

CATALOGUE

— OF —

BUCHTEL COLLEGE,

AKRON, OHIO.

COLLEGIATE DEPARTMENT.

PREPARATORY DEPARTMENT.

1885-6.

WERNER & LOHMANN, AKRON, OHIO.

1886.

"LET THERE BE LIGHT."

Buchtel College.

NAMED IN HONOR OF

HON. JOHN R. BUCHEL,

Founded, owned, and controlled by the Ohio Convention
of Universalists, open alike to students of both sexes,
and of all religious opinions, and designed to
furnish the highest grade of Classical,
Scientific, and Literary Scholarship,
under the immediate direction
of thorough and expe-
rienced teachers.



COLLEGE CALENDAR.

1886.

Friday, June 18, 8 P. M.—Senior Preparatory Exercises.
Saturday, June 19, 8 P. M.—Buchtel Union Literary Exercises.
Sunday, June 20, 11 A. M.—Baccalaureate Sermon.
Monday, June 21, 2:30 P. M.—Class Day Exercises.
Monday, June 21, 8 P. M.—Address before the Literary Societies.
Tuesday, June 22, 2 P. M.—Annual Meeting of the Alumni Association.
Tuesday, June 22, 8 P. M.—Address before the Alumni Association.
Wednesday, June 23.—Annual Meeting of the Board of Trustees.
Wednesday, June 23, 8 P. M.—Annual Address.
Thursday, June 24, 10 A. M.—Graduating Exercises.

FALL TERM.

Tuesday, September 7.—Registration and Entrance Examinations.
Wednesday, September 8.—Entrance Examinations continued.
Thursday, September 9.—Instruction begins.
Thursday, December 16.—Fall Term ends.

1887.

WINTER TERM.

Tuesday, January 4.—Registration and Entrance Examinations.
Wednesday, January 5.—Instruction begins.
Tuesday, January 18.—Founder's Day.
Thursday, March 24.—Winter Term ends.

SPRING TERM.

Tuesday, March 29.—Registration and Entrance Examinations.
Wednesday, March 30.—Instruction begins.
Saturday, May 29.—Senior Vacation begins.
Sunday, June 19, to Thursday, June 23.—Commencement Exercises.
Thursday, June 23.—Graduating Exercises.

FALL TERM.

Tuesday, September 6.—Registration and Entrance Examinations.
Wednesday, September 7.—Entrance Examinations continued.
Thursday, September 8.—Instruction begins.

BOARD OF TRUSTEES.

HON. JOHN R. BUCHEL.....	AKRON.....	1888
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*CHAS. J. ROBINSON, B. S.....	AKRON.....	1887

*Deceased.

OFFICERS OF THE BOARD.

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254 Carroll Street.

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Hilton-Professor of Modern Languages.

407½ S. Forge Street.

WILLIAM D. SHIPMAN, A. M.,

Professor of the Greek Language and Literature.

231 S. Union Street.

CHARLES C. BATES, A. M.,

Professor of the Latin Language and Literature.

28 East Hall.

EDWARD W. CLAYPOLE, B. A., B. Sc., (Lond.), F. G. S.,

Professor of Natural Science.

108 Spruce Street.

CHARLES S. HOWE, B. S.,

Ainsworth-Professor of Mathematics and Astronomy.

549 E. Middlebury Street.

MARY B. JEWETT, A. B.,

Pierce-Professor of Rhetoric and English Literature.

West Hall.

PHILIP G. WRIGHT, A. M. B.,

Adjunct Professor of Mathematics.

38 East Hall.

LEE K. MIHILLS, LL. B.,

Instructor in Law.

135 Brown Street.

JENNIE GIFFORD, A. M.,
Principal of Preparatory Department, and Teacher of Science
and School Management.
107 S. Union Street.

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Teacher of English and Rhetorical Work.
321 S. College Street.

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Teacher of English and Latin.
27 West Hall.

DORA E. MERRILL,
Teacher in Normal Work.
21 West Hall.

JOHN R. SMITH,
Assistant in Chemical Laboratory.
42 East Hall.

CLAUS WOLFRAM,
Director of Department of Music, and Teacher of Piano,
Organ, and Theory.
316 E. Mill Street.

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Assistant Teacher of Piano.
538 E. Middlebury Street.

EMMA LOUISE McINTOSH,
Assistant Teacher of Piano.
527 E. Middlebury Street.

HELEN P. BRIGGS,
Teacher of Voice Culture.
408 Scoville Ave., Cleveland.

JOHANNES WOLFRAM,
Teacher of Harmony, Composition, and History of Music.
45 Poplar Street, Canton.

