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Kenyon College

1904-1905

1904

1905

CATALOGUE

OF

KENYON COLLEGE

GAMBIER, OHIO.

THREE DEPARTMENTS.

Collegiate	-	-	-	-	-	Kenyon College
Theological	-	-	-	-	-	Bexley Hall
Preparatory	-	-	-	-	-	Kenyon Military Academy

COLLEGE CALENDAR

1904-1905

First Semester

- Sept. 20—Tuesday
.....College opens with Evening Prayer 5 o'clock
Oct. 4—TuesdayBexley opens with Evening Prayer
Nov. 1—TuesdayAll Saints' Day. Founders' Day
Nov. 24—ThursdayThanksgiving Day
Dec. 20—TuesdayCollege closes for Christmas recess
Jan. 10—Tuesday
.....College opens with Evening Prayer 5 o'clock
Feb. 14—TuesdayFirst Semester ends

Second Semester

- Feb. 14—TuesdaySecond Semester opens
March 8—Wednesday ..Ash Wednesday
April 18—TuesdayCollege closes for Easter recess
April 25—Tuesday
.....College opens with Evening Prayer 5 o'clock
June 1—ThursdayAscension Day
June 25—SundayBaccalaureate Sunday
June 27—TuesdayAnnual meeting of the Board of Trustees
June 28—Wednesday ..Seventy-seventh Annual Commencement

1905-1906

First Semester

- Sept. 19—Tuesday
.....College opens with Evening Prayer 5 o'clock
Oct. 3—TuesdayBexley Hall opens with Evening Prayer
Nov. 1—Wednesday ..All Saints' Day. Founders' Day
Nov. 30—ThursdayThanksgiving Day
Dec. 19—TuesdayCollege closes

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ARTICLE IV.**

	Term expires
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The Hon. Harlan Cleveland, Cincinnati.....	1905
The Very Rev. Charles D. Williams, Cleveland.....	1907
The Hon. Albert Douglas, Chillicothe.....	1907
The Rev. John H. Ely, College Hill.....	1909
Mr. Samuel Mather, Cleveland.....	1909
The Rev. Cleveland K. Benedict, Glendale.....	1911
Mr. Desaut B. Kirk, Mount Vernon.....	1911

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AND SOUTHERN OHIO, UNDER ARTICLE V.**

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The Hon. Ulysses L. Marvin, Akron.....	1905
The Rev. Frank W. Bope, Zanesville.....	1906
Mr. David Z. Norton, Cleveland.....	1906
The Rev. Abner L. Frazer, Youngstown.....	1907
Dr. Nathaniel P. Dandridge, Cincinnati.....	1907

ELECTED BY THE ALUMNI, UNDER ARTICLE VI.

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The Hon. Talfourd P. Linn, Columbus.....	1905
The Rt. Rev. David H. Greer, Bishop-Coadjutor of New York.....	1906
Mr. Florian Giauque, Cincinnati.....	1906
The Rev. William Thompson, Pittsburgh, Pa.....	1907
Mr. James H. Dempsey, Cleveland.....	1907

**ELECTED BY CONVENTIONS OF OTHER DIOCESES,
UNDER ARTICLE VIII.**

Diocese of Lexington

Judge A. D. Cole.....	Maysville, Ky.
-----------------------	----------------

Diocese of West Virginia

Mr. Joseph D. Dubois.....	Wheeling, W. Va.
---------------------------	------------------

Diocese of Pittsburgh

The Rev. William E. Rambo.....	Brownsville, Pa.
--------------------------------	------------------

Diocese of Indianapolis

Mr. Henry Buttolph.....	Indianapolis, Ind.
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STANDING COMMITTEES

ON THE SCHOOLS

The Bishop of West Virginia

President Peirce
The Rev. Mr. Ely

The Rev. Mr. Hewitt
Mr. Dubois

ON FINANCE

Mr. Linn

Mr. Kirk
Mr. Mather

Mr. Dempsey
Mr. Norton

Judge Marvin

ON INVESTMENTS

Mr. Mather

Mr. Linn
Mr. Kirk

Mr. Dempsey
Mr. Norton

Judge Marvin

ON LIBRARIES

President Peirce

Dean Williams

Judge Cole

Mr. Giaque

ON BUILDINGS AND GROUNDS

President Peirce

Mr. Kirk

Mr. Dempsey

EXECUTIVE COMMITTEE

(Elected)

Mr. Linn

Mr. Kirk
President Peirce

The Rev. Mr. Hewitt
Mr. Cleveland

BOARD OF HONORS

The Executive Committee and Dr. Dandridge

SECRETARY OF THE BOARD

The Rev. A. L. Frazer, Youngstown, Ohio

TREASURER

Professor R. S. Devol, Gambier

CONSULTING ARCHITECT

Charles F. Schweinfurth, Cleveland

WING FUND COMMISSION

Term expires

President Peirce, Chairman.....	1907
Professor Streibert	1905
Mrs. Grace Wing Baker.....	1906
Miss Helen A. Buttles.....	1908
Mr. Alvin G. Scott.....	1909

OFFICERS OF INSTRUCTION AND GOVERNMENT

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L. H. D. (Hobart)
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Emeritus Professor of Mathematics and Civil Engineering
Dean of the Collegiate Department

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McIlvaine Professor of English

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RUSSELL SEDWICK DEVOL, M. A. (Ohio)

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EDWIN BRYANT NICHOLS, B. A. (Wesleyan), M. A. (Harvard)

Samuel Mather Professor of Romance Languages

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Benson Memorial Professor of Latin

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B. D. (Kenyon)

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JOHN SMITH HARRISON, M. A., Ph. D. (Columbia)

Instructor in English

C. N. WYANT

Regent of the Military Academy

HERBERT FRITH WILLIAMS, B. A. (Kenyon)

Regent of the Military Academy

MASTERS AT THE MILITARY ACADEMY

J. B. GREENE, M. A., Headmaster

CAPTAIN H. P. RANKIN, Commandant

W. H. MITCHELL, M. A.

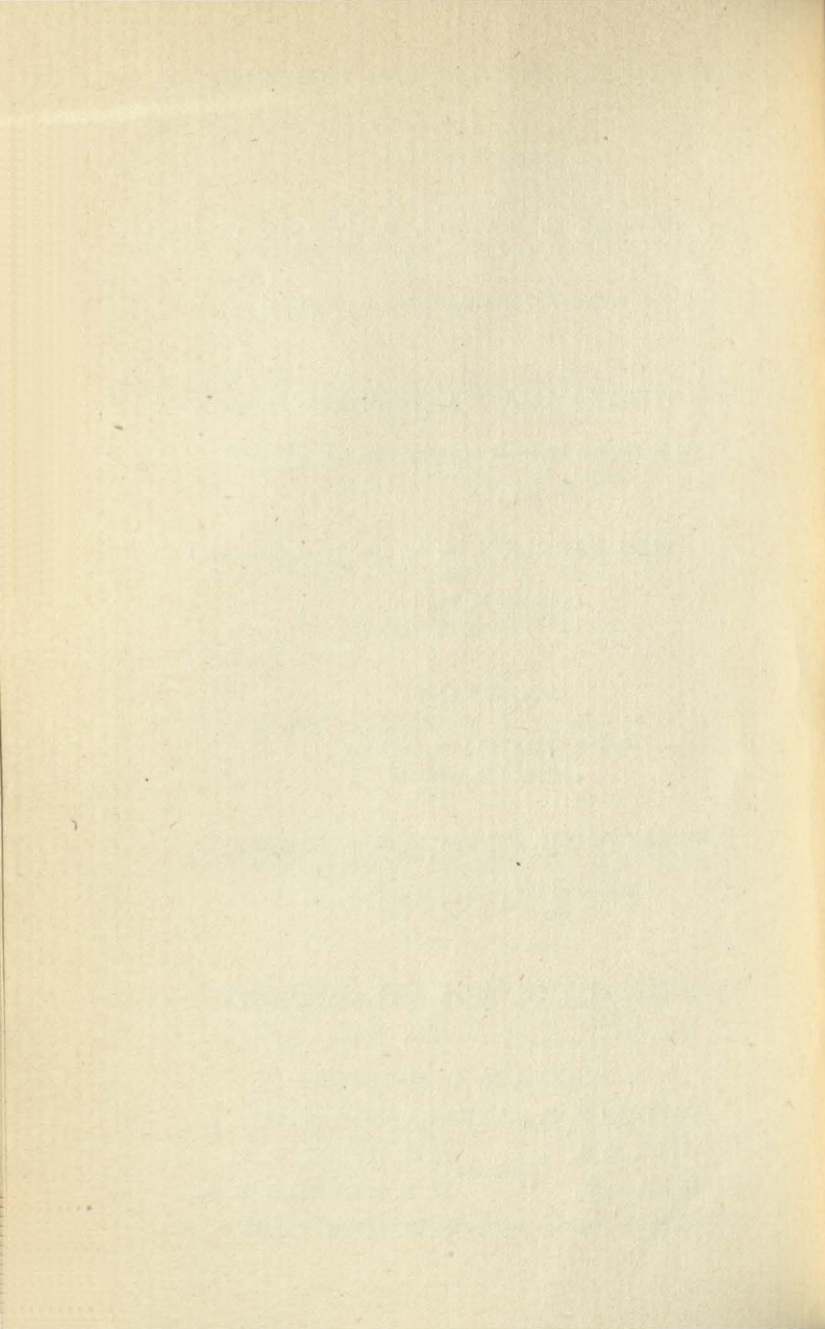
A. G. MEIER, M. A.

C. A. PARMELEE, M. A.

H. B. MERRILL, B. A.

F. R. SALWAY.

R. G. LOTSPIECH, B. A.



KENYON COLLEGE.

The institution now known as Kenyon College was removed from Worthington, Ohio, to Gambier in the year 1828. It had been incorporated, and a constitution adopted by the Convention of the Diocese of Ohio, under the name of "The Theological Seminary of the Protestant Episcopal Church in the Diocese of Ohio." By a supplementary act of the Legislature, the president and professors of the seminary were empowered to act as the faculty of a College and confer degrees in the arts and sciences.

After many changes of plan, and some amendments to the constitution, the final result was the establishment of three institutions—a Theological Seminary, a College, and a Preparatory School, each independent of the others, but all under the control of the Bishop of the Diocese and the Board of Trustees. The Bishop was ex-officio President of the Board and President of the Theological Seminary. He had the power of nominating the President of the College, and during the recesses of the Board, he acted as Prudential Committee, with full power to decide all secular matters arising at such times.

In August, 1891, a new constitution took effect, having received the assent of the Convention of the Diocese of Ohio, of the Board of Trustees, and the Bishops of Ohio and of Southern Ohio.

By the new constitution the corporate name was changed from "The Theological Seminary of the Protestant Episcopal Church in the Diocese of Ohio" to "Kenyon College." The three heretofore independent insti-

tutions were consolidated into one institution, of which the President of Kenyon College is the head. The Bishop of Ohio has voluntarily resigned most of his peculiar powers and privileges. He now presides alternately with the Bishop of Southern Ohio at the meetings of the Board of Trustees, and the two Bishops retain a joint supervision of the spiritual interests of the institution.

Instead of three independent institutions, there is one institution which includes three departments, or schools; a Theological School, Bexley Hall; a Collegiate School, Kenyon College; and a Preparatory School, Kenyon Military Academy.

In 1898 the constitution was again amended. The most important alteration is in the composition of the Board of Trustees. By Article VIII of the amended constitution "the Bishop and Bishop-Coadjutor of any diocese outside the State of Ohio may become members of the Board by filing with its Secretary a written acceptance of an offer by the Board of such membership. And, upon such acceptance, by its Bishop, one additional Trustee may be appointed, for the term of three years, by the Diocesan Convention of such Diocese." The Bishops of Chicago, Pittsburgh, Michigan Citv. Lexington, West Virginia, Iowa and Indianapolis have been elected to membership, and several of these Dioceses have elected other Trustees.

Gambier, the seat of Kenyon College, is a village of about five hundred inhabitants, on the Cleveland, Akron and Columbus Railroad, a little east of the center of the State of Ohio, fifty miles from Columbus, five miles from Mount Vernon, and one hundred and twenty miles from Cleveland. The altitude of the College above sea level is more than a thousand feet. The site was chosen by Bishop Chase, after careful investigation, for natural

beauty of surroundings, healthfulness of climate, and freedom from influences that might prove detrimental to the physical and moral welfare of students. The plateau on which the College and village are situated, rises about two hundred feet above the valley of the Kokosing River, which flows around it on three sides.

