Youngstown College

Fourth Annual Catalogue

1930-1931

CO-EDUCATIONAL

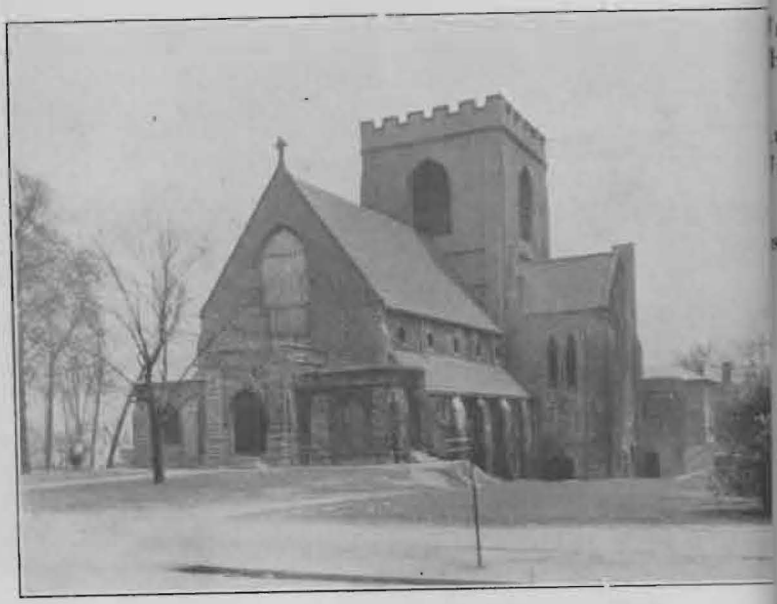
Under Auspices

The Young Men's Christian Association

Offices and Classrooms
416 WICK AVENUE
YOUNGSTOWN, OHIO

Home of Youngstown College

The Reuben McMillan Free Library



St. John's Church, Where College Chapel Services Are Held

ADMINISTRATIVE STAFF

Homer L. Nearpass, Director and Dean. A. B., Western Reserve University, 1905; School of Education, University of Wisconsin, Summer of 1910; School of Education, University of Minnesota, Summer of 1913, 1914, 1915, and 1916; A. M., Teachers College, Columbia University, 1923.

Philip P. Buchanan, Registrar. A. B., Hiram College, 1929. Graduate

ADDENDUM

Additional Members of Faculty

Castle W. Foard, Professor of Mathematics and Physics. A. B., niversity of Wichita, 1921; M. S., University of Kentucky, 1923; h. D., University of Iowa, 1929.

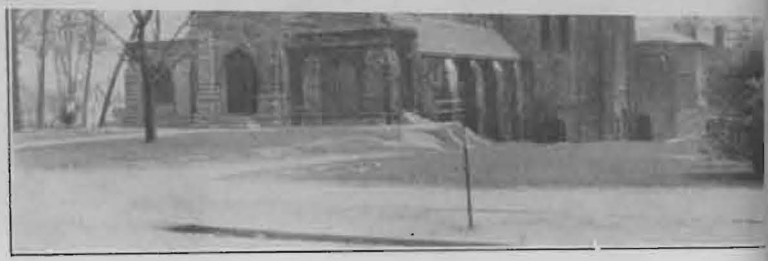
Leonard T. Richardson, Professor of Modern Language. A. B., urora College, 1915; A. M., University of Illinois, 1920; Ph. D., niversity of Grenoble (France), 1930.

Also visiting professors from other colleges for Philosophy, sychology, Geology, etc.

ing 1 year); Student in Piano Pedagogy, A. B. Sangster, Cleveland; Effa Ellis Perfield, Chicago. Private studio in Youngstown, 1917.

Doral Fairfield, Instructor of Physical Training for Men. Graduate, Chicago Y. M. C. A. College.

Frank E. Fuller, Instructor in Singing and Organ. Pupil of Felix Lamond, New York (Organ, Harmony, Counterpoint, Choir-boy Training) 1908-1911; Dr. George Edward Stubbs, New York (Choir-boy Training) 1909; Walter Henry Hall, Columbia (Choral Conducting) 1915; Tom Daniels, New York (Singing) 1907-1908; Charles Kitchell, New York (Singing) 1908-1910; Earl G. Kileen, Ann Arbor (Singing) 1918-1919; Ross David, New York (Singing) 1920; Edwin Arthur Kraft, Cleveland (Organ)



St. John's Church, Where College Chapel Services Are Held

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Leonard T. Skeggs.....General Secretary

ADMINISTRATIVE STAFF

Homer L. Nearpass, Director and Dean. A. B., Western Reserve University, 1905; School of Education, University of Wisconsin, Summer of 1910; School of Education, University of Minnesota, Summer of 1913, 1914, 1915, and 1916; A. M., Teachers College, Columbia University, 1923.

Philip P. Buchanan, Registrar. A. B., Hiram College, 1929. Graduate work, University of Pittsburgh, 1929-1930.

Freda R. Flint, Director of Educational Publicity. Ohio Wesleyan University and Youngstown College.

Elsie Randle, Recorder. Hall's Business University.

FACULTY

NOTE—Teachers to be selected: Modern Language and Mathematics.

John W. Bare, Dean of Men, Professor of English. A. B., Ohio Wesleyan University, 1904; Graduate Work, University of Chicago, Summer Quarter, 1907; A. M., Ohio Wesleyan University, 1908.

Levi G. Batman, Professor of Biblical Literature. B. A., Indiana University, 1895. Graduate, Union Theological Seminary, New York, 1898.

Dwight V. Beede, Professor of Engineering Drawing. B. S., Carnegie Institute of Technology, 1926.

R. D. Bowden, Professor of Social Science. A. B., University of Kentucky, 1913; A. M., University of Illinois, 1916; graduate work, Harvard University, University of Minnesota, and Chicago University. Work practically completed for Ph. D. at University of Chicago.

Lee Edwin Cannon, Professor of Modern Languages. A. B., Eureka College, 1906; A. M., University of Wisconsin, 1909; University of Leipsic and University of Geneva, 1906-1907; University of Wisconsin, 1908, 1909, 1910, 1911, 1912, 1917; Harvard University, 1912, 1913; University of Chicago, Summers of 1916, 1919, 1920, 1921. (Hiram College.)

Charlotte Welch Dixon, Instructor in Piano. Pupil of James H. Rogers, Cleveland (4 years); Julian Pascal, Leipzig (1 year); Sigismond Stojowski, New York (1 year); Beryl Rubenstein, Cleveland (2 years); Ernesto Berumen, New York (1 year); Frank LaForge, New York (accompanying 1 year); Student in Piano Pedagogy, A. B. Sangster, Cleveland; Effa Ellis Perfield, Chicago. Private studio in Youngstown, 1917.

Doral Fairfield, Instructor of Physical Training for Men. Graduate, Chicago Y. M. C. A. College.

Frank E. Fuller, Instructor in Singing and Organ. Pupil of Felix Lamond, New York (Organ, Harmony, Counterpoint, Choir-boy Training) 1908-1911; Dr. George Edward Stubbs, New York (Choir-boy Training) 1909; Walter Henry Hall, Columbia (Choral Conducting) 1915; Tom Daniels, New York (Singing) 1907-1908; Charles Kitchell, New York (Singing) 1908-1910; Earl G. Kileen, Ann Arbor (Singing) 1918-1919; Ross David, New York (Singing) 1920; Edwin Arthur Kraft, Cleveland (Organ)

1923-1924; Organist and Choirmaster Trinity Church, Sangertus, New York, 1910-1911; St. Stephens Church, Upper Montclair, New Jersey, 1911-1912; St. John's Church, Keokuk, Iowa, 1912-1915; St. Anton Memorial Church, New York, 1915-1916; Trinity Church, Haughton, Michigan, 1916-1918; St. Paul's Church, Akron, Ohio, 1918-1921; St. John's Church, Youngstown, 1921.

Ceylon E. Hollingsworth, Instructor in Art. Student of William M. Chase, New York City.