GUSTAV SIGEL,
Teacher of Violin, Cello, and Zither.
125 Crosby Street.

EMMA P. GOODWIN,
Teacher of Painting and Drawing.
39 West Hall.

WILLIAM L. SHINN,
Teacher of Penmanship.
114 N. High Street.

ENDOWMENTS.

MESSENGER PROFESSORSHIP.

The Messenger-Professorship of Mental and Moral Philosophy was endowed by Mrs. L. A. E. Messenger, of Akron, in memory of her deceased husband, Rev. George Messenger.

HILTON PROFESSORSHIP.

The Hilton-Professorship of Modern Languages was endowed by *John H. Hilton, of Akron.

PIERCE PROFESSORSHIP.

The Pierce-Professorship of Rhetoric and English Literature was endowed by Mrs. Chloe Pierce, of Sharpsville, Pa.

BUCHTEL PROFESSORSHIP.

The Buchtel-Professorship of Physics and Chemistry was endowed by Mrs. Elizabeth Buchtel, of Akron.

AINSWORTH PROFESSORSHIP.

The Ainsworth-Professorship of Mathematics and Astronomy was endowed by Henry Ainsworth, of Lodi.

*Deceased.

**PERPETUAL SCHOLARSHIPS FOUNDED BY
INDIVIDUALS.**

Fifty perpetual scholarships, of \$1,000 each, have been established by the following donors:

*Miss E. N. Steadman.....	Marietta.
*James Pierce.....	Sharpsville, Pa.
*Elijah Drury.....	Girard, Pa.
Mrs. Mary C. Martin.....	Hamilton.
James F. Davidson.....	Brimfield.
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*John Purdue.....	Lafayette, Ind.
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Mrs. E. W. Terrill.....	Jeffersonville.
*Mrs. John H. Hilton.....	Akron.
‡Mrs. Charlotte Robson.....	Newport, Ky.
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*Mrs. Louisa E. Forbes.....	Port Washington.
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N. B. and A. E. Johnson.....	Mingo.
Lloyd Nichols.....	Walhonding.
Henry Ainsworth (10).....	Lodi.
Lydia A. Drake.....	Norwood.
Miss Anna A. Johnson.....	Bay City, Mich.
Mr. and Mrs. John Miller.....	Edgerton.
John P. Chapin.....	New Philadelphia.
Christian Swank.....	Sheldon, Ind.

These scholarships are intended to aid worthy and deserving students.

*Deceased.

†In honor of her father, Eliphas Burnham.

‡In memory of her deceased husband, William Robson.

GENERAL INFORMATION.

BUCHTEL COLLEGE was founded by the Ohio Universalist Convention in 1870, and took its name from its most generous benefactor, Hon. J. R. Buchtel, who has consecrated his life and wealth to its support. It was chartered by the Ohio Legislature in the same year as a College of Liberal Arts and Letters, and is designed to secure the highest grade of Classical, Scientific, and Literary culture known to American Colleges.

LOCATION.

Buchtel College is located in Akron, Summit County, Ohio. This city, with a population of about 25,000, is situated in the midst of hills and valleys, and is one of the most picturesque in the country. From the first, Akron has evinced its interest in the College by bestowing a generous patronage. It is a healthy city, and easy of access, being located on the line of the New York, Pennsylvania & Ohio; Cleveland, Akron & Columbus; Valley; and Pittsburgh, Cleveland & Toledo Railways, and having direct connection with all parts of the country.

COLLEGIATE DEPARTMENT.

The curriculum embraces:

FIRST: A Classical Course.

SECOND: A Philosophical Course.

THIRD: A Scientific Course.

These are four years' courses, and are equal to those adopted by the best institutions of the country.

PREPARATORY DEPARTMENT.

In connection with the College proper, the Trustees have established a Preparatory School, in which students are thoroughly

fitted for the College classes. The course is full and practical, consisting of the studies usually found in High Schools and Academies.

NORMAL WORK.

Teachers, and those designing to teach, will receive special attention from thorough and experienced teachers in those studies which Examining Boards make essential to a thorough professional education. Regular work will be given in Methods of Teaching, and in the Art of School Management, whereby students may be better prepared for good and successful work in their own school rooms. Certificates of proficiency will be given.

DEPARTMENT OF MUSIC.

Superior advantages are afforded for the study of Music, both instrumental and vocal.

DEPARTMENT OF ART.

Instruction is given by competent teachers in Design, Drawing, Oil and Water Color Painting, including landscape, flowers, and portraiture from nature. Sepia drawing, painting on satin, velvet or plush, taught if desired.

LABORATORY AND APPARATUS.