COLLEGE GROUNDS

The natural situation of the College is favorable, commanding a view of the fertile, smiling valley of the Kokosing, with a gentle undulating background of cultivated hills. As Gambier Hill projects into the valley, the College park commands a wide prospect on three sides. The natural charm of the situation has been enhanced by good taste in laying out the grounds. In the park, which comprises seventy-five acres, as many as possible of the old forest trees have been retained, and pains have been taken to combine the effects of lawn and woodland. The extensive lands of the College have permitted wide choice in the selection of sites for the various buildings, and the broad straight path which connects Old Kenyon with Bexley Hall is two-thirds of a mile long.

BUILDINGS

The College buildings comprise the dormitories, Old Kenyon and Hanna Hall; Ascension Hall, the recitation and laboratory building; Rosse Hall, the gymnasium and assembly room; Hubbard Hall, the College library, with which is connected the new Stephens Stack Room; the Church of the Holy Spirit, the chapel; Bexley Hall, the theological seminary; Colburn Hall, the new theological library; Milnor and Delano Halls, the buildings of the preparatory school; "Kokosing," the beautiful stone mansion of Bishop Bedell, standing in its own extensive park; and various other buildings.

OLD KENYON

Old Kenyon, the College dormitory, which was built in 1827, is a massive stone building, one hundred and sixty feet long and three stories high, with solid stone walls four feet thick. The building is surmounted by a spire which contains the old College bell, which has recently been recast at the Meneely Foundry at the expense of the Alumni.

The building contains sixty rooms. It was thoroughly renovated in the summer of 1896. Dry sub-cellars now insure good ventilation; water has been carried throughout the building, bath-rooms have been put in, a hot water heating apparatus heats the halls and rooms, and the whole building is in repair. In the renovation, care has been taken to preserve the quaint features of the old college, such as the deep window seats, the diamond panes, the old-fashioned woodwork, the heavy doors.

HANNA HALL

This new dormitory was opened to students for the first time in December, 1903. The building is of gray Cleveland sandstone, in Collegiate Gothic style. It is two stories high, with gables, one hundred and twenty feet long by fifty feet deep, and contains quarters for about forty-five students. The building is constructed throughout in the best and most substantial way.

The door and window casings and wainscot are of Flemish oak, and the floors of polished hard maple. Heat is furnished by steam boilers. Running water is supplied in every bed-room. In comfort and in elegance of appointment the building will rank with the best college dormitories in the country.

Hanna Hall was built in honor of his wife by the late Hon. M. A. Hanna, United States Senator from

Ohio, at a cost of about \$65,000. Charles F. Schweinfurth, of Cleveland, is the architect.

ASCENSION HALL

Ascension Hall is a stately and spacious building of drab sandstone, in Collegiate Tudor architecture. It is one hundred and thirty feet long, fifty feet broad, and three stories high. It was erected by the liberality of the Church of the Ascension, New York, through the influence of Bishop Bedell. It contains the lecture and recitation rooms, the physical, chemical and biological laboratories and workshops, the halls for literary societies, and the offices of the President and Treasurer. The tower of the building serves as the astronomical observatory. During the summer of 1899, by the generosity of Samuel Mather, Esq., of Cleveland, boilers were placed in the basement to supply both Ascension and Rosse Halls with steam heat.

BEXLEY HALL

Bexley Hall, the home of the Theological Seminary, stands in its own park of several acres. It is a three-story building, of pure Elizabethan architecture, and contains furnished suites of rooms for thirty-four students, a chapel and recitation rooms. Through a gift of Samuel Mather, Esq., of Cleveland, a steam heating plant has recently been placed in the building.

MILNOR AND DELANO HALLS

The preparatory department of the College occupies Milnor Hall and Delano Hall, two large substantial brick buildings, the latter of which was erected through the liberality of the late Columbus Delano, of Mount Vernon. They are heated by steam and provided with

an abundant supply of pure water and an excellent system of drainage. The grounds about the buildings comprise about sixty acres, and afford large stretches of lawn, ample playgrounds and pleasant walks.

COLLEGE CHAPEL

The Church of the Holy Spirit, the College chapel, was built in 1869, by the Church of the Ascension, New York, as a tribute to their former rector, Bishop Bedell. It is a cruciform edifice of early English architecture. It is built of freestone laid in courses, with dressed quoins and facings. The nave and chancel are ninety feet, the transepts eighty feet in length. Ivy, transplanted from Melrose Abbey, covers the walls.

The interior of the church is finished in oak, the walls are tastefully illuminated, and all the windows are of stained glass. The organ is a memorial to Bishop McIlvaine, and a mural tablet, erected by the Diocese of Ohio, commemorates the founder of Kenyon College, the Rt. Rev. Philander Chase.

In the Church tower is the College clock and a set of bells, which ring the Centerbury chimes.

By the will of the late Mrs. Bedell a fund of \$5,000 has been established for keeping the church and Koko-sing in repair.

COLLEGE LIBRARY

The library of Kenyon College occupies Hubbard Hall and the Stephens Stack Room, both handsome stone buildings connected by a stone corridor. Hubbard Hall is the gift of the late Mrs. Ezra Bliss, of Columbus, and was named in honor of her brother. The first floor is used as a reading and consulting room, and the second for a museum and trophy room.

The stack room is the gift of the late James P. Stephens, '59, of Trenton, New Jersey. It is a fire proof building, stone, brick, iron, and glass being the only materials used in its construction, and it is separated from Hubbard Hall by a double set of fire proof doors. The cases and shelves are of handsome steel construction and were built by the Jamestown Art Metal Company. The capacity is about 50,000 volumes.

The library contains about 32,000 volumes of which some 20,000 are works of general literature and 12,000 theological.

The library is catalogued according to the decimal classification system of Mr. Melvil Dewey, and the librarian is in attendance eight hours a day. For a small college the library is remarkably full, and fulfills admirably its function as a working library for undergraduate courses. The collections in biography, English history and philosophy are particularly good, and the mathematical department contains the library of the late John N. Lewis, of Mount Vernon, which consists of some 1,200 volumes. Accessions are made on the recommendations of the several professors.

The purchase of new books is well provided for by several endowments. The Hoffman fund was established by Frank E. Richmond, Esq., of Providence, R. I., for the purchase of new books. In 1901 the James P. Stephens Library Fund of about \$18,000 was founded by James P. Stephens, '59, of Trenton, N. J. By the wish of the donor a considerable part of the income will for the present be devoted to the purchase of classical works in other languages than English. The Vaughn Fund provides for the binding of periodicals.

The library is a circulating library. All books except standard books of reference may be drawn out, and

each student is entitled to four books at one time for a period not exceeding a fortnight.

The reading room receives the leading American and English periodicals, and two or three French and German reviews, and is open to students during the library hours. The same policy about circulation is pursued in the reading room as in the library; all periodicals except those for the current week or month may be drawn out for three days' time.

COLBURN HALL

Colburn Hall, the library of the theological seminary, is in the same style of architecture as Bexley Hall, with which it is connected by a handsome Tudor arch. It is the gift of Mrs. L. C. Colburn, of Toledo, and is occupied for the first time during the current year.

The theological library of about 12,000 volumes, which is housed in Colburn Hall, contains many rare and curious volumes, some of which have no duplicates on this side of the Atlantic. The nucleus of the library consists of gifts to Bishop Chase from members of the Oxford and Cambridge colleges. Bishop Bedell's private library of about 2,500 volumes has recently been added, and further additions are made from the funds given by Charles D. Betts and Mrs. Bedell.

PHYSICAL CULTURE.

Rosse Hall, which serves as a gymnasium and assembly room, is an Ionic structure, built of sandstone, one hundred by seventy-five feet in dimensions. On May 9, 1897, it was destroyed by fire. The reconstruction of the building is due to the generosity of James P. Stephens, Mrs. Bedell, and other friends of the College, and especially Mrs. Mary A. Simpson, of Sandusky,

whose gift is to be known as "The William and Mary Simpson Memorial Fund." To the restoration was also applied a bequest of five thousand dollars from the late Senator Sherman. The external appearance of the building is unchanged, but its interior arrangement is greatly improved. The principal hall is arranged, as before, for a gymnasium and assembly hall, and is equipped with an ample supply of modern apparatus presented by a number of classes of the Alumni. It is provided with a large and handsome stage well adapted for public assemblies and dramatic presentations. A dry, high basement story extends under the entire building.

The athletic grounds are ample and favorably situated. The baseball and football fields lie at the foot of the hill below Old Kenyon, where the shaded hillside affords a natural grandstand. The tennis courts are excellent. There is a quarter-mile cinder track, and the facilities for general field sport are good.

A room in the basement of Old Kenyon is fitted up with shower baths, lockers and other appliances for the use of the athletic teams.

LABORATORIES

The north end of Ascension Hall comprising eighteen rooms is given up to the physical, chemical and biological laboratories. The Bowler Fund furnishes ample provision for accessions of apparatus and books.

The Physical Laboratory is a well lighted room supplied with steam heat, and all conveniences for individual work. In the center of the room has been placed a substantial pier, insulated from the floor and walls of the building and resting on foundations of masonry. The top of this pier is of polished sandstone, and is used in adjusting and testing delicate measuring instruments

and for experiments in magnetometry. The department is supplied with micrometers, microscopes, balances, galvanometers, rheostats, and all apparatus required for the performance of experiments to train the eye and hand in refined use. There are also copies of the standards of mass, length, resistance, etc., together with a very complete equipment for quantitative work in optics, sound, heat and electricity.

The basement contains the engine room with a 12 horse power engine and a Siemens and Halske generator which supplies current at 125 volts throughout the laboratories, giving opportunity for practical work in dynamic electricity on the commercial scale. The engine room contains also the marble switch board with Weston instruments and a 30,000 pound testing machine by Riehle Bros., adapted for tensile, compression and transverse tests of all materials.

The chemical laboratory occupies eight rooms in addition to the lecture and preparation rooms and museum. The laboratory in general chemistry has been enlarged and now accommodates sixty students. The laboratories for work in qualitative and quantitative analysis and organic chemistry are smaller but well equipped. There are five hoods and ample store room facilities, and the stock of chemicals and apparatus has been made very complete. There are seven analytical balances and an assay balance in the pier room and the collections in crystallography, mineralogy and organic chemistry have been enlarged recently.

In the basement of Ascension Hall is a room for furnace work in assaying and organic analysis. This room has cement walls and concrete floor and is provided with two combustion furnaces, a tube furnace, a crucible furnace and two muffle furnaces, the latter operated by a large double burner blow-pipe, using gasoline according

to Hoskins. There is also a large crucible furnace burning coke, and a Weatherhead rock crusher. In this room are the stock of crude chemicals, fluxes, etc., and the rock crusher, pulverizer and samplers, and pulp balances and air-blast furnace.

While it is intended to keep the apparatus and supplies used in the chemical laboratory distinct from the lecture-room equipment, a few advanced students are usually given access to the demonstration apparatus. This department provides its own library of four hundred volumes, including most of the standard manuals, dictionaries and works of reference in English, German and French. This department also maintains files of the following periodicals: Astrophysical Journal, Electrical World, Cassier's Magazine, American Journal of Chemistry, Journal of the American Chemical Society, Journal of Physics, Science, Berichte der deutschen chemischen Gesellschaft, Jahresbericht, Scientific American and Supplement, Review of Chemical Research, and Smithsonian Miscellaneous Collections, etc., together with theses, memoirs and publications of the universities.

The Biological Laboratory occupies rooms on the third floor of Ascension Hall. The room for histological work is well lighted by skylight and contains twelve Bausch and Lomb compound microscopes, ten dissecting microscopes, with paraffine bath, incubator, sterilizers and Minot microtome. There are desks and lockers for twelve students and sufficient supplies of material for present needs. The museum of natural history is incomplete, but a considerable beginning has been made and it is hoped that the collection of local representative types will soon be available for work in analysis. This department has its own working library.