Helen E. McGiffen, Instructor in Piano. Graduate of Washington Seminary, Washington, Pennsylvania. Pupil of Martin Krause, Berlin; Arthur Friedheim, Munich; August Spanuth, Berlin (Piano and Theory) 1912-14; Emil Von Sauer, Vienna, 1926-27. Private studios in Pittsburgh and Washington, Pennsylvania, 1914-18. Head Instructor in Piano and Director of Waynesburg College, School of Music, Waynesburg, Pennsylvania, 1918-25. Head Instructor in Piano, Reardon School of Music, Youngstown, Ohio, 1927-30. Private studios, Youngstown, Ohio, 1930.

Eleanor B. North, Dean of Women and Instructor in English. A. B., Penn State College, 1923; A. M., Penn State College, 1925; School of English, Breadloaf, Vermont, Summers 1925, 1927; American Institute of English, Penn State College, Summers 1924, 1926, 1929; Cambridge University, Cambridge, England, Summer 1930.

Joseph Earle Smith, Professor of Social Science. Rhodes Scholar, Oxford, England, 1908-11; B. A., Oxon, 1911; A. M., University of Nebraska, 1914; University of Chicago, Summers of 1915, 1916, 1917, 1919, 1921, 1924 (Hiram College).

Eugene Dodd Scudder, Professor of Chemistry. A. B., Indiana University, 1921; A. M., Indiana University, 1924; Ph. D., Indiana University, 1930.

Marion Stavrovsky, Instructor in Singing. Graduate of New York School of Music and Arts, 1917-21. Pupil of Ralph Leech Sterner (Voice Placement); Frank Howard Warner (Church Music and Repertoire); Romualdo Sapio (Operatic Repertoire) 1925-26; Luigi Albertini School of Acting, 1926; Samailoff Bel Canto Studios, 1926-27 (Lazar Samailoff Singing, Alexander Kostalanetz Operatic Coaching); Teacher of Singing New York School of Music and Arts, 1919-22; Private Studio, Scranton, Pennsylvania, 1922-23. Head of Voice Department, Howard School for Girls, Birmingham, Alabama, 1923-25. Private Studio, Youngstown, Ohio, 1928-30. Reardon School of Music, Youngstown, Ohio, 1929-30.

Henry V. Stearns, Professor of Music. Bachelor of Music, American Conservatory of Music, 1902. Studied in Berlin, Germany, 1906-09; American Association Guild of Organists, 1913; Fellow, American Guild of Organists, 1918; Doctor of Pedagogy, Cincinnati Conservatory of Music, 1924; Master of Music, American Conservatory of Music, 1927.

R. A. Waldron, Professor of Biology. B. S., Massachusetts State College, 1910; M. S., Pennsylvania State College, 1912; Ph. D., University of Pennsylvania, 1918. (Slippery Rock Normal School).

Margaret Walters, Instructor in Violin, Viola, Violoncello. Pupil of Lob Berry, Mendelssohn Conservatory of Music, Johnstown, Pennsylvania, 1910-15; Theodore Rentz, Pittsburgh, Pennsylvania, 1915-17; Mark Farnoff, New York City, 1917-18; Edith Mayon, New York (Coaching 1917-18; Hans Letz, New York, 1918-20; Private Studio, Johnstown, Pennsylvania, 1915-17. Head of String Department, Highland Hall Seminary, Hollidaysburg, Pennsylvania, 1916-17. Private Studio, Youngstown, Ohio, 1920. Organizer and Director, Youngstown Women's Symphony Orchestra.

Clara Witter, Instructor in Physical Training for Women. B. S., Iowa State Teachers' College, 1924.

Martha Bailey Walton, Instructor in Singing. Bachelor of Music, Oberlin Conservatory of Music, 1923. Student of Charles Adams (Singing), Mme. William Mason Bennett (Piano); Lila Robeson, Cleveland (Singing) 1925-27; Adriaan Freni, Pittsburgh Musical Institute, Pittsburgh, Pennsylvania (singing) 1928-30. Private Studio, Youngstown, Ohio, 19[illegible] Instructor in Music, Yale Private School, Youngstown, Ohio, 1927.

M. Harry Warner, Instructor in Violin. Pupil of Hermann Henschell, Chicago; Emil Sauret, Chicago; F. Wilberforce, Detroit, Michigan; William Hirt, Dana Institute of Music, Warren, Ohio; William Dana, Dana Institute of Music, Warren, Ohio (Theory and Harmony). Director Youngstown Symphony Orchestra, 1917-21. Private Studio, Youngstown, Ohio, 1914.

Grover C. Yaus, Instructor in Band Instruments. Graduate of Dana Institute of Music and Warren Military Band School, Warren, Ohio.

COLLEGE CALENDAR

1930

September 15th, Monday, First Semester begins.
November 27th, Thursday, Thanksgiving Day.
December 20th, Christmas Vacation begins.

1931

January 5th, Monday, Christmas Vacation ends, 7 A. M.
January 30th, Friday, First Semester ends.
February 2nd, Monday, Second Semester begins, 7 A. M.
June 5th, Friday, Second Semester ends.
June 15th, Monday, Summer Session begins.

HISTORY

In September, 1921, the first Liberal Arts course ever offered in Youngstown was established as a part of the Evening School work offered by the Youngstown Institute of Technology. Three teachers from Hiram and Thiel, neighboring colleges, constituted the first faculty. The work was offered to accommodate local teachers who needed credits toward degrees or certificates. These classes grew in popular favor until more than two hundred students are now enrolled.

In September, 1927, regular college work during the day time, in addition to the evening work, was started as a natural outgrowth of the successful work carried on at night. The need of such a school was demonstrated when about one hundred students enrolled during the first year, and more than one hundred fifty the second year.

The name, Youngstown College, seemed to be the proper name for the new school, and was given to the school by common consent of students, faculty, and other interested persons.

In June, 1930, the degree of Bachelor of Arts was conferred upon the first group of graduates by authority of the Department of Education of the State of Ohio.

LOCATION AND BUILDINGS

Youngstown College is located in the old John C. Wick mansion, 416 Wick Avenue, on a beautiful five acre campus within four blocks of the Public Square. Adjoining the college property on the north is the Butler Art Gallery; across the street is St. John's Episcopal Church which is used for the college chapel services; diagonally across the street is the Public Library; one block away is the Y. W. C. A. and three blocks away is the Central Y. M. C. A. The College is therefore very conveniently located for all college purposes.

Negotiations are now under way for the erection of a new and modern school building on this site which will adequately meet the needs of the growing Youngstown College.

CO-EDUCATIONAL

Both men and women are admitted to Youngstown College.

RELIGIOUS LIFE

Youngstown College is under the auspices of the Young Men's Christian Association and its faculty has been carefully selected with a view to securing men and women who at all times exert a wholesome influence upon the lives of their students. The college is strictly non-sectarian and has always been free from any attempt to influence or change a student's fundamental faith. It does, however, strive at all times to maintain a highly moral atmosphere, refining and uplifting in its effect upon the lives of the students.

LIBRARY

The library facilities of the college are furnished by the City Publi Library, which is located diagonally across the street from the main buil ing. This splendid library of one hundred fifty thousand volum offers unusual advantages for research and outside reading. Special stud halls are also available. The library has a large staff of officers and assis ants who are in a position to render splendid assistance to our student A college library also provides special books not found in the public librar

ART INSTITUTE

The Butler Art Institute, adjoining the college campus on the nort was given to the city by Joseph G. Butler, Jr. This is a beautiful buildin and houses a fine collection of paintings, Indian relics and numerous oth examples of art. This building is ideally situated for the use of our studen

CHAPEL SERVICES

Thanks to the splendid co-operation of St. John's Episcopal Chur across the street from the campus, the college chapel services are held St. John's Church once a week. Mr. Frank Fuller, the church organi very kindly presides at the organ. Special singers volunteer their servic and prominent speakers, not only from Youngstown but from many oth cities, bring to the students each week strong messages that tend wield a refining and up-lifting influence.

PHYSICAL TRAINING

Students in Youngstown College are exceptionally well provided wi facilities for physical culture. The three gymnasiums, swimming po handball courts, boxing, wrestling and fencing rooms of the Central Y. C. A. building, are available for the young men. Similar facilities at t Young Women's Christian Association building are available for you women. The work of the Physical Department is under the direction the Physical Directors of the Y. M. C. A. and Y. W. C. A., thus insuri expert physical instruction. Two years of physical training are requir of both men and women, unless a student is excused by a physicia certificate.