The college is provided with excellent Mathematical Instruments, and Philosophical and Chemical Apparatus of the most approved kind. It has a Laboratory open to students, well furnished with appliances for making chemical experiments and analyses. The Department of Natural History is also well supplied with microscopes for the prosecution of biological work.

ASTRONOMICAL OBSERVATORY.

The observatory is furnished with the following instruments: Equatorial Telescope of 4.5 inches aperture, which is provided with a variety of eye-pieces, and a ring micrometer.

Transit Circle of 3-inches aperture, with circles sixteen inches in diameter, by Fauth & Co., of Washington. One of the circles is coarsely divided on the edge, and serves as a finder; the other is divided into five-minute spaces, and is read by two micrometer-

microscopes to single seconds. It is also provided with a right ascension and declination micrometer, and a sensitive striding level. A delicate level is attached to the telescope, so that the instrument can be used as a zenith telescope.

Sidereal Clock by Howard & Co., of Boston. This clock has electrical attachments for operating the chronograph.

Mean Time Clock by Fauth & Co. This clock is provided with Gardner's electrical attachments for operating the chronograph, dropping a time-ball, correcting a system of controlled clocks, and giving time to jewelers and others.

Chronograph by Fauth & Co.

Sextant of seven and a half inches radius, reading to ten seconds, by Fauth & Co.

Spherometer, after the one designed by Prof. Harkness, and a Level Trier, are also by Fauth & Co.

Barometer and Thermometer by J. & H. J. Green, of New York.

The observatory is intended for the use of the students, and, although some of the apparatus is very delicate and costly, yet it will be freely placed in the hands of those students who prepare themselves for its use.

CABINET OF NATURAL HISTORY.

The collection includes specimens illustrating many of the existing and extinct forms of animal life. The plan of the Museum is adapted rather for purposes of study than of show. Specimens are chosen with the same object in view.

Two years ago the Scientific Club of the city presented their collection to the College. This included numerous objects of interest and of value, part of which has been incorporated with the other collection of the College, but the local specimens, which constituted the greater portion, have been placed by themselves as the nucleus of another museum.

LIBRARY AND READING ROOM.

The College Library, containing a well selected assortment of books, together with the Reading Room, supplied with literary and scientific periodicals, is open to all students from 9 A. M. to 9 P. M. The students are expected to make use of these privileges in connection with their regular college work.

LECTURES.

The instruction of the College aims to combine the advantages of the lecture and recitation systems.

Lectures are delivered before the College students on topics of general interest.

During the past year the following lectures have been delivered:

A. A. Stearns.....	"Protection."
H. A. Kelley.....	"Pompeii."
Rev. E. K. Young, D. D.....	"Savonarola."
Rev. C. E. Nash.....	"Invention, and What it Comes to."
Supt. B. A. Hinsdale.....	"Practical Education."
Prof. E. W. Claypole.....	"Glimpses at Primeval Man."

CO-EDUCATION.

The College is open to students of both sexes, who are admitted to equal educational privileges and honors.

The results achieved in Buchtel College testify to the ability of young ladies to compete successfully with young gentlemen for the honors of thorough scholarship.

RELIGION.

While the College is under the auspices of a religious denomination, no restriction is imposed upon the exercise of religious opinions.

Students attend whatever church their parents or guardians may elect. Nearly all denominations, both Protestant and Catholic, are represented in Akron by flourishing churches. While the College recognizes and honors religion, it is, in its internal economy, in no sense sectarian.

Religious opinions are respected, but not taught.

All students are required to attend morning prayers and the reading of the Scriptures in the Chapel.

LITERARY WORK.

COLLEGE RHETORICAL WORK.—The students are organized into classes for exercises in orations, essays, and debate. These classes are under the direction of the Professor of Rhetoric and English Literature. Each student is required to prepare and deliver original performances at stated times during the college year.

LITERARY SOCIETIES.—There are five literary societies in the College, under the direction and control of the students—the Buchtel Union, the Greely, and the H. H., for students in the college department, and in the preparatory department the Everett, for the young gentlemen, and the Cary for the young ladies.

Regular weekly meetings are held by each of these societies.

ADMISSION AND RECORD.

Candidates for admission, who present satisfactory grades from schools of good standing, will be admitted without examination. All others will be examined.

During the course of study, unannounced examinations are held at the discretion of the Professors, and announced examinations are required in case of absence or failure.

Applicants desiring to enter an advanced class, who do not present satisfactory grades from other colleges, will be examined in the studies of the lower classes, or their equivalents, in the particular course to be pursued.

Students having completed the studies of the Preparatory Department will be admitted to the corresponding course of the College without further examination.