THE DEPARTMENT OF MATHEMATICS AND ASTRONOMY

The observatory has a telescope of five and one fourth inches aperture, the object glass of which was made by Alvan Clark & Son. It is also supplied with a transit of two inches aperture and a sidereal clock. The Department of Astronomy owns a set of Trouvelot astronomical drawings.

The income of the Delano Astronomical Fund is used for the college observatory.

For the use of students in surveying, the department of Mathematics has an excellent transit, Y level and compass, with the necessary appurtenances. A series of field exercises in the use of these instruments is given in connection with text-book study.

RELIGIOUS SERVICES

Morning and Evening Prayer are said daily in the College Church. The Holy Communion is celebrated every Sunday at 7:30 a. m., every Thursday at 7:00 a. m., and also at 10:30 a. m. on the first Sunday in the month. On every Saint's Day the service of Morning Prayer and the Holy Communion is said at 9:00 a. m. Students are required to be present at Morning Prayer every day and at Church services on Sunday and the chief Holy Days. The other services are voluntary. The choir consists of College students.

COLLEGE SERMONS

The College preachers for the year 1903-1904 were the following:

St. Luke's Day—The Rev. Thomas R. Hazzard, of the Diocese of New York.

Twenty-second Sunday after Trinity—The Bishop of Ohio.

Fourth Sunday in Advent—The Rev. James E. McGarvey, of the Diocese of Oklahoma.

First Sunday after the Epiphany—The Rev. J. Townsend Russell, of the Diocese of Long Island.

Second Sunday after the Epiphany—The Bishop of Oklahoma.

Second Sunday after the Epiphany—The Rev. Rolla Dyer, of the Diocese of Ohio.

First Sunday after Easter—The Rev. President Peirce.

Third Sunday after Easter—The Rev. Wilson R. Stearly, of the Diocese of Ohio.

St. Philip and St. James's Day—The Bishop of Marquette.

Fifth Sunday after Easter—The Bishop of Marquette.

Third Sunday after Trinity—The Bishop of Kansas; The Rev. Ernest M. Stires, L. H. D., of the Diocese of New York.

THE BEDELL LECTURESHIP

A fund of five thousand dollars has been given to the college by Bishop and Mrs. Bedell for the establishment of a lecture or lectures on the evidence of Natural and Revealed Religion, or the Relation of Science to Religion. These lectures are given biennially on Founders' Day, which is celebrated on the Festival of All Saints. The foundation provides also for the publication of the lectures.

The following lectures have been delivered:

The Rt. Rev. John Williams, D. D., LL. D., "The World's Witness to Christ." 1881.

The Rt. Rev. Henry Cotterell, D. D., "Revealed Religion in its Relation to the Moral Being of God." 1883.

The Rt. Rev. Hugh Miller Thompson, D. D., "The World and the Logos." 1885.

The Rev. James McCosh, S. T. D., LL. D., "The Religious Aspect of Evolution." 1887.

The Rev. David H. Greer, D. D., "The Historical Christ, the Moral Power of History." 1889.

The Rt. Rev. Arthur Cleveland Coxe, D. D., LL. D., "Holy Writ and Modern Thought." 1891.

The Rt. Rev. William A. Leonard, D. D., "The Witness of the American Church to Pure Christianity." 1893.

The Rt. Rev. Boyd Vincent, D. D., "God and Prayer; The Reasonableness of Prayer." 1895.

The Rev. William Reed Huntington, D. D., "A National Church." 1897.

The Rev. Morgan Dix, D. D., D. C. L., "The Supernatural Character of the Christian Religion." 1899.

The Rt. Rev. Henry C. Potter, D. D., D. C. L., "Man, Men, and Their Master." 1901.

The Rt. Rev. William Croswell Doane, D. D., "Evidence, Experience, Influence." 1903.

INTERCOLLEGIATE PRIZES

The Association for Promoting the Interests of Church Schools, Colleges and Seminaries was incorporated in 1895, through the efforts of the late Rev. Charles Frederick Hoffman, D. D., the rector of All Angels' Church, New York. The Association offers to students in Kenyon, Hobart, Trinity, St. Stephen's and the University of the South a number of prizes annually. Twenty prizes are offered for the examinations in May, 1905, as follows:

To Seniors and Juniors—A first prize of \$200 and a second prize of \$100, in English; and a first prize of \$100 and a second prize of \$50 in each of the following subjects: Greek, Latin, Mathematics and Physics.

To Sophomores and Freshmen—A first prize of \$100 and a second prize of \$50 in each of the following subjects: English, Greek, Latin, Mathematics and Physics.

ASSISTANCE

Fees for tuition and room rent are remitted to sons of clergymen and to candidates for the ministry.

THE HIGH SCHOOL SCHOLARSHIPS

By action of the Board of Trustees, dated June 26, 1900, a scholarship in Kenyon College is offered each year to a male graduate of a high school in each county of the State of Ohio. The application for such scholarship must state that the assistance is necessary to enable the student to come to Kenyon College, and must be signed by both the applicant and his father or guardian. A certificate from the Principal of the high school testifying to intellectual proficiency and moral character will also be required.

The scholarship includes room rent and tuition.

THE HENRY B. CURTIS SCHOLARSHIPS

The late Henry B. Curtis, LL. D., of Mount Vernon, granted to the Trustees of Kenyon College, a fund for the aid of meritorious students by loans of money at a low rate of interest. The interest is intended to meet only the risk of death, and is not to be greater than the average rate of life insurance.

The application for a Henry B. Curtis scholarship must be addressed to the College Treasurer, and must state the applicant's name, residence and age, his father's name and the amount asked for; and must be endorsed by the father or guardian stating that the loan is asked for with his knowledge and approval, and that he believes that the notes will be met at maturity. The Faculty will understand this application to be confidential, and in making the selection will consider all evidences obtainable as to the applicant's character, ability and merit, including his examinations in school and college, and his record for regularity, punctuality, and other good conduct. The appropriations will be made for only a year at a time. The scholarship is intended to

help the student, but not to cover all his expenses. The maximum loan for one year is one hundred and fifty dollars, but for a student's first year in college, seventy-five dollars. The sum appropriated will be paid in two equal parts, one at the beginning of each college semester. Upon each payment the student will give his promissory note for the repayment five years from date, with interest at the rate of one and a half per cent.

THE ALFRED BLAKE SCHOLARSHIPS

Three perpetual scholarships in Kenyon College owned by the Rev. Alfred Blake were given by Mrs. Blake to the College for the benefit of deserving students, to be nominated annually by the President and Faculty. These scholarships entitle the holders to tuition.

THE FRENCH PRIZE SCHOLARSHIP

This is a perpetual scholarship in Kenyon College which was given in trust to the College by Mrs. Sarah A. M. French, to be awarded to a student of Milnor Hall standing highest in his class in grade and deportment. Other things being equal, preference is to be given to a member of the Protestant Episcopal Church.

THE HANNAH MORE SCHOLARSHIP

This scholarship was established in 1835 by a bequest of two hundred pounds made by Mrs. Hannah More. The income of the fund, which now amounts to over twelve hundred dollars, is to be used by a student in the Theological Seminary.

THE CLARK SCHOLARSHIP

This scholarship was established by Mrs. Lucy Clark in 1835. The principal of the scholarship is one thousand and seventy-one dollars, the interest on which is given to a theological student.

THE McILVAINE SCHOLARSHIP

This scholarship in the Theological Department was founded by Bishop McIlvaine, through a bequest in memory of a beloved son, who was deeply attached to Gambier. The principal of this scholarship now amounts to over four thousand dollars. The incumbent of the scholarship is to be appointed by the Board of Trustees on a nomination by the Faculty; and he must have completed a classical course in college and the studies of the first year in the course of the Theological Seminary.

THE AUSTIN BADGER SCHOLARSHIP

This is a fund bequeathed by the late Austin Badger, of Medina, "to the Trustees of Kenyon College at Gambier, Ohio, the income to be expended in defraying the expenses of such dependent and needy student in said College, preparing for the ministry in the Protestant Episcopal Church, as said Board of Trustees may designate."

THE PLATT BENEDICT FUND

By the will of the late Platt Benedict, of Norwalk, certain property was left in trust to the Wardens and Vestry of St. Paul's Church in that city, the annual income of which should be paid over, "one-fifth part to the proper authorities of Kenyon College, to aid in the

support and education of young men preparing themselves for the ministry in the Theological Department of said College."

THE ORMSBY PHILLIPS FUND

This is a fund of a thousand dollars established by Mr. and Mrs. Bakewell Phillips, of Pittsburgh, to be loaned, from time to time, without interest, to a superior student for the ministry. Nominations to this scholarship are made by the Faculty of the College.

THE LEONARD SCHOLARSHIP

This scholarship is the gift of William B. Leonard and his wife, Louisa D. Leonard, of Brooklyn, New York. The income is for the support of a student of theology at Bexley Hall, and is to be paid annually to the Faculty of the Theological Seminary, for the use of such students as they may designate.

THE SULLIVAN SCHOLARSHIP

This scholarship is the gift of Phebe S. Sullivan, of New York. Its income is to be used for the same purpose and under the same conditions as the Leonard scholarship.

THE NASH SCHOLARSHIPS

By the bequest of the late Job M. Nash, of Cincinnati, \$10,000 was left in trust to provide for the tuition and living expenses of such worthy and needy students as shall be selected by the Board of Trustees. The income provides for three scholarships, of about two hundred dollars each.

THE BEDELL PRIZE SCHOLARSHIP

This scholarship is the gift of the late Mrs. Julia Strong Bedell, and is awarded to that student entering the Theological Seminary who shall have maintained the highest standing when an undergraduate of Kenyon College.

THE THOMAS A. McBRIDE SCHOLARSHIP

By the will of Mrs. Mary A. McBride, of Wooster, the sum of two thousand dollars was set aside to found a scholarship in Kenyon College in memory of her son, Thomas A. McBride, M. D., an alumnus of this college, the income of the same to be applied by the President and Faculty to the support of some deserving student.

THE SOUTHARD SCHOLARSHIP

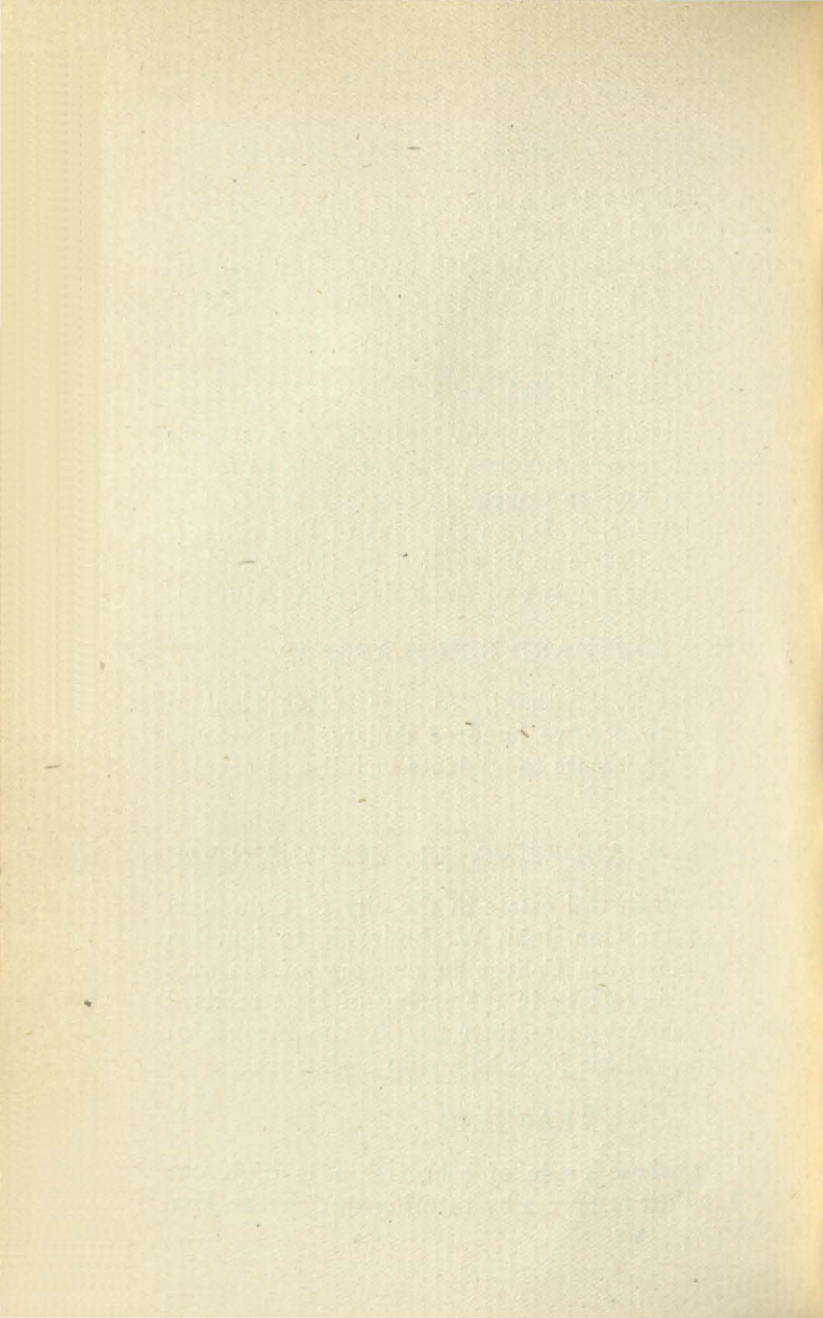
Mr. George F. Southard, '78, has established a scholarship of twenty-five hundred dollars, the income to be given by preference to students in full and regular standing.