THE COLLEGE YEAR

The college year is divided into two semesters of eighteen weeks ea School is in session five days a week. Most of the classes come in morning. The courses are so arranged that students graduating from h school in January and wishing to enter college at that time may wo out a satisfactory schedule for the second semester. By attending summer session, it is possible to shorten the course.

REQUIREMENTS FOR ADMISSION

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

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

As a broad and adequate foundation for the course in Liberal A the following distribution of units in the high school is strongly urg three units in English; one in United States History (or in History Civil Government); one in Algebra; one in Geometry; one in Physics or Chemistry; one in Botany or in Zoology; four in one foreign language s as Latin, or two in two different languages such as Latin, French, Ger or Spanish; three additional units in these or other studies.

If the distribution of units differs from that just specified, the stud will have to carry corresponding courses in college. This will limit choice of electives and in some cases may extend his course beyond that other students. **A student deficient in algebra or geometry will be ente with conditions,** and this deficiency must be made up outside of coll classes and passed off by taking entrance examinations before ente upon the second year of residence work.

ADMISSION TO ADVANCED STANDING

Students entering from other institutions of college grade are admitted to advanced standing on credentials signed by the proper officials giving specifications regarding the nature of the courses and time spent on each. They will be admitted probationally and allowed to take a course of study on the basis of these credentials, and upon the completion of one semester of satisfactory work in this college probational credit will be made permanent. In each case the applicant must present a letter of honorable dismissal from the school last attended.

TYPES OF STUDENTS

Students may enter on the regular, special, or irregular basis.

Regular Students are those who have graduated from a first grade 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 before graduation.

Special Students are those who are not high school graduates, but who because of maturity are allowed to take certain courses without credit.

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.

REGISTRATION

The office of the Registrar is located at 416 Wick Avenue and will be open between the hours of 8:30 A. M. and 9:30 P. M. with the exception of Saturdays when it will be closed at 4:00 P. M. Students are urged to register as early as possible. Everyone, whether a new student or one previously in attendance, must register at the beginning of each semester. Any student entering late will be held responsible for making up all work from the beginning of the semester. No student will be permitted to register later than two weeks after the opening of college except by special permission of the faculty.

FEES

(Per Semester)

Matriculation Fee—(Payable once only and not refundable)	$ 5.00
Tuition (for 15 semester hours)	75.00
Each Additional Semester Hour (Academic)	5.00
Laboratory Fee (Chemistry, Biology, Zoology or Physics)	5.00
Breakage Deposit—(Chemistry or Physics)	3.00
Student Activity and Athletic Fee	5.00
Gymnasium Fee	5.00
Diploma Fee	5.00

(For special fees on Art, Music and Engineering Drawing see Description of Courses)

All fees and tuition are due on the opening day of each semester

One transcript of credits to another college is made free. After that a fee of $1.00 is charged for each transcript.

THE LOAD

Fifteen hours is the normal schedule. More than sixteen hours can be taken only by students whose record shows a high average grade for all the courses taken. Permission must be secured from the faculty by petition, for more than sixteen hours of work.

COLLEGE ADMINISTRATION

The aim of the administration of college government is to lead all students to regard themselves as responsible for good order. The training in self-government is considered no small part of the value of a college education. There is no formulated code of laws governing the conduct of students, but special regulations may be made by the faculty from time to time as seems necessary, to which all students are expected to conform. The students are required to be regular in their attendance at lectures, recitations, chapel services and laboratory exercises, to be quiet and orderly

while in the building, and in general to conduct themselves as ladies and gentlemen without requiring special rules and regulations for this purpose. Persistent neglect of work, if continued after warning, may cause the student's dismissal or suspension. Any student whose conduct is unsatisfactory or whose attitude is prejudicial to the best interests of the institution, will be dismissed.

ATTENDANCE

If a student is absent without excuse more than the equivalent of one week in any course during a semester he will be conditioned in the course. Three cases of tardiness will be counted as one absence. Excuses for absences must be secured from the Dean of Men or Dean of Women within the week after the student's return to school.

Regular attendance at chapel is required. One-third point of credit is deducted from the total number earned for each unexcused absence from chapel.

GRADES

Grades are given and recorded as follows: A, excellent; B, good; C, fair; D, poor; E, condition; F, failure. A condition may be removed by taking a special examination and fulfilling any other requirements that the instructor may make. Permission to take a special examination may be secured from the office upon the payment of a fee of $2.00. A condition automatically becomes a failure if not removed within one year. An average grade of C is required for graduation.

EMPLOYMENT SERVICE

Special effort will be made to secure part-time positions for those desiring to defray their expenses in this way. Many calls come to the office for students desiring part-time employment. There is a steady demand particularly for girls who are willing to take care of children or assist in the home in payment for board and room. Students desiring assistance in this manner should inquire at the office as soon as possible.

ROOMING AND BOARDING FACILITIES

The college is located about three blocks from the main Y. M. C. A. building on Champion Street. This makes it convenient for young men who come from out of town. The college is located in the center of the best rooming and boarding district in the city. Both the Y. M. C. A. and the Y. W. C. A. maintain cafeterias which are open to the public at very reasonable rates.

TEXT BOOKS AND SUPPLIES

Text books and supplies may be purchased at the school book store on the main floor of the building at 410 Wick Avenue.

MUSICAL AND LITERARY ADVANTAGES IN YOUNGSTOWN

In addition to the opportunities offered by the Department of Music and Fine Arts, students of Youngstown College have many advantages not usually found in smaller college towns. Within a half block from the college, at the Butler Art Institute, fortnightly recitals are given by musicians of note from various parts of the country. These, as well as many other recitals, are always open to the public.

College students who are interested in art will appreciate the splendid collection of paintings displayed in the Butler Art Institute.

There are various music and literary clubs that endeavor to bring to Youngstown operas and plays of the highest type, which are presented at the Stambaugh Auditorium and at the various theatres. Then, too, the Y. M. C. A. brings to Youngstown every year for its Sunday Forums speakers who are prominent personages in fields ranging from sports to religion. The speakers for 1930 were: Glen Frank, of Wisconsin University; Bishop William F. McDowell; Dr. Amos Squire, Physician at Sing Sing Prison; Dr. Charles Clayton Morrison, Editor, the Christian Century; Miss Ida M. Tarbell, internationally known historian; Mrs. Ruth Bryan Owen, Congresswoman from Florida; Private Peat, famous World War veteran and writer; Dr. F. D. Slutz, leader of youth.

YOUNGSTOWN COLLEGE DRAMATIC CLUB

The Youngstown College Dramatic Club, organized during the first semester in 1927-28, is composed of students interested in the study and presentation of modern dramatic forms. Membership is limited to those who show continued interest and willingness to work. Several one-act plays are produced each year and the organization aims to present at least two major plays annually.

MUSICAL ORGANIZATIONS

Musical activities will be encouraged and supported by the college. A College Orchestra and Men's Glee Club have been organized during the past year by Dr. Henry V. Stearns, head of the Department of Music, and a Woman's Glee Club and a College Band will be developed in the near future. These organizations regularly assist in furnishing music for college functions and are frequently called upon for service off the campus. Students with musical ability are urged to present themselves as candidates for membership in these organizations. Limited credit is offered for membership under rigid regulations.

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 cooperates with the various special student organizations and makes recommendations 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.

ADVISERS

When a student is admitted to the college some member of the faculty is designated by the Registrar as his adviser and will assist the student in making out his schedule. The adviser is the medium of communication between the student and the faculty. The student is required to consult his adviser in regard to his course of study and to secure each year approval of his final schedule, and no subject may be dropped without the approval of the adviser. He should be free to consult him also on other matters.

ATHLETICS

In spite of the fact that no special efforts have ever been made to secure the enrollment of athletes, unusually good basketball teams have been developed each year by Coach Fairfield. Other teams including tennis, fencing and baseball have been organized and will continue to develop.