Arrangements can be made by the students for private instruction, for the removal of conditions.

Testimonials of good moral character must be presented by all applicants.

Students coming from other institutions of learning must furnish certificates of honorable dismissal.

No student who has absented himself from an examination will be permitted to continue in his class without making satisfactory arrangements with the Professor in charge.

A record of each student's standing is kept, which may be examined by committees, trustees, parents, and friends of the College.

Monthly reports of the grade of all students who fail, without good reason, to make 70 per cent., will be sent to parents and guardians.

DEGREES.

The Degree of Bachelor of Arts will be conferred on students who have completed the Classical Course.

The Degree of Bachelor of Philosophy will be conferred on those who have completed the Philosophical Course.

The Degree of Bachelor of Science will be conferred on those who have completed the Scientific Course.

Bachelors of Arts, Bachelors of Philosophy, and Bachelors of Science, graduates of this College, who shall show special proficiency in literary and scientific studies, and present a satisfactory thesis or oration to the Faculty, will be, at a date not earlier than three years after graduation, recommended for the Master's Degree in their respective courses.

Candidates for the Master's Degree must present to the President a formal application, together with an oration or thesis, and a fee of five dollars, at least one month before the annual Commencement.

REDUCED RAILROAD FARES.

The New York, Pennsylvania & Ohio; Cleveland, Akron & Columbus; and Valley Railways, will sell to students at reduced rates round-trip tickets from Akron; and the Pittsburgh, Fort Wayne & Chicago, from Massillon and Orrville.

BOARDING ACCOMMODATIONS.

The College building affords ample accommodations for boarding one hundred and fifty students. There are eighty rooms in the building that can be used for students' purposes. The rooms are heated by steam and lighted by gas. The East Hall is occupied exclusively by the young gentlemen, while the West Hall is occupied exclusively by young ladies. The Dining Hall will accommodate two hundred students.

Board may be secured in private families for \$3.00 per week and upward.

It is, however, desirable that young ladies, especially, shall board and room in the college building. They are more "at home" in the building, and besides they are more thoroughly protected from inclement days in Winter and Spring.

BOARDING CLUBS.

Several clubs are in successful operation, in which board is obtained at prices ranging from \$1.75 to \$2.00 per week. Others will be organized whenever there is sufficient demand for them. This mode of living is quite popular at the college, many of the students having adopted it.

REMARKS.

Each room is furnished with bedstead, mattresses, pillows, chairs, table, stand, bureau, mirror, and commode. Those intending to room in the College building should bring sheets, pillow-cases, blankets, napkins, towels, &c.

All articles of clothing should be marked with the full name.

The College authorities reserve the privilege of locating two students in each room.

Rooms in the College are heated by steam and lighted by gas. They are commodious, well ventilated, and pleasant. Good board is furnished, sociables are held every evening after tea, good manners are cultivated, and every effort is put forth to make the College a HOME for the student.

To students working in the Chemical Laboratory a small charge will be made, to cover use of chemicals and breakage.

To students working in the department of Natural Science a charge will be made for the use of instruments and material.

Tuition and room rent for the term must be paid in advance. No tuition or room rent will be refunded, except for absence on account of protracted sickness.

For information in regard to accommodations and expenses,
address

A. B. TINKER, SECRETARY.

For information in relation to admission and course of study,
address

DR. O. CONE, PRESIDENT.



COLLEGIATE DEPARTMENT.

FACULTY AND OFFICERS.

REV. ORELLO CONE, D. D.,

PRESIDENT,

Messenger-Professor of Mental and Moral Philosophy.

CHARLES M. KNIGHT, A. M.,

Buchtel-Professor of Physics and Chemistry.

CARL F. KOLBE, A. M.,

Hilton-Professor of Modern Languages.

WILLIAM D. SHIPMAN, A. M.,

Professor of the Greek Language and Literature.

CHARLES C. BATES, A. M.,

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EDWARD W. CLAYPOLE, B. A., B. Sc., (LOND.), F. G. S.,

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CHARLES S. HOWE, B. S.,

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MARY B. JEWETT, A. B.,

Pierce-Professor of Rhetoric and English Literature.

PHILIP G. WRIGHT, A. M. B.,

Adjunct Professor of Mathematics.

LEE K. MIHILLS, LL. B.,

Instructor in Law.

CHARLES C. BATES, A. M.,

SECRETARY.

COLLEGIATE COURSES.

THREE COURSES OF STUDY.