THE JOHN W. ANDREWS, JR., SCHOLARSHIP

In 1881 certain real estate in the city of Columbus was given by the Hon. John W. Andrews, to found a scholarship in Kenyon College in memory of his son. The sale of this property in the spring of 1904 realised a sum of somewhat more than \$3,000, the income of which is now available for scholarship assistance.

TEACHING

Students whose grade of scholarship is high can often add to their resources by tutoring during the Junior and Senior years.



COLLEGIATE DEPARTMENT

KENYON COLLEGE

FACULTY OF THE COLLEGIATE DEPARTMENT

THE REV. WILLIAM FOSTER PEIRCE, M. A. (Amherst)
L. H. D. (Hobart)
PRESIDENT

Spencer and Wolfe Professor of Mental and Moral Philosophy

THEODORE STERLING, M. A., M. D., LL.D. (Hobart)
DEAN OF THE FACULTY

Professor Emeritus of Mathematics and Engineering

LESLIE HOWARD INGHAM, M. A. (Dartmouth)
Ph.D. (Pennsylvania)

Bowler Professor of Physics and Chemistry

HENRY TITUS WEST, M. A. (Oberlin)
Professor of German

BARKER NEWHALL, B. A. (Haverford), Ph. D. (Johns Hopkins)
REGISTRAR
Professor of Greek

THE REV. GEORGE FRANKLIN SMYTHE, M. A. (Western
Reserve), D. D. (Kenyon)
CHAPLAIN
Professor of the Bible

WILLIAM PETERS REEVES, B. A., Ph. D. (Johns Hopkins)
SECRETARY
Mellvaine Professor of English

LEE BARKER WALTON, M. A. (Brown), Ph. D. (Cornell)
Professor of Biology

RUSSELL SEDWICK DEVOL, M. A. (Ohio)
Professor of History

EDWIN BRYANT NICHOLS, B. A. (Wesleyan), M. A. (Harvard)
Samuel Mather Professor of Romance Languages

KENYON COLLEGE

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GEORGE BRUCE HALSTED, B. A. (Princeton), Ph. D.
(Johns Hopkins)

Peabody Professor of Mathematics and Civil Engineering

RICHARD CLARKE MANNING, B. A., Ph. D. (Harvard)

Benson Memorial Professor of Latin

ARTHUR CLEVELAND HALL, B. A. (Trinity) Ph. D. (Columbia)

Edwin M. Stanton Professor of Economics and Sociology

JOHN SMITH HARRISON, B. A., Ph. D. (Columbia)

Instructor in English

JOHN B. C. ECKSTORM, B. A. (Dartmouth), M. D. (Ohio
Medical)

Physical Director

MRS. ELLEN DOUGLAS DEVOL

Librarian

WALTER ALLEN BOOTH

AARON STANLEY WARMAN

MELVIN DEANE SOUTHWORTH

Assistants in the Laboratory

Standing Committees of the Faculty

Library Committee

PRESIDENT PEIRCE

PROFESSOR STERLING

PROFESSOR REEVES

Committee on Discipline

PROFESSOR NEWHALL

PROFESSOR WEST

PROFESSOR REEVES

STUDENTS

SENIOR CLASS

Charles Clingman	Cl.....	Covington, Ky.
Louis Serle Dederick.....	Cl.....	Chicago, Ill.
Thomas Ludlow Ferenbaugh...	Cl.....	Buckeye City
Maxwell Budd Long.....	Cl.....	Hamilton
Edward Allen Oliver.....	Cl.....	Chicago, Ill.
William Byron Quinn.....	Lit.....	Canton
Karl Robinson Ricketts.....	Sc.....	Columbus
James Madison Smith.....	Ph.....	Utica
Frederick Robert Tschan.....	Cl.....	Lagrange, Ill.
James William Upson.....	Ph.....	Mansfield
Carl Andrew Weiant.....	Lit.....	Newark
Harold Bramwell Williams.....	Ph. ΔTA	Monroeville

JUNIOR CLASS

Silas Blake Axtell.....	Lit.....	Perry
Charles McEloy Ballard.....	Cl.....	New York, N. Y.
Walter Allen Booth.....	Sc. ΔTA	Lima
Arthur Lewis Brown.....	Cl.....	Cincinnati
Walter Hoyt Brown.....	Cl.....	Cincinnati
John Levi Cable.....	Ph. ΔTA	Lima
Reginald Whitney Crosby.....	Lit.....	Chicago, Ill.
Ernest Allen Duncan.....	Ph.....	Clarksburg, W. Va.
Ray Stanley Dunham.....	Cl.....	Columbus
Edward Ryant Dyer.....	Cl.....	Dresden
Howard Philip Fischbach.....	Ph. ΔTA	Newport, Ky.
Harold Cameron Forster.....	Ph.....	Middletown
James Wallace Hamilton.....	Cl.....	Allegheny, Pa.
Frederick Hess Hamm.....	Cl.....	Chillicothe

William Hammond.....	Cl.....	Oregon City, Ore.
Frederick Jacob Hartman.....	Lit.....	Pittsburgh, Pa.
Bertram Horn	Ph.....	Gambier
Arthur James Larmon.....	Ph.....	Cincinnati
George Clinton Lee.....	Sc.....	St. Louis, Mo.
Edgar Ralph Moeser.....	Cl.....	Zanesville
John David Nicholas.....	Ph.....	Coshocton
Charles McGibeny Roberts.....	Ph.....	Mount Vernon
James Athey Stephens.....	Cl.....	Covington, Ky.
Alfred Kingsley Taylor.....	Cl.....	Quincy, Ill.
Samuel Edward Thompson.....	Cl.....	Baltimore, Md.
Aaron Stanley Warman.....	Cl.....	Newark

SOPHOMORE CLASS

John Groce Boggs.....	Ph.....	Circleville
John Thomson Brooke.....	Cl.....	Guthrie, Okla.
Merrill William Butler.....	Sc.....	Akron
Rolla Eugene Dyer.....	Cl.....	Dresden
Harold Mansfield Eddy.....	Sc.....	East Cleveland
Jacob Hyde Ewalt, Jr.....	Ph.....	Warren
Harry Lee Foltz.....	Sc.....	Lima
Thomas Gawne	Sc.....	Sandusky
Lamont Hart Gilder.....	Ph.....	Warren
Stuart Wilson Goldsborough....	Cl.....	Newark
Arthur Halsted	Sc.....	Gambier
John Grover Heyman.....	Ph.....	Monroeville
Charles Chauncey Winsor Judd	Cl.....	Pittsburgh, Pa.
Lindus Cody Marsh.....	Cl.....	Cleveland
George Wesley McIlwain.....	Ph.....	Mount Vernon
John Burson Morton.....	Lit.....	Peninsula
John Frederick Mullin.....	Sc.....	Warren
John Lorraine Oldham.....	Cl.....	Cleveland
Hugh Wilson Patterson.....	Lit.....	Buffalo, N. Y.
Arthur LeRoy Reynolds.....	Ph.....	Akron

Lester Leake Riley.....	Cl.....	Dayton
Karl Sturgeon Rising.....	Ph.....	Lancaster
Samuel Rockwell, Jr.....	Sc.....	Cleveland
George Abel Sanford.....	Cl.....	Bridgeport, Okla.
George Waller Sapp.....	Ph.....	Gambier
Melvin Deane Southworth.....	Ph.....	Gambier
George John Sturgis.....	Cl.....	Ashtabula
Frederick Iago Walker.....	Ph.....	Salina, Kans.
Frederick Lewis White.....	Sc.....	Gambier
George Alvin Wieland.....	Cl.....	Sandusky
Andrew Ellis York.....	Ph.....	Akron

FRESHMAN CLASS

Henry Greer Beam.....	Ph.....	Mount Vernon
David Wendell Beggs.....	Ph.....	Columbus
Charles Edward Berghaus.....	Cl.....	Harrisburg, Pa.
Nelson Welker Burris.....	Cl.....	Danville
Frederick Washburn Butler....	Ph.....	Akron
Raymond Cahall	Ph.....	Mansfield
Elisha Hughs Chapin.....	Cl.....	Sandusky
Pierre Kellogg Chase.....	Cl.....	Bowling Green
George Elliott Clarke.....	Lit.....	Canton
Stanley Bertram Connel.....	Ph.....	Newark
Guy Conover	Cl.....	Utica
Gilbert Kenyon Cooper.....	Sc.....	Chicago, Ill.
Albert Hull Daly.....	Lit.....	Toledo
Henry Kelley Davies.....	Ph.....	Gambier
Percival Garrigues Elster....	Ph.....	Indianapolis, Ind.
William Joseph Finlay, Jr....	Lit.....	Toledo
William Nelson Foos.....	Lit.....	Newark
Robert Miller Fulwider.....	Sc.....	West Liberty
Robin Cairns Garlick.....	Sc.....	Cincinnati
Paul Joseph Goldthorpe.....	Lit.....	Chardon
Ralph Franklin Gordon.....	Ph.....	Greenville
Frederick Severns Henry.....	Lit.....	Norwalk

Edwin Winfield Hughes.....	Cl.....	Kalamazoo, Mich.
Wylie Corwin Iliff.....	Lit.....	Denver, Colo.
LeRoy Scott Isham.....	Ph.....	Cleveland
Laurence Craddock Jackson...	Lit.....	Springville, N. Y.
Bernard Levi Jefferson.....	Cl.....	Danville
Benjamin Franklin Jones.....	Lit.....	Mount Vernon
Walter DeKoven Jones.....	Ph.....	Indianapolis, Ind.
Carey Russell Kinney.....	Ph.....	Toledo
Louis Phelps L'Hommedieu....	Cl.....	Cincinnati
Kenneth Frederick Luthy.....	Lit.....	Columbus
Frederick McGlashan	Cl.....	Zanesville
Winston Vaughan Morrow....	Cl.....	Cincinnati
Joseph Vance Park.....	Lit.....	Mount Vernon
Malcolm Cyrus Platt.....	Sc.....	Mansfield
Elliott Hudson Reynolds.....	Cl.....	Mount Vernon
William Cooper Russell.....	Lit.....	Mount Vernon
William Raymond Seth.....	Cl.....	Oxford, Md.
Luther Earl Stambaugh.....	Lit.....	Shelby
Medary Wilson Stark.....	Sc.....	Mansfield
John Grubbs Starr.....	Ph.....	Richmond, Ind.
William Cassel Stewart.....	Lit.....	Zanesville
Ralph Clewell Sykes.....	Cl.....	Springfield
Arthur Stanley Thompson....	Sc.....	Gambier
Joseph Edmund Thompson....	Cl.....	Newport, Ky
Walter Fuller Tunks.....	Cl.....	Toledo
Charles Edward Upson.....	Lit.....	Mansfield
Frederick Sanders Upson.....	Ph.....	Mansfield
Frank Hawn Weatherwax.....	Sc.....	Howard
Carl Maynard Wolcott.....	Sc.....	Conover
Charles Lewis Wuebker.....	Sc.....	West Dover

SPECIAL STUDENTS

William Hayward Andrews, Jr.....	Columbus
Arthur Wiley Davies, B. A.....	Gambier
Chilton Leitch Johnson.....	Indianapolis, Ind.