THE SUMMER SESSION

An increasing number of college students ask for an opportunity to make up required work in order to admit them to regular classification in their college classes. Others, coming with advanced credits, find the summer school advantageous in advancing toward earlier graduation by working off the subjects which they find difficult to schedule during the regular college year.

During the nine-weeks Summer Session of 1930 the following courses were organized: Modern Poetry, Modern European History, English Composition, General Psychology, Modern Novel, Geography, Organic Chemistry, Biology, Social Pathology and Social Psychology.

CREDIT RELATIONS

Students with satisfactory records transfer regularly to other colleges and universities with probational credit.

SEMESTER HOUR DEFINED

A semester hour of work consists of a unit carried for 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

ARTS - DENTISTRY

This course leads to the degree of A. B. and D. D. S. Upon completion of three years work at Youngstown College and one year at an approved dentistry school, the A. B. degree will be conferred. The D. D. S. degree will be received upon completion of the course in dentistry.

ARTS - PHARMACY COURSE

This course leads to the degree of A. B. and B. S. in Pharmacy. Upon completion of three years work at Youngstown College and one year at an approved pharmacy school the A. B. degree will be conferred. The B. S. in Pharmacy will be received upon completion of the course in pharmacy.

DESCRIPTION OF COURSES

The courses are offered each year, unless otherwise marked.

In the description of a course that is not offered each year, the year in which it is offered is indicated in parenthesis: for example, a course that was given in 1929-30 but will not be offered in 1930-31 has the year in parenthesis thus: (1929-30).

In the numbering of the courses, first semester courses have odd numbers and second semester courses even numbers. The printing of a course with a hyphen between semester numbers, for example 101-102 indicates that credit is not given for the work of the first semester until the completion of that of the second semester. The printing of a course with a comma between the semester numbers, for example, 105,106, indicates that the course extends throughout the year, but that independent credit is given for the work of either semester.

The number of hours refers to the credit per semester allowed for the course.

Courses numbered from 101 to 199 are Freshmen courses, from 201 to 299 are open to Sophomores, and courses numbered 301 or more are for Juniors and Seniors.

ART

(See Music and Fine Arts)

ASTRONOMY

201. ELEMENTARY ASTRONOMY—Three hours, first semester. Three hours of recitation and observation each week. The aim is to give a general, non-techincal knowledge of the subject, presented in such a manner that it can be easily comprehended even by those who have not had an extensive scientific training. (1931-32)

BIBLE

101. THE LIFE OF CHRIST—Two hours, first semester; 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.

102. THE APOSTOLIC AGE—Two hours, second semester. 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. (1928-1929 and 1930-1931)

104. OLD TESTMENT HISTORY—Two hours, second semester. 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 back ground 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 topics for investigation. (1929-1930 and 1931-1932).

BIOLOGY

101. GENERAL BIOLOGY—Three hours. Two lectures or recitations and one two-hour laboratory periods each week. This course considers life in its various phases including the structure of living things, their functions, and relationships. (Summer 1930).

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.

DEGREES

In June, 1930, the State Department of Education of Ohio authorized Youngstown College to grant the Bachelor of Arts Degree, and this degree was conferred upon a class of six.

EVENING CLASSES

Classes meeting from 4:30 to 6:00; 7:00 to 8:30 and 8:30 to 10:00, twice each week and carrying three points of credit are available to Youngstown College students. These evening classes, for the most part, do not duplicate the day classes. They are offered by various heads of departments of neighboring colleges, and cover a wide range of subjects.

PRE-PROFESSIONAL COURSES

Students planning to prepare for the professional schools should consult the Director of Youngstown College before making out a schedule of courses.

GROUP REQUIREMENTS FOR A. B. DEGREE

I—ENGLISH, 12 semester hours.

II—FOREIGN LANGUAGES (Latin, French, German, Spanish). The equivalent of four years of High School language, either four years of one language or two years each of two languages. One year of college language is equivalent to two years of high school language.

III—SCIENCE AND MATHEMATICS (Botany, Zoology, Biology, Astronomy, Chemistry, Physics, Physiology, Geology, Mathematics), 8 semester hours, including one laboratory science.

IV—SOCIAL SCIENCE (History, Economics, Sociology, Political Science), 12 semester hours.

V—PSYCHOLOGY, PHILOSOPHY AND BIBLE, 6 semester hours.

VI—PHYSICAL TRAINING, 4 semester hours.

VII—FREE ELECTIVES, sufficient to make a total of 124 semester hours with an average grade of C.

MAJORS AND MINORS

It is possible to take sufficient work at Youngstown College to major in several different fields. At present the requirements for a major in the various departments are as follows:

I—ENGLISH, 24 semester hours, with three years of high school English as a prerequisite.

II—CHEMISTRY, 24 semester hours, no prerequisite.

III—MATHEMATICS, 24 semester hours, with two years of high school Mathematics as a prerequisite.

IV—FRENCH, 20 semester hours, with two years of high school French as a prerequisite.

V—SOCIAL SCIENCE, 24 semester hours, with one year of high school Social Science as a prerequisite.

NOTE—A minor consists of eighteen hours of work and each student is required to have at least one major and one minor. The adviser in the major field should be consulted regarding the selection of a minor.

At least 60 hours must be in courses not open to Freshmen, of which at least 40 must be in courses for advanced under-graduates (courses numbered 300 or more). If a senior takes a course open to Freshmen, the credit will be diminished by one-third.

Not less than thirty hours of credit must be gained in residence at Youngstown College.

When a student has enough credits to graduate but falls below a "C" average, a sufficient amount of extra credits must be earned to bring the average to a "C".

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

Students excused from Physical Training must substitute an equivalent amount of academic work.

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

ARTS - LAW COURSE

The completion of three years of Liberal Arts in Youngstown College and four years of Law in the Youngstown School of Law would entitle one to the degrees of A. B. and LL. B. After completing three years of Arts (96 hours) and seven quarters of Law (28 hours) the A. B. degree will be conferred. The LL. B. degree will be given upon completion of eight additional quarters of Law (32 hours).

Among the 96 semester hours required in Liberal Arts, it is strongly recommended that in addition to the regular requirements for the A. B. degree the pre-law student take at least four hours in Public Speaking, three hours of Psychology and six hours of Economics.

Two years of Liberal Arts work will be accepted from other accredited colleges, but a minimum of thirty-two hours of credit must be earned in Youngstown College. At least seven quarters (28 semester hours) must also be earned in the Youngstown School of Law to satisfy the Law major. The group requirements must be satisfied irrespective of where the work is taken.

ARTS - COMMERCE AND FINANCE COURSE

In combination with the Y. M. C. A. Evening School of Commerce and Finance, the Bachelor of Arts Degree may be secured by those who complete 76 semester hours of Liberal Arts and 48 semester hours in the School of Commerce and Finance. By taking certain summer courses, it will be possible to secure the degree by going two years in the day time and four years at night. Those taking this course are expected not only to complete the regular group requirements for an A. B. degree, but to include in their Liberal Arts curriculum at least three hours of Public Speaking and three hours of Phychology. Two years of Liberal Arts will be accepted from other accredited colleges, but a minimum of thirty hours of credit must be earned in Youngstown College. At least thirty hours of credit in the field of Business Administration must also be earned in the Y. M. C. A. Evening School of Commerce and Finance. The group requirements must be met irrespective of where the work is taken.

ARTS - MEDICAL COURSE

This course, leading to the degree of A. B. and degree of Doctor of Medicine requires seven years to complete.

To secure both degrees three years of this will be spent at Youngstown College and four years in some recognized medical school. At the close of the first year in the medical school the student receives his arts degree from Youngstown College and at the end of his medical course will also receive his medical degree from the medical school. It should be understood, however, that admission to standard medical schools is becoming increasingly difficult and only those with very high scholarship can hope to be admitted. Students desiring to take this combination course should plan to elect in Youngstown College such courses as may be required for entrance to medical colleges, including English, Chemistry, and Zoology.

ARTS - NURSING COURSE

This course leads to the degree of A. B. and R. N. (Registered Nurse). Upon completion of three years work at Youngstown College and one year at an approved school for nurses, the A. B. degree will be conferred. The R. N. degree will be received upon completion of the course in nurses training, and successful passing of the State Board examination. Negotiations are being made with Youngstown Hospital in connection with the conferring of these degrees.

103. GENERAL BOTANY—Four hours, first semester. Two lectures and recitations and two two-hour laboratory periods each week. An introductory study to plant life. No pre-requisites.

105. GENERAL BOTANY—Four hours, first semester. Two lectures and recitations and two two-hour laboratory periods each week. The fundamentals of the morphology and physiology of flowers, fruits, seeds, seedlings, roots, stems and leaves. Field trips to be taken early in the semester. (1928-1929). No pre-requisites.

106. GENERAL BOTANY—Four hours, second semester. A continuation of Botany 105, covering the lower orders of plants, making a study of the characteristics and relationships of plants, including an introduction to the classification of the higher plants. Field trips in the spring. (1928-1929).

108. GENERAL ZOOLOGY—Four hours, second semester. Two lectures or recitations and two two-hour laboratory periods each week. An introduction to the facts and principles of animal biology with special references to structure, function, heredity, and classification. Special atiention given to the invertebrates. The anatomy of the chordate, with emphasis upon the development of the chief organic systems.

201. COMPARATIVE VERTEBRATE ANATOMY—Three hours, first semester. One lecture and two two-hour laboratory periods each week. A detailed study of the comparative anatomy of vertebrates. Throughout the course the inter-relationship of structure and function is emphasized. Pre-requisite, Biology 108. (1931-1932).

CHEMISTRY

101. GENERAL CHEMISTRY—Five hours, first semester. Two lectures and one recitation, and two two-hour laboratory periods each week. A careful study is made of the fundamental laws of chemistry, special attention being given to behavior of gases, valence solutions, ionization, equilibrium, colloids and calculations.

102. GENERAL CHEMISTRY—Hours and credit the same as for Chemistry 101. Second semester. A continuation of Chemistry 101, being a systematic study of the occurrence, preparation and properites of the metallic elements and their compounds. The laboratory work of the second semester is devoted to Qualitative Analysis.

103. GENERAL CHEMISTRY—Four hours, first semester. Two lectures and two two-hour laboratory periods each week. A careful study is made of the fundamental laws of chemistry, special attention being given to behavior of gases, valence solutions, ionization, equilibrium, colloids and calculations.

104. GENERAL CHEMISTRY—Hours and credits the same as for Chemistry 103. Second semester. A continuation of Chemistry 103, being a systematic study of the occurrence, prepartation and properties of the metallic elements and their compounds. The laboratory work of the second semester is devoted to Qualitative Analysis.

201. ORGANIC CHEMISTRY—Three hours, first semester. Two lectures and one three-hour laboratory period per week. A study of the aliphatic carbon compounds.

202. ORGANIC CHEMISTRY—A continuation of Chemistry 201 throughout the second semester. The aromatic carbon compounds are studied. Hours and credits the same as for Chemistry 201.

301. QUANTITATIVE ANALYSIS—Three hours, first semester. The class-room work includes the discussion of the methods used in the laboratory, the theory of quantitative separations, theory and use of indicators and chemical calculations. The laboratory work includes calibration of weights and volumetric apparatus, a number of granimetric and volumetric determinations, and electrolytic analysis. One lecture and six hours of laboratory work per week.

302. QUANTITATIVE ANALYSIS—A continuation of course 301 throughout the second semester. Hours and credits the same as for Chemistry 301.

ECONOMICS

201,202. PRINCIPLES OF ECONOMICS—Three hours, each semester. Should precede all other courses in Economics. A study of the laws of production, exchange, distribution and consumption of wealth, combined with an analysis of the industrial action of men as regards land, labor, capital, money, credit, rent, interest and wages. (1929-1930 and 1931-1932).

203. INTRODUCTION TO ECONOMICS—Three hours the first semester. A condensed course covering the works of Economics 201 and 202 in one semester.

301. ECONOMIC PROBLEMS OF MODERN LIFE—Three hours, first semester. A survey of some of the outstanding problems of our economic organization, such as monoply, speculation, insurance, public finance, labor, and industrial unrest. (1927-1928).

ENGINEERING DRAWING

101,102. PRINCIPLES OF ENGINEERING DRAWING AND DESCRIPTIVE GEOMETRY—Four hours, each semester. 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, $5.00.

ENGLISH

101. COMPOSITION AND RHETORIC—Three hours, first semester. Attention confined to expository writing. Three hours each week of recitation, reading, quiz, written and oral practice. Frequent short themes and occasional longer compositions furnish practice. Emphasis is given to consultations between instructor and students. Required of all Freshmen.

102. COMPOSITION AND RHETORIC—Three hours, second semester. A continuation of English 101, with special emphasis on narrative and descriptive writing. Required of all Freshmen.

115. PUBLIC SPEAKING—Two hours, first semester. This course is designed to give the fundamentals of Public Speaking. Text and note books are required. Assignments in formal and informal speaking are made. Helpful criticism is given for correction of poor habits of voice and gesture. In the second semester some stage and platform practice is required.

116. PUBLIC SPEAKING—Two hours, second semester. A continuation of Public Speaking 115.

117. PUBLIC SPEAKING—Thee hours, first semester. Study and application of fundamental principles of oral expression with constant practice in delivery. Extempore speaking, exposition, discussion, social speaking, and informal public address.

118. PUBLIC SPEAKING—Three hours, second semester. A continuation of Public Speaking 117.

203. SURVEY OF ENGLISH LITERATURE—Three hours, first semester. Three hours of lecture, recitation, quiz, and reports each week. A general introductory course with special emphasis on the literature previous to the Nineteenth Century. Pre-requisite, English 101, 102.

204. SURVEY OF ENGLISH LITERATURE——Three hours, second semester. A continuation of Englsh 203. Three hours of lecture, recitation, quiz, and reports each week.

205. SURVEY OF AMERICAN LITERATURE—Three hours, first semester. Three hours of lectures, quiz, readings and reports. Prerequisite, English 101, 102.

206. SURVEY OF AMERICAN LITERATURE—Three hours, second semester. A continuation of English 205.

219,220. DRAMATICS—One hour, each semester. A study of acting, stage craft and make-up. Students will be expected to take major parts in plays presented during the year.

307. ROMANTIC POETRY—Three hours, first semester. Lectures, reports, readings and tests. A study of the poetry of Woodsworth, Coleridge, Byron, Shelley, Keats, and their contemporaries. Pre-requisites English 101,102.

309. SHAKESPEARE—Three hours, first semester. Pre-Shakespearian drama, survey of English drama, and conditions influencing it from liturgical plays to Shakespeare. Contemporaries of Shakespeare. Intensive study of chief plays of Shakespeare, and rapid survey of other plays. Analysis of Elizabethan stage conditions and social background, and dramatic technique. Pre-requisites, English 101, 102, 203, 204.

310. SHAKESPEARE—Three hours, second semester. Continuation of English 309.

311. JOURNALISM—Three hours, first semester. News writing and reporting, copy reading, page make up, headline writing, assignments on local papers, editorial writing, theory and practice. Studies of form, content, purpose, ethics, and ideals of editorial writing. Editorial treatment of events and policies. Pre-requisites 101, 102. (1929-1930).

312. JOURNALISM—Three hours, second semester. A continuation of courses 311. (1929-1930).

314. THE SHORT STORY—Two hours, second semester. Study of technique and practice in writing the short story. Analysis of types. Special study in characterization and in plot construction. Pre-requisites English 101, 102.

321. THE DRAMA—Three hours, first semester. A study of the history and development of the drama. Pre-requisite 101, 102; 203, 204.

322. MODERN DRAMA—Three hours, second semester. Rapid survey of field in general. Emphasis on modern play writing and presentation requirements. Study of representative one-act plays, English and American. Pre-requisite, English 101, 102, 203, 204.

323,324. THE ENGLISH DRAMA—Three hours each semester. A study of the development of English drama against its continental background, from the beginnings to the present time, based on reading important English plays and representative foreign plays in translation. Discussion of the theory of stage craft and of dramatic technique. (1928-1929).