Louis Albert Koons, Jr.....	Massillon
Albert Columbus Delano Metzger, Ph. B.....	Gambler
Dayton Ogden Williams.....	Marquette, Mich.
Irvin Samuel Workman, M. D.....	Gambler

SUMMARY

Seniors	12
Juniors	26
Sophomores	31
Freshmen	52
Special Students	7
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Total.....	128

REQUIREMENTS FOR ADMISSION

For entrance to each course 15 units are required, the term "Unit" representing roughly the work of four recitation hours a week for one year.

For the Classical Course:

	Units.
English,	3
Mathematics,	3
Latin,	4
Greek,	3
History,	1
Additional,	1
	—
	15

For the Philosophical Course:

	Units.
English,	3
Mathematics,	3
Latin,	4
Modern Languages,	2
History,	1
Additional,	2
	—
	15

For the Scientific Course:

	Units.
English,	3
Mathematics	4
Foreign Languages, .	3
History,	1
Sciences,	2
Additional,	2
	—
	15

For the Literary Course:

	Units.
English,	3
Mathematics,	3
Foreign Languages,	4
History,	2
Sciences,	1
Additional,	2
	—
	15

The following table shows the subjects which may be presented, together with the minimum and maximum amounts which will be accepted in each:

	Units.
English	3
Mathematics ...	3 or 4
Latin.....	2, 3, or 4
Greek.....	1, 2, or 3

	Units.
French.....	1 or 2
German.....	1, 2, or 3
History.....	1, 2, or 3
Sciences.....	1, 2, or 3

ENGLISH (Three Units)

(a) Reading. A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the book. No student will hereafter be admitted without examination except on the presentation of such properly certified exercise book, or of an explicit statement from his instructor of the books read in class and the amount of composition work required. The substitution of equivalent books for those given below will for the present be permitted. In preparation for this part of the requirement it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

(b) Study and Practice—This part of the examination presupposes the thorough study of each of the works named in this division. The examination will be upon subject matter, form and structure. *In addition the candidate may be required to answer questions involving the essentials of English grammar, and the leading facts in those periods of English history to which the prescribed books belong.*

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom or division into paragraphs.

An examination in composition will be required of all new students.

1905. FOR GENERAL READING: Shakespeare's *Merchant of Venice* and *Julius Caesar*; Addison's *Sir Rogers de Coverley Papers*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*. FOR STUDY AND PRACTICE: Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

1906, 1907, 1908: FOR GENERAL READING: *The Merchant of Venice* and *Macbeth*; *The Sir Roger de Coverley Papers*; Irving's *Life of Goldsmith*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe* and *The Lady of the Lake*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*. FOR STUDY AND PRACTICE: Shakespeare's *Julius Caesar*; Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Addison and Life of Johnson*.

MATHEMATICS (Three or Four Units)

1. Three Units. (a) Arithmetic. In addition to the usual course in Arithmetic an acquaintance with the Metric System of weights and measures is required, and a thorough study of Mental Arithmetic is strongly recommended.

(b) Algebra, through Radicals and Quadratics.

(c) Plane Geometry. The use of simple drawing instruments should be taught in connection with Plane

Geometry, and original constructions and demonstrations required.

2. Four Units. In addition to the preceding.

(a) Solid Geometry, as much as is contained in the usual texts.

(b) Advanced Algebra, including ratio, radicals, progressions, logarithms, and series.

(c) Trigonometry, with special attention to the derivation of the fundamental formulae, and the accurate solution and checking of problems.

LATIN (Two, Three, or Four Units)

1. Two Units. Latin lessons with easy reading, consisting of twenty to thirty pages of connected text. In all written exercises the long vowels should be marked, and in all oral exercises pains should be taken to make the pronunciation conform to the quantities.

The student should be trained from the beginning to grasp the meaning of the Latin before translating, and then to render into idiomatic English; and should be taught to read the Latin aloud with intelligent expression.

Selections from Caesar's Gallic War equivalent in amount to four or five books; selections from Nepos may be taken as a substitute for an amount not exceeding two books. The equivalent of at least one period a week in prose composition based on Caesar. Frequent written exercises and translation at sight from Caesar.

2. Three Units. In addition to the preceding, six orations of Cicero, including the Manilian law. Salust's Cataline will be accepted as a substitute for an equivalent amount of Cicero.

The equivalent of at least one period a week in prose composition based on Cicero. Frequent written exercises and translations at sight from Cicero.

3. Four Units. In addition to 1 and 2, six books of Virgil's *Aeneid*. For a portion of this may be substituted selections from Ovid. Constant practice in the metrical reading of Latin verse.

The equivalent of at least one period a week in prose composition. Frequent written exercises and translation at sight from Virgil and Ovid.

GREEK (One, Two or Three Units)

1. One Unit. Grammar; *Anabasis*, twenty pages. The student should have constant practice in reading Greek aloud and in translating into Greek. Syntax is best taught in connection with the text read, but the most important paradigms should be learned before beginning the *Anabasis*.

2. Two Units. In addition to the preceding, *Anabasis* I-IV. Greek prose based on the *Anabasis* should be written daily.

3. Three Units. In addition to 1 and 2, the first six books of the *Iliad*. Mythology and scansion should be taught in connection with the *Iliad*. Greek prose based on the *Anabasis*.

FRENCH (One or Two Units)

1. One Unit. Elementary French. Such a knowledge of the language is required as may be obtained by the reading of at least 400 pages, part of which should be read at sight. The examination consists of the translation at sight into English of easy passages of French, elementary grammatical questions, and the translation of simple English sentences into French. To meet this requirement, two years' work will generally be necessary.

2. Two Units. Intermediate French. In addition to the preceding, the requirement includes the reading of not less than 600 additional pages of French (including at least two classical works of a dramatic character), and regular practice in writing and speaking French. At least one additional year of study will be necessary to meet this requirement.

GERMAN* (One, Two, or Three Units)

1. One Unit. The student should have had careful drill upon pronunciation; the memorizing and frequent repetition of easy colloquial sentences; drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also upon the use of the more common prepositions, the simple uses of the modal auxiliaries, and the elementary rules of syntax and word order; abundant easy exercises from German into English and from English into German; the reading of about 200 pages of simple German in the form of easy stories and plays, with accompanying practice in the translation into German of easy variations upon the matter read.

2. Two Units. The candidates should be able to read at sight German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word formation, and

*For a list of texts suitable for elementary or advanced reading in German and French, reference is made to the Report of the Committee on College Entrance Requirements, July, 1899. (Dr. Irwin Shepard, Secretary of the National Educational Association, Winona, Minn.)

to translate and explain a passage of classical literature taken from some text previously studied.

The work should comprise, in addition to 1, the reading of about 400 pages of moderately difficult prose and poetry, including a classical play by Schiller, Lessing, or Goethe, with constant practice in giving paraphrases of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and moods, and likewise upon word-order and word-formation.

3. **Three Units.** In addition to 1 and 2, this course should comprise the reading of about 500 pages of good literature in prose and poetry, reference reading upon the lives and works of the great writers studied, the writing in German of numerous short themes upon assigned subjects, independent translation of English into German.

HISTORY (One, Two, or Three Units)

The candidate may select one, two or three units from the five prescribed below.

1. **General History.** As much as is contained in Myers's General History.

2. a) **Grecian History.** Myers's or Botsford's History of Greece or an equivalent (one-half unit).

b) **Roman History.** Allen's History of the Roman people or Botsford's Roman History (one-half unit).

3. **English History.** The equivalent of Gardiner's Student's History of England.

4. **United States History.** A comprehensive Course based on such a text as Adams and Trent or McDonald's Johnston's, with considerable collateral reading.

5. a) **United States History.** John Fiske's History of the United States or an equivalent (one-half unit).
- b) **Political Science,** as much as is contained in John Fiske's Civil Government in the United States (one-half unit).

SCIENCE (One, Two, or Three Units)

The candidate may offer one, two, or three units selected from the five enumerated below, each unit representing the work of one year. Laboratory work, including the keeping of a notebook, should occupy one-half to two-thirds of the time involved, the remaining part being occupied with formal lectures and recitations. In order to obtain credit for the various courses, laboratory notes and drawings indorsed by the teacher should be presented at the time of entrance.

1. Elementary Physics. An amount of work equivalent to that in the text of Carhart and Chute is required. Particular attention should be given to practical laboratory methods, and the solution of numerical problems.

2. Elementary Chemistry. A course in General Inorganic Chemistry, including metals and non-metals, as outlined in Remsen's Elements of Chemistry, is required; or Newell's Descriptive Chemistry, or Williams's Elements.

3. General Biology. The course should consider, by means of laboratory methods, typical animals and plants with respect to their external form, activities, and local distribution. The following suggests certain forms, the majority of which should be studied: In the animal kingdom, Amoeba, Paramoecium, Vorticella, Sponge, Hydra, Medusa, Snail, Freshwater mussel,

Earthworm, Crayfish, Insect, Starfish, Frog, and Fish. In the plant kingdom, Slime mould, Bacteria, Spirogyra, Bread mould (*Mucor*), Mushroom, Lichen, Liverwort, Fern, and Flowering Plant. Certain general questions such as adaptation to environment, protective resemblance, variation, etc., should receive careful consideration. Boyer's Elementary Biology, or selections from Davenport's Introduction to Zoology, together with Bergen's Elements of Botany, provided the first part of the year is devoted to Zoology, and the second part to Botany, represents the approximate amount of work necessary.

4. **Botany.** The course should consist of a careful study of the types of plants mentioned under General Biology, and in addition the following may profitably be considered, *Volvox*, *Cladophora*, *Pleurococcus*, *Chara*, *Vaucheria*, Moss, Conifer, and a few carefully selected Flowering Plants. Work on Flowering Plants alone cannot be accepted. The essential facts concerning variability, assimilation, respiration, digestion, growth, and reproduction, as well as adaptation, etc., should be made clear. An equivalent of Atkinson's Lessons in Botany, or Bergen's Foundations of Botany should be presented.

5. **Zoology.** The course should include in addition to the invertebrates mentioned under General Biology, a somewhat extended study of certain vertebrates, e. g., Lamprey, Eel, Fish, Amphibian (*Plethodon*, Frog, etc.), Reptile, Bird, and Mammal. Less weight is to be laid on a knowledge of anatomical details, than on the ability to recognize the specimen and its allies, to indicate its relationships, and to point out the leading features of its life history, organization, and physiology. The work should approximate that outlined in Kellogg's

Elementary Zoology, or Davenport's Introduction to Zoology.

ADMISSION

Candidates for admission must present testimonials of good moral character, and if they come from other colleges, certificates of dismissal in good standing.

Examinations for entrance are held at the opening of the college year, the third Tuesday in September.

Certificates will be provisionally accepted from the principal of any reputable High or Preparatory School, and will exempt the student from entrance examinations in the subjects covered provided that they are in the hands of the Faculty at the opening of the year. All certificates must be made out on blanks furnished by the College and must state that the student has thoroughly done all the work prescribed in the catalogue for admission to the Freshman Class, and that the Principal believes the applicant able to maintain a good position in his class in college.

Applicants for admission, who lack preparation in Greek, German or French may enter the Freshman Class, and opportunity will be given them to begin either of these studies as college students, provided that they are able to make up this deficiency in preparation, besides doing the regular amount of required work.

ADVANCED STANDING

Candidates for advanced standing will be examined in all prescribed studies antecedent to the desired grade, including the requirements for admission to college, and in such elective studies as shall be chosen by the candidate and approved by the Faculty.

Students from other colleges may be admitted provisionally to such standing, and on such terms as the

Faculty may deem equitable in each case. Such candidates are required to present to the President a complete statement, duly certified, of the studies they have pursued and their proficiency therein, and a catalogue of the college from which they come.

SPECIAL STUDENTS

Students may be admitted as special students, not candidates for a degree, provided their preparation is such that they can enter with advantage existing college classes, and that their time can be fully and profitably occupied.