325. MODERN NOVEL—Three hours, first semester. Survey of the field since 1890. Reading, study and reports of representative English and American novels. Pre-requisites, English 101, 102; 203, 204. (Summers 1929 and 1930, and 1930-1931).

326. MODERN POETRY—Three hours, second semester. Survey of Modern poetry field since 1900. Emphasis on modern methods and ideals. Study of representative English and American poets. Round table discussions. Pre-requisites, English 101, 102, 203, 204. (Summers 1930, and 1930-1931).

329,330. PROSE FICTION—Three hours each semester. A study of the technique of the novel and the short story, and of their history in England and America. (1927-1928).

FRENCH

101. ELEMENTARY FRENCH—Four hours, first semester. This course is intended for those who have had no previous training in French and for those who have had but one year of high school French. The essentials of grammar will be taken up together with constant drill in French phonetics, reading of easy French and conversation.

102. ELEMENTARY FRENCH—Four hours, second semester. This course is open to those who have had one semester of college French or one year in High School. The study of grammar will be continued together with composition, conversation, dictation and a considerable amount of reading.

203. INTERMEDIATE FRENCH—Three hours, first semester. This course is planned for those students who have had at least one year of college French or two years of high school French. There will be a thorough grammar review together with phonetic drills, composition, conversation and the reading of modern French literature.

204. INTERMEDIATE FRENCH—Three hours, second semester. This course is open to those who have satisfactorily completed three semesters of college French or three years of high school French. Extensive reading of French literature and some practice in composition and conversation.

305,306. ADVANCED FRENCH—Three hours each semester. This course is open to students who have completed French 4 or its equivalent and have received a grade of at least C. This course will consist of a general survey of French literature of the 19th century. Selections from such authors as DeMusset, De Vigny, Balzac, Sainte-Beuve, Flaubert, Daudet, Zola, Chateaubriand, Hugo, DeMaupassant, Bourget, Anatole France and others. This course will be conducted in French as far as practicable.

307. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY—Three hours, first semester. This course is open to students who have completed French 204 or its equivalent, and alternates with French 305. The course will consist of the study of the literary movements of the age, together with the reading and discussion of selected plays of Corneille, Moliere, and Racine.

308. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY—Three hours, second semester. This is a continuation of the work begun in French 307 and alternates with French 306. Selections from such authors as Malherbe, DeViau, Balzac, Pascal, LaBruyere, La Fontaine, LaRouchefoucauld, DeSevigne, and others will be read and discussed.

GEOLOGY

301. DYNAMIC GEOLOGY—Three hours, first semester. 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.

302. HISTORICAL GEOLOGY—Three hours, second semester. This course aims to present a study of the earth from its beginning to the present time. Its origin, development and changes from earliest times will be presented. The physical nature of each of the periods as well as the life typical of each will be studied.

GEOGRAPHY

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

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

GERMAN

101. ELEMENTARY GERMAN—Four hours, first semester. Intended for those without previous training in German. Instruction in the fundamental principles of grammar, drill in pronunciation, some conversation, and the reading of easy German prose and poetry.

102. ELEMENTARY GERMAN—Four hours, second semester. This course is open to those who have had one semester's work in German in college, or one year in the high school. German grammar is continued, together with a considerable amount of reading, some conversation and composition.

201. INTERMEDIATE GERMAN—Three hours, first semester. Th course is planned for those students who have had at least one year college German or two or more years in the high school. It comprises thorough review of German grammar, reading of modern fiction and dram conversation, and composition.

202. INTERMEDIATE GERMAN—Three hours, second semester. Th course is intended for those who have had three semesters of colle German or at least three years in the high school. Extensive reading German literature and some practice in composition and conversation.

HISTORY

101. MODERN EUROPEAN HISTORY TO 1786—Three hours. fir semester. A general survey of the history of Western Europe from 15 to the French Revolution, with a brief survey of the late Middle Age The purpose of this course is to give the student a comprehensive unde standing of the many phases of modern civilization. Textbook, collater readings and discussions.

102. MODERN EUROPEAN HISTORY SINCE 1786—Three hou second semester. This course is a continuation of Modern Europe History 101 and is conducted by the same methods.

203. HISTORY OF THE UNITED STATES TO 1850—Three hours, fir semester. A study of the general political, social and economic develo ments of the United States from the beginning of our history to the e of the Jacksonian era. Text book, collateral readings and discussion.

204. HISTORY OF THE UNITED STATES FROM 1850—Three hou second semester. This is a continuation of History 203 and is conduct by the same methods.

305. GREEK AND ROMAN HISTORY—Three hours, first semest A study of Greece and Rome, with a brief introductory survey of t ancient civilization of the Near East.

306. MEDIEVAL EUROPE (400 to 1500)—Three hours, second sem ter. A general course in the history of Europe, from the collapse of t Roman Empire in the West to the Age of Discoveries.

308. HISTORY OF LATIN AMERICA—Three hours, second semest A survey of the political and social history of the Hispanic Americ followed by more careful study of economic possibilities. (1929-193

LATIN

203. CICERO—Three hours, first semester. Selections. Oratio against Catiline, Pro Archias and others, grammar, syntax, reading a composition. Pre-requisites, two years high school Latin. (1930-1931).

204. VERGIL—Three hours, second semester. Selections from Boo I to VI of the Aeneid. Study of principles of prosody, mythology a history of Roman literature.

305. CICERO—Three hours, first semester. De Senectute and Amicitia, and selections from letters and speeches. Translation, synt and supplementary readings in Roman life. Pre-requisites, Latin 203, or equivalent. (1928-1929 and 1930-1931).

306. LIVY—Three hours, second semester. Selections. Books I, X and XXVI. Supplementary readings and reports. Translation and advan composition. (1928-1929 and 1930-1931).

307. HORACE—Three hours, first semester. Odes and Epistles. Tra lation. supplementary readings and reports. Prosody and syntax. Rom life in time of Horace. Pre-requisites, Latin 203, 204 or equivalent. (19 1930 and 1931-1932).

308. PLINY—Three hours, second semester. His letters. Terren a comedy, Andria or Phormio. Translation and syntax. Supplement readings in history and Roman life. (1929-1930 and 1931-1932).

MATHEMATICS

Students planning to take up Engineering, or otherwise to make extensive use of mathematics should elect courses 101, 102, 103, and 104, in the Freshman year and courses 205, and 206, in the Sophomore year. Others may elect such courses as they wish, or those for which they have the necessary preparation.

101. COLLEGE ALGEBRA—Three hours, first semester. The aim of the course is to review the fundamentals of algebra and take up as much of advanced algebra as the time permits. Pre-requisite, one and one-half years of high school algebra.

103. PLANE AND SPHERICAL TRIGONOMETRY—Three hours, first semester. The work includes logarithms, goniometry, solution of triangles, trigonometric equations, and construction of tables. Pre-requisites one and one-half years of high school algebra, plane and solid geometry.

102,104. ANALYTIC GEOMETRY AND CALCULUS—Six hours, second semester. The work includes the point, the discussion and construction of loci from their equations, the straight line, polar co-ordinates, the transformation of co-ordinates, conic sections, general equations of the second degree, higher plane curves, the plane, the straight line in space, and surface of the second order. The course in calculus includes the differentiation of alegraic functions and applications. Pre-requisites, 101 and 103. Credit may be obtained, if desired, for three hours each of Analytical Geometry and Calculus.

205. CALCULUS—Three hours, first semester. The work embraces differentiation of algebraic and transcendental functions with geometrical and physical applications, including maxima and minima and points of inflection, simple harmonic motion, and rates. Then integration by formulas and methods is taken up and applied to the finding of areas and volumes. Pre-requisite, 104.

206. CALCULUS—Three hours, second semester. The subjects treated are series, indeterminate forms, asymptotes, radius of curvature, partial derivatives, the use of integral tables, and the application to geometry and mechanics of definite integrals, including double and triple integrals. Pre-requisite, 205.

105. PLANE AND SPHERICAL TRIGONOMETRY—Five hours, first semester. Emphasis is laid on the application of the science to engineering and other mathematical subjects. (1927-1930).

106. ANALYTICAL GEOMETRY—Five hours, second semester. Open to students who have credit for Course 105 and recommended to engineers in preparations for Course 209. (1927-1930).

207. MATHEMATICS OF FINANCE—Three hours, first semester. Such topics are considered as simple and compound interest, discount, annuities, sinking fund methods, and life insurance. (1928-1929; 1929-1930; 1931-1932).

208. COLLEGE GEOMETRY—Three hours, second semester. An advanced course in Plane Geometry. It includes the solution of construction problems as well as a study of the modern geometry of the triangle, and its related circles. (1929-1930).

209,210. DIFFERENTIAL AND INTEGRAL CALCULUS—Five hours, each semester. Pre-requisites, Mathematics 102 and 103, (1927-1930).

MUSIC AND FINE ARTS

Art 101,102. FREE HAND DRAWING—Two hours each semester. 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, $20.00.

Art 201,202. ADVANCED FREE HAND DRAWING—Two hours each semester. 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. Pre-requisites, Art 101 and 102. Special fee, $20.00.

Art 203. WATER COLOR PAINTING—Two hours, first semester. Two three-hour periods each week. Painting from still life, models, and landscape. Lectures, laboratory work, and criticisms. Special fee, $20.00.

Art 204. ADVANCED WATER COLOR PAINTING—Two hours, second semester. Two three-hour periods each week. Painting from still life, models, and landscape. Lectures, laboratory work, and criticisms. Pre-requisite, Art 203. Special fee, $20.00.

Art 301,302. DRAWING FROM LIFE—Two hours each semester. Two three-hour periods each week. Drawing from the living models with lectures and problems in surface anatomy and figure composition. Pre-requisites, Art 201 and 202. Special fee, $30.00 per semester.

Art 303,304. OIL PAINTING—Two hours each semester. Two three-hour periods each week. Painting from living costume models. Pre-requisites, Art 301 and 302. Special fee, $30.00 per semester.

DRAMATICS

219,220. DRAMATICS—(See English for description).

MUSIC

Work done in applied music, by students who have completed a high school course, or its equivalent, and whose advancement in the subject for which credit is desired is compatible with granting of such credit, may be accredited upon the following basis, after the application for such credit has been filed with the office of the College and duly approved:

Piano, Violin or Band Instruments—

1 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—

1 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 the Youngstown College, or by courses accepted in lieu thereof by the regularly constituted authorities.

Music 101,102. SIGHT SINGING AND EAR TRAINING—One hour each semester. 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. Special fee, $5.00 per semester.

Music 103,104. ELEMENTARY HARMONY—Two hours each semester. 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. Text, Harmonic Materials, Weidig.

Music 105,106. APPRECIATION OF MUSIC—Two hours each semester. Two recitations each week. A discussion of the problems of listening to music, designed primarily for the non-professional listerner. Lectures, outside readings, study of phonographic records, reports. (No pre-requisites).

Music 201,202. ADVANCED HARMONY—Three hours each semester. 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. Text—Harmonic Materials, Weidig. (Pre-requisites, 101, 102, 103, 104).

Music 203,204. HISTORY OF MUSIC—Two hours each semester—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.

Music 301,302. STRICT COUNTERPOINT—Two hours each semester. 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. (Pre-requisites 101, 102, 103, 104, 201, and 202).

Music 303,304. HISTORY OF MUSIC—Three hours each semester. 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.

PUBLIC SPEAKING

116,117,118. PUBLIC SPEAKING—(See English for description.)

PHILOSOPHY

301. INTRODUCTION TO PHILOSOPHY—Three hours, first semester. An examination of the meaning, scope, methods and value of philosophy and of its relation to science, history and religion.

302. ETHICS—Three hours, second semester. The course includes a study of the nature, origin and significance of the moral life as viewed from the standpoint of history, and with special application to present conditions.

PHYSICAL EDUCATION

101,102. PHYSICAL EDUCATION AND HYGIENE (Men)—One hour, each semester, three periods 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.

103,104. PHYSICAL EDUCATION AND HYGIENE (Women)—One hour each semester, three periods each week. The course includes calisthenics, basket ball, tennis, swimming, recreative games, folk and aesthetic dancing, personal hygiene. Required of Freshmen.

205,206. ADVANCED PHYSICAL EDUCATION (Men)—One hour each semester, three periods each week. A continuation of courses 101, 102. Required of Sophomores.

207,208. ADVANCED PHYSICAL EDUCATION (Women)—One hour each semester, three periods each week. A continuation of courses 103, 104. Required of Sophomores.

PHYSICS

201,202. GENERAL COLLEGE PHYSICS—Five hours each semester. Lectures and recitations in mechanics and heat the first semester, and in mechanism and electricity the second semester. Three lectures or recitations and two two-hour laboratory periods per week.

POLITICAL SCIENCE

301,302. AMERICAN GOVERNMENT—Three hours each semester. The organization and functions of the Federal Government in comparison with the governments of other important countries. Also the organization and administration of state and local governments.

304. INTERNATIONAL RELATIONS—Three hours, second semester. A discussion of the problems of internationalism in relation to the interests of the people of the United States.

Such interests as the following are studied: nationalism, conflict of color, peaceful penetration, open door policy, Pan-Americanism, allied debts and world courts. Not open to Freshmen.

305. INTRODUCTION TO POLITICAL SCIENCE—Three hours, first semester. An introduction to American political life.

306. AMERICAN POLITICAL PARTIES—Three hours, second semester. A continuation of Political Science 305 with particular emphasis on political parties. (Pre-requisite, Political Science, 305).

PSYCHOLOGY

201. GENERAL PSYCHOLOGY—Three hours, first semester. An introductory course to the general field of Psychology. Text, tests, and discussions.

202. SOCIAL PSYCHOLOGY—Three hours, second semester. A study of psychological principles and methods applied to social problems and the factors influencing social and political life. Pre-requisite, Psychology 201.

SOCIOLOGY

301. PRINCIPLES OF SOCIOLOGY—Three hours, first semester. 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 discussion.

302. SOCIAL PROBLEMS—Three hours, second semester. A study of the social problems of society. (1928-1929).

304. SOCIAL PATHOLOGY—Three hours, second semester. A study of the socially maladjusted groups, such as the feeble-minded, the poor and the criminal. (1927-1928).

306. HISTORY OF SOCIAL THOUGHT—Three hours, second semester. A history of human society and social thought. (1930-1931).

307. SOCIAL TREATMENT OF CRIME—Three hours, first semester. The course includes Criminology and Penology. The nature and causes of crime and criminals, and the organization of judicial and penal institutions. (1928-1929).

SPANISH

101. ELEMENTARY SPANISH—Four hours, first semester. This course is intended for students who have no knowledge of the language. During the course the essentals of grammar are taken up, with constant practice in pronunciation and drill in verbs. As rapidly as the progress of the class permits, a reader is introduced and simple conversation in Spanish is employed.

102. ELEMENTARY SPANISH—Four hours, second semester. This course is open to those who have had one semester of college Spanish or one year of high school Spanish. It includes syntax and verb drill, dictation, conversation, and a considerable amount of reading.

203. INTERMEDIATE SPANISH—Three hours, first semester. This course is planned for those who have had at least one year of college Spanish or two or more years of high school Spanish. It comprises a thorough review of Spanish grammar, phonetics, composition, some conversation, and the reading of modern Spanish authors.

204. INTERMEDIATE SPANISH—Three hours, second semester. This course is intended for those who have had three semesters of Spanish in college or at least three years of high school Spanish. Extensive reading of Spanish literature and some practice in composition and conversation.