COURSES OF STUDY

FRESHMAN YEAR

First Semester		Second Semester	
All Courses—	Hours.		Hours.
English 1*	3	English 2	3
Chemistry 1	3	Chemistry 2	3
Bible 1	1	Bible 2	1
Classical—			
Greek 1	3	Greek 2	3
Latin 1	4	Latin 2	4
Mathematics 1	3	Mathematics 2	3
Philosophical—			
German or French....	3	German or French....	3
Latin 1	4	Latin 2	4
Mathematics 1	3	Mathematics 2	3
Literary—			
German	3	German	3
French	3	French	3
Mathematics 1	3	Mathematics 2	3
Scientific—			
German	3	German	3
French	3	French	3
Mathematics 3	3	Mathematics 4	3

SOPHOMORE YEAR

First Semester		Second Semester	
All Courses—			
English 3	3	English 4	3
Bible 3	1	Bible 4	1

*The number identifies the course as described in the Departments of Instruction.

Classical—	Hours.		Hours.
One Ancient Language.	3	One Ancient Language.	3
One Modern Language.	3	One Modern Language.	3
One Science	3	One Science	3
Elective	3	Elective	3

Philosophical and Literary—

Two Languages	6	Two Languages	6
One Science	3	One Science	3
Elective	3	Elective	3

Scientific—

One Language	3	One Language	3
Chemistry 3	3	Chemistry 4	3
Mathematics 5	3	Mathematics 6	3
Physics 1, or		Physics 2, or	
Biology 1	3	Biology 2	3

Of the above, the choice of optional courses must be for the entire year. No restriction is put upon the electives.

Elective Courses open to Sophomores—

Greek 3, 4	German 1-6	Chemistry 3, 4
Latin 3, 4	French 1-4	Physics 1, 2
	Spanish 9, 10	History 1, 2
	Italian	Biology 1, 2
		Economics 1, 2
		Mathematics 3-8

All electives are three-hour courses.

JUNIOR YEAR

First Semester

Second Semester

Classical, Philosophical and Literary—

Philosophy 1	3	Philosophy 2	3
English 5	1	English 6	1

Two major courses of the Sophomore year must be continued through the Junior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

Scientific—	Hours.		Hours.
Philosophy 1	3	Philosophy 2	3
English 5	1	English 6	1
Mathematics 9	3	Mathematics 10	3
Biology 3, or		Biology 4, or	
Physics 3	3	Physics 4	3
Electives	6	Electives	6

Elective Courses Open to Juniors—

Greek	5-8	French	1-6	Biology	1-10
Latin	5-8	Chemistry	5-6	Mathematics	9-14
German	1-8	Physics	3-4	History..	1-6, 9-12
English....	9, 10, 15, 16, 19			Philosophy	3-4
Spanish....	9-12			Economics	1-4
Italian.					

All electives are three-hour courses.

Students desiring to study Theology will be permitted to take History 7 and 8 as an extra study during their Junior year, and to take the full Junior course of study at Bexley Hall, in addition to English 7 and 8, during their Senior year, subject to the approval of the Faculty of the Theological Department.

SENIOR YEAR

First Semester		Second Semester	
All Courses—	Hours.		Hours.
History 7	3	History 8.....	3
English 7	1	English 8	1

In all courses, one major course of the Junior year must be continued through the Senior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

Elective Courses Open to Seniors—

Greek	5-8	Biology	3-12	History ..	3-6, 9-12
Latin	5-8	Mathematics	11-16	Philosophy	3-4
German	3-8	Physics	5, 6	Economics	3-6
French	3-6				
English....	11-14, 17, 18				
Spanish....	11, 12				
Italian.					

All electives are three-hour courses.

DEPARTMENTS OF INSTRUCTION

ENGLISH

PROFESSOR REEVES

DR. HARRISON

1. **English Composition.** Themes and Oral Exercises. Narration and Description. First Semester. Three hours a week. Required of all Freshmen.

2. **English Composition.** Exposition and Argumentation. Themes and Oral Exercises. Second Semester. Three hours a week. Required of all Freshmen.

Courses 1 and 2 involve constant writing based upon personal experience and also upon literary models. After correction, selected themes are delivered orally before the class, and at intervals before the public. Deficiencies in spelling, grammar, punctuation, paragraphing, and delivery must be overcome before the student is permitted to enter the later courses in English.

3. **English Prose Literature.** This course is naturally connected with the written work of the Freshman year, and the critical study of selections in English prose, from Elizabeth to Victoria, forms the basis of the written exercises. First Semester. Three hours a week. Required of all Sophomores.

4. **English Poetry.** Having mastered the elements of prose composition, the student begins the study of English poetry. In the first half of the semester narrative and descriptive poems are critically read in class; lyric poetry follows in the second half of the semester. Written reports upon the form and contents of selected

verse are required. Second Semester. Three hours a week. Required of all Sophomores.

5. **Advanced Composition.** First Semester. One hour a week. Required of all Juniors.

6. **Advanced Composition.** Second Semester. One hour a week. Required of all Juniors.

Courses 5 and 6 continue the required written work in the Junior year. The form of composition is that of the essay and oration.

7. **Essay and Orations.** First Semester. One hour a week. Required of all Seniors.

8. **Constructive Studies in English Style.** Second Semester. One hour a week. Required of all students.

Courses 7 and 8 continue the required written work in the Senior year.

9. **Argumentation and Debating.** An elective for students who desire extended drill in written argumentation and oral delivery. Class debates are held weekly. Public debates are appointed as the instructor may determine. First Semester. Three hours a week. Elective for Juniors. Offered in 1905-6.

10. **English Drama.** The development of the English drama, from Shakespeare to Sheridan, is studied historically, select plays being read in class, with written reports. Second Semester. Three hours a week. Elective for Juniors. Offered in 1903-5-6.

11. **Nineteenth Century Prose.** A critical study of the prose styles of Macaulay, Carlyle, Newman, Ruskin, and Pater. First Semester. Three hours a week. Elective for Juniors. Offered in 1905-6.

12. **Nineteenth Century Poetry.** A study, with complete texts, of the chief works of Tennyson and Browning. Second Semester. Three hours a week. Elective for Seniors. Offered in 1904-5.

13. **Old English.** First Semester. Three hours a week. Elective for Seniors.

14. **Beowulf, and the History of the English Language.** Second Semester. Three hours a week. Elective for Seniors who have taken course 13.

Courses 13 and 14 are historical and philological. Bright's Anglo-Saxon Reader is studied in the first semester, and the Beowulf is read in the second. Emerson's History of the English Language is used as a basis for explaining changes in sound, syntax, vocabulary, and idiom.

15. **The English Essay.** Studies in the essay from Bacon to Macaulay. First Semester. Three hours a week. Elective for Juniors. Offered in 1905-6.

16. **Milton, and other Seventeenth Century Poets.** Second Semester. Three hours a week. Elective for Juniors. Offered in 1904-5.

17. **The English Novel.** First Semester. Three hours a week. Elective for Seniors. Offered in 1905-6.

18. **American Literature.** Second Semester. Three hours a week. Elective for Seniors. Offered in 1905-6.

19. **Langland and Chaucer.** First Semester. Three hours a week. Elective for Juniors. Offered in 1904-5.

GREEK

PROFESSOR NEWHALL

1. **Lysias, or Selections from Attic Orators.** Prose Composition. First Semester. Three hours a week. Required of Classical Freshmen.

2. **Odyssey, Selections from Books I-XII.** Private life of the Greeks. Second Semester. Three hours a week. Required of Classical Freshmen.

3. **Plato, Laches and Apology.** History of Greek Literature (Prose). First Semester. Three hours a

week. Elective for Sophomores. Courses 1 and 2 prerequisite.

4. **Sophocles**, *Antigone* or *Oedipus Tyrannus*. *Aristophanes*, *Clouds* or *Frogs*. *History of Greek Literature (Poetry)*. Second Semester. Three hours a week. Elective for Sophomores. Courses 1-3 prerequisite.

5. **Aeschylus**, *Prometheus* or *Septem*. *Euripides*, *Alcestis* or *Medea*. *The Greek Drama and Theatre*. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Offered in 1904-5.

6. **Demosthenes**, *De Corona*. *Thucydides*, Books I and VII. *Greek Constitutional History*. Second Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Offered in 1904-5.

7. **Selections from the Lyric Poets**. *Greek Music and Metres*. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Offered in 1905-6.

8. **Greek Art and General History of Architecture**. Second Semester. Three hours a week. Elective for Juniors and Seniors in all courses. Offered in 1905-6.

LATIN

PROFESSOR MANNING

1. **Livy**. Instruction in Grammar and in the art of reading Latin. *Prose Composition*. First Semester. Four hours a week. Required of Classical and Philosophical Freshmen.

2. **Ovid**, selections. *Terence*, one play. *Grammar*. *Prose Composition*. Second Semester. Four hours a week. Required of Classical and Philosophical Freshmen.

3. **Pliny**, Letters. Constant practice in reading at sight. First Semester. Three hours a week. Elective for Sophomores. Courses 1 and 2 prerequisite.

4. **Horace**, Odes and Epodes, with selections from the Epistles and Satires. Lectures upon the poet's life and times. Second Semester. Three hours a week. Elective for Sophomores. Courses 1-3 prerequisite.

5. **Cicero**, Letters. A study of the author's life and times. Second Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Offered in 1904-5.

6. **Juvenal and Martial**. Lectures on Rome and Roman Life. Second Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Offered in 1904-5.

7. **Tacitus**, Histories. Lectures on Roman Institutions. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Offered in 1905-6.

8. **Plautus and Terence**. Two or three plays of each author will be read. Lectures on the Roman Drama. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Offered in 1905-6.

ROMANCE LANGUAGES

PROFESSOR NICHOLS

1. **Elementary French**. Fraser and Squair, French Grammar; Verne, *Les Forceurs de Blocus*; Labiche et Martin, *Le Voyage de M. Perrichon*. First Semester. Three hours a week. Required of Freshmen in the Literary and Scientific Courses. Elective for Sophomores and Juniors.

2. **Modern French Prose**. Erckmann-Chatrian, *Le Conscrit de 1813*; Augier et Sandeau, *Le Gendre de M.*

Poirier; Mérimée, Columba; Beaumarchais, Le Barbier de Séville. Grammar and Composition. Second Semester. Three hours a week.

3. **French Prose and Poetry.** Chateaubriand, Atala and René; Hugo, Hernani; Musset, Trois Comédies; Voltaire, Zaire. Collateral reading: Saint Pierre, Paul et Virginie; Lesage, Gil Blas. Prose composition and grammar. First Semester. Three hours a week. Required of Sophomores in the Literary Course. Elective for Sophomores in the Scientific Course, and for Juniors and Seniors in the other courses. Courses 1 and 2 prerequisite.

4. **Classical French Drama.** Selections from Corneille, Molière, and Racine, with lectures on the rise and growth of the drama in France. Outlines of the History of the French language. Composition. Second Semester. Three hours a week. Courses 1-3 prerequisite.

5. **French Literature of the 18th and 19th Centuries.** After an introductory survey of French literature in the 18th century, attention will be directed to the main currents of French literature in the 19th century, romanticism, realism and naturalism. Lectures and collateral readings. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Offered in 1905-6.

6. **French Literature of the 18th and 19th Centuries.** A continuation of Course 5. Second Semester. Elective for Juniors and Seniors. Course 5 prerequisite. Offered in 1905-6.

7. **French Literature of the 16th and 17th Centuries.** The influence of Italy and the origins and development of classicism. Especial attention will be paid to the prose literature of the 17th century. Lectures and composition. First Semester. Three hours a week.

Elective for Juniors and Seniors. Courses 1-4 prerequisite. Offered in 1904-5.

8. **French Literature of the 16th and 17th Centuries.** A continuation of Course 7. Second Semester. Elective for Juniors and Seniors. Course 7 prerequisite. Offered in 1904-5.

9. **Elementary Spanish.** Ramsey, Spanish Grammar; Carrion y Aza, Zaragueta; Carter and Malloy, Cuentos Modernas; Larra, Partir á Tiempo. First Semester. Three hours a week. Elective for students who have passed in Course 2, Modern French Prose.

10. **Modern Spanish Prose.** Alarcón, El Final de Norma; Tamayo y Baus, Un Drama nuevo; Galdós, Doña Perfecta. Grammar and composition. Second Semester. Three hours a week.