STUDENTS 1929-1930

SENIORS

Edwards, Mary ..... Youngstown, Ohio
Hyman, Lewis ..... Campbell, Ohio
Jakubek, J. J. ..... Campbell, Ohio
McPhee, Jack R. ..... Struthers, Ohio
Petika, Thelma Armagost ..... Youngstown, Ohio
Velasco, Joseph R. ..... Venezuela, South America

JUNIORS

Bare, Betty ..... Youngstown, Ohio
Buck, Virginia ..... Youngstown, Ohio
Carney, Dorothy ..... Youngstown, Ohio
Faulkner, Bessie ..... Youngstown, Ohio
Fulton, Marguerite ..... Youngstown, Ohio
Gail, Harry ..... Cortland, Ohio
Grinnen, Wayne ..... Struthers, Ohio
Gursch, W. E. ..... Youngstown, Ohio
Herman, Francis ..... Youngstown, Ohio
Hoffman, Anne ..... North Jackson, Ohio
Hubler, John ..... Youngstown, Ohio
MacDonald, John ..... Youngstown, Ohio
Maine, William ..... Youngstown, Ohio
Minich, Calvin ..... Youngstown, Ohio
Nateman, Raymond ..... Youngstown, Ohio
Petrillo, Andrew ..... Youngstown, Ohio

SOPHOMORES

Breen, Ida ..... Youngstown, Ohio
Chambers, James ..... Youngstown, Ohio
Comstock, William ..... Struthers, Ohio
Conway, Byron ..... Youngstown, Ohio
Conway, Daniel ..... Youngstown, Ohio
Dean, Doris ..... Youngstown, Ohio
Golomb, Morris ..... Youngstown, Ohio
Gottesman, Ellen ..... Youngstown, Ohio
Gulanish, Ann ..... Youngstown, Ohio
Keister, Alden ..... Youngstown, Ohio
Kendall, Herbert ..... Youngstown, Ohio
Kretzer, Isadore ..... Youngstown, Ohio
Lesher, Marlea ..... Youngstown, Ohio
Lloyd, Henry ..... Youngstown, Ohio
Lyden, Burke ..... Youngstown, Ohio
McGinnis, Ralph ..... Youngstown, Ohio
McMullin, James ..... Masury, Ohio
Makres, Louis ..... Youngstown, Ohio
Mele, Pat ..... Youngstown, Ohio
Merwin, Howard ..... Youngstown, Ohio
Miller, Thomas ..... Youngstown, Ohio
Moses, John ..... Youngstown, Ohio
Mullin, Robert ..... Youngstown, Ohio
O'Neil, Anthony ..... Girard, Ohio
Raznoff, William ..... Fowler, Ohio
Root, Lawrence ..... Youngstown, Ohio
Sack, Belle ..... Boyers, Pa.

Sewell, Mrs. Bessie ..... Youngstown, Oh
Shively, Willis ..... Mineral Ridge, Oh
Shobar, Joseph ..... Youngstown, Oh
Thompson, Mollie ..... Struthers, Oh
Wales, Hajean ..... Youngstown, Oh
Williams, Dale ..... Hubbard, Oh
Young, Imogene ..... Mineral Ridge, Oh
Zedaker, Betty ..... Poland, Oh

FRESHMEN

Abramovits, Carl ..... Youngstown, Oh
Altiere, Angela ..... Hubbard, Oh
Barker, William ..... Struthers, Oh
Barto, Peter ..... Youngstown, Oh
Beaumier, George ..... Hubbard, Oh
Bownas, William ..... Youngstown, Oh
Boylan, Donald ..... Struthers, Oh
Brown, Harold ..... Youngstown, Oh
Brown, Mabel ..... Niles, Oh
Carmelo, Gladys ..... Youngstown, Oh
Centefante, Albert ..... Youngstown, Oh
Cessna, Ralph ..... Tyrrell, Oh
Clewes, Earl ..... Niles, Oh
Crawford, Ralph ..... Warren, Oh
Crouse, Wilmer ..... North Lima, Oh
Daff, Leo ..... Youngstown, Oh
Delanty, Thomas ..... Youngstown, Oh
Dougherty, Marion ..... Youngstown, Oh
Edwards, Louis ..... Burghill, Oh
Forman, Ruth ..... Canfield, Oh
Fulton, Ida Mae ..... Youngstown, Oh
Furdas, Olga ..... Youngstown, Oh
Gallagher, Sarah ..... Youngstown, Oh
Grena, Katherine ..... Youngstown, Oh
Halferty, Arthur ..... Youngstown, Oh
Harrison, Robert ..... Girard, Oh
Hoover, William ..... Youngstown, Oh
Hoskinson, John ..... Mineral Ridge, Oh
Hossel, Pauline ..... Youngstown, Oh
Hunter, John ..... Youngstown, Oh
Irwin, Kenneth ..... Nutwood, Oh
James, Paul ..... Youngstown, Oh
Johnston, Marguerite ..... Youngstown, Oh
Jones, Fred ..... Youngstown, Oh
Kennedy, Mary ..... Canfield, Oh
Kerr, George ..... Poland, Oh
Klupie, Margaret ..... Youngstown, Oh
Laine, Adolph ..... Youngstown, Oh
Laramay, Lou Rene ..... Mineral Ridge, Oh
Leidy, Grace ..... Youngstown, Oh
L'Orange, Finn F. ..... Columbiana, Oh
Love, Minet ..... Girard, Oh
Lucarelli, Rocco ..... Youngstown, Oh
McCambridge, James ..... Girard, Oh
Mahar, Mary ..... Youngstown, Oh
Markusick, David ..... Mineral Ridge, Oh
Marshall, Paul ..... Niles, Oh
Marsola, Adeline ..... Youngstown, Oh
Mentzer, Thelma ..... Youngstown, Oh
Miller, Elizabeth ..... New Middletown, Oh

Moreno, Anthony ..... Youngstown, Ohio
Nagy, Andrew ..... Campbell, Ohio
Naples, John ..... Youngstown, Ohio
Nesbitt, Jesse ..... Scienceville, Ohio
Netzler, Charles ..... Youngstown, Ohio
Oberst, Betty ..... Youngstown, Ohio
O'Brien, James ..... Youngstown, Ohio
Oreskovich, John ..... North Jackson, Ohio
Overly, Clifford ..... Youngstown, Ohio
Parm, Joseph ..... Youngstown, Ohio
Peterson, Harry ..... Youngstown, Ohio
Radu, George ..... Youngstown, Ohio
Reigelman, Alvin ..... Youngstown, Ohio
Rich, James J. ..... Campbell, Ohio
Rome, Manuel ..... Youngstown, Ohio
Santangelo, Alfred ..... Youngstown, Ohio
Scott, Robert ..... Youngstown, Ohio
Seller, Rae ..... Youngstown, Ohio
Shale, Paul D. ..... Youngstown, Ohio
Short, Helen ..... Youngstown, Ohio
Sloan, Anna ..... Youngstown, Ohio
Smith, Esma ..... Youngstown, Ohio
Steele, Frances ..... Lowellville, Ohio
Stevenson, Irene ..... Youngstown, Ohio
Strollo, Germinal ..... Youngstown, Ohio
Strouss, Margaret A. ..... Youngstown, Ohio
Sullivan, Robert ..... Youngstown, Ohio
Summers, La Rue ..... North Lima, Ohio
Summers, Isabelle ..... Youngstown, Ohio
Sutherland, Mrs. Hazel ..... Scienceville, Ohio
Thomas, Edward ..... Youngstown, Ohio
Thompson, Morris ..... Youngstown, Ohio
Treat, Joseph ..... Youngstown, Ohio
Watkins, Frank ..... Youngstown, Ohio
Welk, Floyd ..... Scienceville, Ohio
Wendelken, Theodora ..... Youngstown, Ohio
Werner, Clyde ..... Hubbard, Ohio
Werner, Ray ..... Hubbard, Ohio
Wheland, Walter ..... North Lima, Ohio
Williams, Lewis ..... Girard, Ohio
Wilson, Mabel ..... Youngstown, Ohio
Young, Wade ..... Youngstown, Ohio
Young, Paul ..... North Jackson, Ohio
Zimmerman, Ada ..... Canfield, Ohio

IRREGULAR STUDENTS

Jones, Mrs. G. C. ..... Youngstown, Ohio
Knowles, Mrs. H. C. ..... Youngstown, Ohio
Nearpass, Mrs. Homer ..... Youngstown, Ohio
Scheidemantel, Hilbert C. ..... Youngstown, Ohio
Wright, Maude ..... Youngstown, Ohio
Weinhold, Mrs. Bruce ..... Youngstown, Ohio
Young, Daisy ..... Youngstown, Ohio