11. **History of Spanish Literature**, with selections from the works of the more important authors of the 17th and subsequent centuries. A few lectures on the History of the Spanish language. Composition and collateral readings. First Semester. Three hours a week. Course 10 prerequisite.

12. **History of Spanish Literature.** A continuation of Course 11. Second Semester. Three hours a week.

13. **Elementary Italian.** Grammar, translation, and composition. Grandgent, Italian Grammar; Bowen, Italian Reader; Farina, Il Fante di picche. First Semester. Three hours a week. Course 2 or 9 prerequisite. This course alternates with Course 9, Elementary Spanish. Offered in 1904-5.

14. **Modern Italian Readings and Dante.** In addition to the regular work by the class in translating modern prose, the instructor renders and interprets to the class the Inferno and Purgatorio of Dante. Dinsmore's Aids to the Study of Dante is required as col-

lateral reading. Second Semester. Three hours a week. Offered in 1904-5.

GERMAN

PROFESSOR WEST

1. **Elementary German.** German Grammar, easy reading, and elementary German composition. First Semester. Three hours a week. Elective for Sophomores and Juniors.

2. **Modern Prose and Poetry.** Grillparzer's Sappho, Sudermann's Johannes, Grammar continued, Westphoelt's German Composition. Second Semester. Three hours a week. Elective for Sophomores and Juniors.

3. **Early Nineteenth Century Literature.** Zschokke's *Der zerbrochene Krug*, Kleist's *Der zerbrochene Krug*, Grillparzer's *Der Traum ein Leben*, grammar review, Harris's German Composition. First Semester. Three hours a week. Required of Freshmen in the Philosophical, Literary and Scientific Courses. Elective for Juniors and Seniors in the Classical Course.

4. **Late Nineteenth Century Literature.** Texts selected from the writings of Wildenbruch, Hauptmann and Sudermann. Grammar and composition continued. Second Semester. Three hours a week. Required of Freshmen in the Philosophical, Literary and Scientific Courses. Elective for Juniors and Seniors in the Classical Course.

5. **Goethe.** Hermann und Dorothea, Faust, Part I, and selected poems. First Semester. Three hours a week. Required of Sophomores in the Literary Course. Elective for Sophomores, Juniors and Seniors in other courses. Courses 1-4 prerequisite.

6. **History of German Literature.** A study of the development of German literature, and reading of selec-

tions from representative authors of the most important periods. Second Semester. Three hours a week. Required of Sophomores in the Literary Course. Elective for Sophomores, Juniors and Seniors in other courses. Courses 1-4 prerequisite.

7. **Lessing's Life and Works.** First Semester. Three hours a week. Junior and Senior elective. Courses 1-4, and either 5 or 6 prerequisite.

8. **Schiller's Life and Works.** Second Semester. Three hours a week. Junior and Senior elective. Courses 1-4, and either 5 or 6 prerequisite.

CHEMISTRY

PROFESSOR INGHAM

1. **General Inorganic Chemistry.** Text: Remsen's College Chemistry. The non-metallic elements and their derivatives and the fundamental chemical laws. This course is founded entirely upon experimental work, and about one-half of the time of the student in the laboratory is devoted to quantitative experiments which are designed to illustrate the laws of combining proportions. One lecture per week is illustrated by elaborate experiments. Two laboratory periods per week. First Semester. Required of Freshmen.

2. **General Inorganic Chemistry.** A continuation of Course 1, taking up the metallic elements and their derivatives. One laboratory period, one lecture and one recitation per week. Second Semester. Required of Freshmen.

3. **Qualitative Analysis.** Text, Dennis and Whittelsey's "Qualitative Analysis." A careful study of the science as well as the practice of qualitative analysis. First Semester. Three laboratory periods per week, with occasional lectures and daily quiz and written reports. Elective for Sophomores.

4. **Quantitative Analysis.** Text, Thorpe's "Quantitative Analysis." The estimation of the commoner inorganic elements and the assay of typical commercial products. Second Semester. Elective for Sophomores. One recitation and two laboratory periods per week. Course 3 prerequisite.

5. **General Organic Chemistry.** Text, Remsen's "Organic Chemistry." An introduction to the study of the compounds of carbon. First Semester. Elective for Juniors. One lecture and two laboratory periods per week. Course 4 prerequisite.

6. **General Organic Chemistry and Theoretical Chemistry.** One hour weekly is devoted to the study of the history and the theories of chemistry and the remaining recitation and laboratory periods are taken up with the study of organic chemistry. Second Semester. Elective for Juniors. Three hours per week. Course 5 prerequisite.

8. **Determinative Mineralogy.** Text, Crosby's "Tables for the Determination of Common Minerals." Second Semester. Elective for Sophomores and Juniors. Courses 1 and 2 prerequisite and Course 3 very desirable. Three laboratory periods weekly.

BIOLOGY

PROFESSOR WALTON

The courses in this department are intended not only to contribute to general cultivation, but to furnish special preparation for students who expect to study medicine.

1. **General Biology.** This course is intended primarily as an introduction to subsequent courses, and consists of lectures, recitations, and laboratory work on selected types of animals and plants, of which the fol-

lowing is a partial list: Amoeba, Paramecium, Arcella, Diffugia, Vorticella, Saccharomycetes, Spirogyra, Grantia, Hydra, Sea-anemone, Star-fish, Fresh water mussel, Earthworm, Crayfish, Insect, Fish, Frog, Vaucheria, Chara, Mould, Mushroom, Liverwort, and Flowering plant. In connection with these types topics of general interest are considered, such as the constitution of living matter, biogenesis and abiogenesis, the cell theory, variation, adaptation, mimicry, etc. These exercises are supplemented by occasional field excursions. First Semester. Three hours a week. Elective for Sophomores and Juniors.

2. **General Biology.** Continuation of Course 1. Second Semester. Three hours a week.

3. **Comparative Anatomy of the Vertebrates.** Lectures, recitations and laboratory work on vertebrates from Amphioxus to Man, with particular attention to comparisons of the skeletal system, the nervous system, the circulatory system, etc. Each student will make preparations from dissections for subsequent use in histological work. Text-book, Parker's Zootomy. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-2 prerequisite.

4. **Histology and Microtechnique.** This course is closely correlated with Course 3 of which it forms the continuation. Permanent preparations are made of organs and tissues which have been previously dissected, fixed and placed in alcohol or imbedded in paraffine. Particular attention is paid to the physiologic function of the various groups of cells. The theory of the microscope and methods in microtechnique are carefully considered at the beginning of the course. Second Semester. Three hours a week. Elective for Juniors and Seniors.

5. **Neurology.** A comparative study of the growth and structure of the nervous system in the different groups of animals, with particular attention to the morphology of the central nervous system of the vertebrates. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite.

6. **Neurology.** Continuation of Course 5. Second Semester. Three hours a week. Elective for Juniors and Seniors.

7. **Embryology.** Lectures, recitations and laboratory work based on a general study of the development of animals from the formation of the egg to the attainment of growth in the adult. Particular attention is given to cytology during the early part of the course. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite.

8. **Embryology.** Continuation of Course 7, with a careful study of the development of some one of the vertebrates. Second Semester. Three hours a week. Elective for Juniors and Seniors. Courses 5 and 6 alternate with courses 7 and 8.

9. **Advanced Biology.** Special laboratory work arranged with reference to the individual needs of students wishing to devote a maximum amount of time to the study of Biology. First Semester. Three hours a week. Courses 1-4 prerequisite.

10. **Advanced Biology.** Continuation of Course 9.

PHYSICS

PROFESSOR INGHAM

1. **General Physics.** Mechanics, Heat and Sound. A brief but systematic treatment of Physics, giving an outline of the whole field in one year. Hastings and Beach's "General Physics" and Jones's "Examples in

Physics." Three hours per week. Elective for Sophomores.

The text-book will be supplemented by lectures of which the students will be required to take notes, and all the important laws of Physics will be illustrated by the aid of the abundant and excellent apparatus at the disposal of the Department.

2. **General Physics.** Magnetism, Electricity and Light. This is a continuation of Course 1, which is prerequisite.

3. **Practical Physics.** Laboratory Practice in the measurement of length, mass, time, density, expansion, specific heat, etc. First Semester. Three laboratory periods a week. Elective for Juniors. Course 2 prerequisite.

The course consists of personal experimentation in the Physical Laboratory, accompanied by lectures and recitations on methods of manipulation, the theory of instruments, and discussion of results, correction and computation of errors. The endeavor is not merely to train the eye and hand, but to inculcate a habit of orderly and scientific thinking.

4. **Practical Physics.** The continuation of Course 3. Measurements in Electricity, Magnetism, Sound and Light. Second Semester. Three laboratory periods a week. Elective for Juniors. Courses 1, 2 and 3 prerequisite.

No text-book is used but free use is made of a number of manuals of laboratory experimentation, together with mimeographed notes. Among the books may be mentioned McLennan's Manual of Experimental Physics, Pickering's Physical Manipulation, Stewart & Gee's Practical Physics, Thompson's Electricity and Magnetism, Louis Wright on Light, and Nichol's Manual.

5. **Dynamic Electricity.** During the first semester

of the Senior year a course of laboratory work is offered in dynamic electricity, elective for all courses. All experiments in this course are performed with dynamo current and are designed to be practical and are based on the methods of commercial electrical testing, as usually conducted on the large scale. This course comprehends determination of power, loss, magnetization loss and characteristic curves; hysteresis, Fancault currents, efficiency, armature reaction, candlepower of arc and incandescent systems. A few lectures are given and calculations and designs are made corresponding to a few typical modern installations.

MATHEMATICS AND ASTRONOMY

PROFESSOR HALSTED

1. **Solid Geometry and Algebra.** First Semester. Three hours a week. Required of Classical, Philosophical and Literary Freshmen.

2. **Plane Trigonometry.** First Semester. Three hours a week. Required of Classical, Philosophical and Literary Freshmen.

3. **Analytical Geometry.** First Semester. Three hours a week. Required of Scientific Freshmen. Elective for Sophomores.

4. **Analytical Geometry.** Continuation of Course 3. Second Semester. Three hours a week. Required of Scientific Freshmen. Elective for Sophomores.

5. **Calculus.** First Semester. Three hours a week. Required of Scientific Sophomores. Elective for Juniors.

6. **Calculus.** Continuation of Course 5. Second Semester. Three hours a week. Required of Scientific Sophomores. Elective for Juniors.

7. **Surveying.** First Semester. Three hours a week. Elective for all Sophomores.

8. **Descriptive Geometry and Drawing.** Second Semester. Three hours a week. Elective for all Sophomores.

9. **Mechanics.** First Semester. Three hours a week. Required of Scientific Juniors.

10. **Mechanics.** Continuation of Course 9. Second Semester. Three hours a week. Required of Scientific Juniors.

11. **Advanced Calculus.** First Semester. Three hours a week. Elective for Juniors and Seniors.

12. **Advanced Calculus.** Continuation of Course 11. Second Semester. Three hours a week. Elective for Juniors and Seniors.

13. **Non-Euclidean Geometry.** First Semester. Three hours a week. Elective for Juniors and Seniors. Elective for Juniors and Seniors.

14. **Non-Euclidean Geometry.** Continuation of Course 13. Second Semester. Three hours a week.

15. **Descriptive Astronomy.** First Semester. Three hours a week. Elective for all Seniors.

16. **Practical Astronomy.** Second Semester. Three hours a week. Elective for Seniors.

HISTORY

PRESIDENT PEIRCE

PROFESSOR DEVOL

1. **Mediaeval and Modern European History.** The text-books that are used are Bemont-Monod's History of Mediaeval Europe and Schwill's History of Modern Europe. The private reading of historical authorities is an integral part of the course. Each student is from time to time required to write after individual investi-

gation themes on such subjects as may be assigned by the instructor. The course seeks primarily to familiarize the student with the great historical authorities, to encourage original thought and criticism on historical questions. The period of history covered by the course extends from the Fall of the Roman Empire and the Great Migrations to the French Revolution. First Semester. Three hours a week. Elective for Sophomores and Juniors.

2. **Mediaeval and Modern European History.** This course is the continuation of the work outlined in the description of Course 1, which is prerequisite. Second Semester. Three hours a week. Elective for Sophomores and Juniors.

3. **History of the 19th Century in Europe.** This course covers the history of Europe from the beginning of the French Revolution to the present time, special attention being given to the Unification of Germany and of Italy. Fyffe's History of the Nineteenth Century is read as the basis for the work, with lectures and collateral reading. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1 and 2 prerequisite. Offered in 1905-6.

4. **History of the 19th Century in Europe.** Continuation of Course 3, which together with Courses 1 and 2 is prerequisite. Second Semester. Three hours a week. Elective for Juniors and Seniors. Offered in 1905-6.

5. **English Constitutional History.** The course covers the whole period of the development of the English Constitution. Gardiner's Students' History is used as the basis of the work, with collateral reading and the preparation of essays. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1 and 2 prerequisite. Offered in 1904-5.

6. **English Constitutional History.** Continuation of Course 5, which together with Courses 1 and 2 is prerequisite. Second Semester. Three hours a week. Elective for Juniors and Seniors. Offered in 1904-5.

7. **American Constitutional History.** This course includes the period from the beginnings of the spirit of independence to the completion of reconstruction. Outside reading and private investigation of special subjects form the principal part of the course, the only text-books used being the second and third volumes of the Epochs of American History Series. Papers on extended study of some particular subject are required from each student. First Semester. Three hours a week. Required of Seniors.

8. **American Constitutional History.** Continuation of Course 7, which is prerequisite. Second Semester. Three hours a week. Required of Seniors.

9. **Constitutional Law.** Cooley's Principles of Constitutional Law, supplemented by informal discussions and by reference to the leading authorities and to adjudicated cases. First Semester. Three hours a week. Elective for Juniors and Seniors.

10. **International Law.** This course attempts to give an outline of the principles of International Law, using Wilson and Tucker's Manual as the text-book. Second Semester. Three hours a week. Elective for Juniors and Seniors.

ECONOMICS AND SOCIOLOGY

PROFESSOR HALL

1. **Economics.** An introductory course in the principles of Political Economy. Lectures, discussions, recitations. Saeger's "Introduction to Economics" is the text-book used. First Semester. Three hours a

week. Elective for approved Sophomores, and for Juniors and Seniors.

2. **Economics.** Continuation of Course 1. Applying economic theory in the study of modern industrial problems, such as the labor movement, combinations of capital, railroads and other public service monopolies. Second Semester. Three hours a week. Elective for approved Sophomores, and for Juniors and Seniors who have taken Economics 1.

3. **History of Economic Theory** in the light of industrial history. This course traces the origin and growth of systems of economic thought—such as the protective system and free trade—showing the close interrelations of economic theory and national industrial development. Text-books: Ingram's "History of Political Economy" and Price's "Short History of English Commerce and Industry". First Semester. Three hours a week. Elective for Juniors and Seniors who have taken Economics 1.

4. **Theories of Social Reconstruction.** An historical and critical analysis of the principle theories of radical social reconstruction, with special reference to the modern socialistic movement. Lectures and recitations. Text-books, Ely's "French and German Socialism," and Brooks's "Social Unrest." Second semester. Three hours a week. Elective for Juniors and Seniors who have taken Economics 1.

5. **Constitutional Government.** Its nature, genesis and operation, with a comparative historical study of national executive, legislative and judicial methods in the leading countries of Europe and America. First Semester. Three hours a week. Elective for Juniors and Seniors.

6. **Local Government.** Its conditions, principles, and historic development, as illustrated by English,

American, French and Russian systems, with special reference to the government of the modern industrial city, and problems of administrative justice. Second Semester. Three hours a week. Elective for Juniors and Seniors. Course 5 prerequisite.

7. **Criminology.** A study of the criminal class, of the nature and causes of crime, of the origin and development of criminal law, and of methods of punishment, prevention and reformation. Lectures, reports on topics assigned for investigation, with discussion and criticism of the reports in the class. Hall's "Crime and Social Progress" is the text-book used. First Semester. Three hours a week. Elective for approved Seniors.

8. **Educational Philanthropy.** A study of the unskilled and inefficient, chiefly in the tenement districts of our big cities and factory towns, and of the best methods of social uplift, including the organization of charities, settlement work, public parks, gymnasiums and playgrounds, etc. Lectures, papers on subjects assigned for investigation, with discussion and criticism of the papers in the class. Second Semester. Three hours a week. Elective for approved Seniors.

MENTAL AND MORAL PHILOSOPHY

PRESIDENT PEIRCE

PROFESSOR DEVOL

1. **Psychology.** The Briefer Course in Psychology of Professor James is used in the classroom. A careful critical comparison of Professor James with the older school of psychologists is made at every step, and independence of thought on the part of the student is made the prime object of the course. First Semester. Three hours a week. Required of Juniors.

2. **Logic and Ethics.** A small Handbook is used

as the basis of work in Logic, with lectures based on Lotze and Welton. The second half of the Semester is devoted to a study of the history and Theory of Ethics, with Mackenzie or Sidgwick as the text-book. Second Semester. Three hours a week. Required of Juniors.

3. **History of Philosophy.** A brief but systematic and critical outline of Ancient, Mediaeval, and early Modern Philosophy is presented. The text-books used are Zeller's Greek Philosophy and Falckenberg's History of Modern Philosophy. First Semester. Three hours a week. Elective for Juniors and Seniors.

4. **Metaphysics.** On the foundation of the outline of the History of Philosophy furnished by Course 3, a more thorough critical study of metaphysical questions is pursued by the careful reading of particular systems of philosophy, usually of Berkeley, Hume and Kant. Course 3 prerequisite. Second Semester. Three hours a week. Elective for Juniors and Seniors.

THE BIBLE

PROFESSOR SMYTHE

1. **The Old Testament.** General Biblical Introduction, and particular study of the Old Testament. The class will use the course of lessons entitled "The Fore-shadowings of the Christ," issued by the American Institute of Sacred Literature. First Semester. One hour a week. Required of Freshmen.

2. **The Old Testament.** Continuation of Course 1. Second Semester. One hour a week. Required of Freshmen.

3. **The Life of Our Lord.** The class will use the course of lessons upon this subject issued by the American Institute of Sacred Literature; also Stevens and Burton's Harmony of the Gospels. First Semester. One hour a week. Required of Sophomores.

4. **The Life of Our Lord.** Continuation of Course 3, together with lectures on Christian Evidences based upon the historical matter studied in this and the preceding course. Second Semester. One hour a week. Required of Sophomores.

GENERAL INFORMATION

RULES AND REGULATIONS

MATRICULATION

A student is admitted to matriculation when he has sustained a satisfactory probation. Matriculation gives accredited membership in the Institution, entitles the student to an honorable dismissal and is essential to his obtaining a degree. Each student, when matriculated, signs the following obligation :

We, the subscribers, undergraduates of Kenyon College, being now admitted to the rite of matriculation, do promise, each for himself :

1. That we will faithfully observe and obey the laws and regulations of the College, and all authoritative acts of the President and Faculty, so long as we are connected with the College; and as far as may be in our power, on all occasions we will give the influence of our good example and precept to induce others in like circumstances to do the same.

2. As faithful sons of Kenyon College, we will render to her as our Alma Mater, at all times and on all occasions, due honor and reverence, striving to promote her welfare by all proper means, and abstaining carefully from all things that may tend to impair her influence or limit her usefulness as a seminary of learning.

BACCALAUREATE DEGREES

The degree of Bachelor of Arts is conferred upon the completion of the Classical Course; that of Bachelor of Philosophy upon the completion of the Philosophical Course; that of Bachelor of Science upon the completion of the Scientific Course; and that of Bachelor of Letters upon the completion of the Literary Course.

THE DEGREE OF MASTER OF ARTS

Candidates for the Degree of Master of Arts must be graduates of Kenyon College, or of some other institution of equal standing.

The candidate shall be admitted by a vote of the College Faculty, and assigned to the oversight of some member of the College or Seminary Faculty, who shall be the director and judge of his work.

This work shall consist of some problem of research, the performance of which shall involve an amount of work equal to that of a full college year of fifteen hours a week. It shall moreover be of a character not less advanced than that done in Junior and Senior elective courses. No elementary work in any language shall count unless the candidate already possesses a fair knowledge of at least three other languages, not including modern English. The director may demand such reports, theses or examinations as may seem necessary to secure the proper performance of the work assigned. If a candidate fails to meet such requirements, his candidacy shall terminate.

The candidate shall prepare a thesis embodying the results of his work, and submit the same not later than May 15th. This thesis shall be subject to the approval of a committee consisting of the director and two other members from the College Faculty. If approved, it

shall be printed in a style to be indicated by the College, and fifty copies be deposited in the College Library. The diploma will be withheld until such deposit shall have been made.

The fee charged for the Master's degree shall be \$25.00, of which \$20.00 must be paid on admission as candidate, and \$5.00 accompanying transmission of the thesis.

This degree may also be conferred *honoris causa* upon men of good attainments in literature, science, history or philosophy, who shall submit theses or essays or published works indicative of such attainments.

Further, this degree may be conferred on graduates of Bexley Hall who are graduates of Kenyon College or of some other institution of equal standing, who shall fulfill the requirements regarding the thesis as stated above, and shall accompany the transmission of the same with the payment of the fee of \$5.00.

HOODS

The College has adopted the American intercollegiate system of academic costume, and its gowns and hoods are regulated by the Association. For the Bachelor's degree the hood is black in color and not exceeding three feet in length. It is of the same material as the gown and lined with mauve silk, the College color. The binding or edging, not more than six inches in width, is distinctive of the faculty to which the degree pertains, as follows: Arts, white; Theology, scarlet; Law, purple; Philosophy, dark blue; Science, gold yellow. The hood for the Master's degree is the same shape as the Bachelor's but one foot longer. The Doctor's hood is of the same length as the Master's, but has panels at the sides.

EXAMINATIONS AND CONDITIONS

Students who are not present at the opening of the term should show by written statement from their parents or guardians, that the absence was necessary.

Regularity in the performance of all College duties is important for the welfare not only of the individual student, but also of his class, and any student who persistently neglects these duties will be required to leave the College.

Students are required to take final examinations in all subjects. Any student absenting himself from such examinations is required to repeat the subject in class, and is not allowed to make it up by examinations. A student, who, by reason of poor work during the semester, or on the final examination, is conditioned in any subject is allowed to remove the condition by examination, unless in the opinion of the instructor his work has been so poor as to require repeating the subject in the class room.

Examinations for the removal of conditions will be held within the first week of the following semester. For those failing to pass this examination another opportunity will be offered within one week from the middle of that semester. Failure to pass both of these examinations will oblige the student to take the subject over again in class. Members of the Senior class will be allowed one further examination in addition to those specified, which examination is given during the Senior vacation.

PUBLIC WORSHIP

Students are required to attend Morning Prayer in the College Chapel and also the Church services on Sundays and the principal Holy Days.

Every absence from or tardiness at Morning Prayer is counted as one demerit, and every absence from or tardiness at a Church service, at which attendance is compulsory, is counted as two demerits. A student is allowed forty-four demerits a semester, and is suspended for the remainder of the semester if he exceeds that number. No application for excuse on any ground whatever is received from the student.

DISCIPLINE

The Faculty reserve the right to suspend or remove any student, whenever they believe that the interests of the College require such action.

EXPENSES

Entrance Fee	\$5 00
Tuition	75 00
Incidental Fee	10 00
Library and Reading Room.....	3 00
Gymnasium Fee	3 00
Room Rent	\$15 00 to 50 00
Heat	10 00 to 30 00

Students are required to room in the College dormitories, except by special permission from the President. The rooms are unfurnished, and furniture must be provided by the student.

Board can be obtained in private families and in students' clubs, at prices ranging from \$2.60 to \$5.00 a week.

Of general or personal expenses no estimate is attempted.

All students are required to pay their term bills in advance. Any student whose term bill shall not have been paid within two weeks after the date of its issue from the Treasurer's office, will be suspended from all

College privileges until payment has been made. If the bill shall remain unpaid at the end of the semester, the suspension will become final.

Each student must keep on deposit with the Treasurer \$5.00 as security for damages. Any balance is returned at the close of the year.

All checks and drafts should be made payable to R. S. Devol, Treasurer, Gambier, Ohio.