To afford an extensive field for the choice of studies, three regular courses, each of four years, are provided, with three years of preparatory work. These are:

I. The Classical Course, with the Degree of Bachelor of Arts, for graduation.

II. The Philosophical Course, with the Degree of Bachelor of Philosophy.

III. The Scientific Course, with the Degree of Bachelor of Science.

All studies in these courses are elective after the first term of the Sophomore year. Each student is expected to select four studies, sixteen recitations, per week; and to choose, so far as practicable, consecutive lines of work. Those electing studies will be required to satisfy the faculty that they are qualified to pursue them, and so to elect that they will be able to obtain the requisite number of subjects each session throughout the course. Students are required to hand to the President, at least two weeks before the beginning of any term, a list of the elective studies for that term.

I. THE CLASSICAL COURSE

affords an opportunity for the study of Greek, Latin, German, French, Comparative Philology, Mathematics, Natural Science, Physical Science, English Literature, Logic, Mental and Moral Philosophy, Political Science, etc., as pursued in the leading American colleges.

TERMS OF ADMISSION.

Candidates for the Freshman Class, in the Classical Course, not presenting satisfactory grades, will be required to pass an examination in the following branches:

GREEK.—Grammar, including Prosody, (Goodwin or Hadley); three books of the Anabasis; two books of Homer's Iliad; Prose Composition, as found in Jones' Exercises; Greek History.

LATIN.—Grammar, including Prosody, (Harkness or Allen & Greenough); three books of Cæsar's Commentaries; six of Cicero's Orations; six books of Virgil's Æneid; the first twenty lessons of Jones' Latin Prose Composition; Roman History.

MATHEMATICS.—Arithmetic, (including the Metric System); Algebra through Quadratic Equations; Plane Geometry.

DRAWING.—Industrial and Free-Hand.

ENGLISH.—Geography; History of United States; Grammar; Orthography.

II. THE PHILOSOPHICAL COURSE

affords an opportunity for the study of Latin, Mathematics, Natural Science, Physical Science, English Literature, German, French, Logic, Mental and Moral Philosophy, Political Science, etc.

TERMS OF ADMISSION.

Candidates for the Freshman Class, in the Philosophical Course, not presenting satisfactory grades, will be required to pass an examination in the following branches:

LATIN.—Grammar, including Prosody, (Harkness or Allen & Greenough); three books of Cæsar's Commentaries; six of Cicero's Orations; six books of Virgil's Æneid; the first twenty lessons of Jones' Latin Prose Composition; Roman History.

DRAWING.—Industrial and Free-Hand.

NATURAL SCIENCE.—Physiology; Physical Geography.

MATHEMATICS.—Arithmetic, (including Metric System); Algebra through Quadratic Equations; Plane Geometry.

ENGLISH.—Orthography; Grammar; Advanced Analysis; General History; History of United States; Science of Government; Geography.

III. THE SCIENTIFIC COURSE

affords an opportunity for the study of Mathematics, German, French, Natural Science, Physical Science, Logic, Political Science, Mental and Moral Philosophy, English Literature, etc.

TERMS OF ADMISSION.

Candidates for the Freshman Class, in the Scientific Course, not presenting satisfactory grades, will be required to pass an examination in the following branches:

NATURAL SCIENCE.—Physiology; Natural Philosophy; Physical Geography.

DRAWING.—Industrial and Free-Hand.

MATHEMATICS.—Arithmetic, (including Metric System); Algebra through Quadratic Equations; Plane Geometry.

ENGLISH.—Grammar; Advanced Analysis; Elementary Rhetoric; Reading; Orthography; Etymology; Geography; History of United States; General History; Science of Government.

Equivalents for these requirements will be accepted in all the courses.

All students are advised and expected, as far as possible, to pursue a regular course of study, even if it cannot be completed. In cases where this is not practicable, a permit may be obtained, by petition to the Faculty, to select such branches and special lines of study as the student may be found fitted to pursue. On the completion of such studies the student will receive a certificate stating what work has been done. Such irregular students admitted to college classes must be prepared for entrance to the Freshman Class.

After the year 1887-88 the requirements for admission to the Freshman Class in the Scientific Course will correspond to the Preparatory Course as published in this catalogue.



COURSES OF STUDY.

FRESHMAN CLASS.

CLASSICAL.

FIRST TERM.

* *English.*—Composition and Modern Authors.
 † *Greek.*—Homer's Iliad.
 † *Latin.*—Livy, Prose Composition.
 † *Mathematics.*—Solid Geometry.
 † *Natural Science.*—Zoology.

SECOND TERM.

* *English.*—Composition and Modern Authors.
 † *Greek.*—Homer's Odyssey; Herodotus.
 † *Latin.*—Livy, Cicero de Amicitia, Prose Composition.
 † *Mathematics.*—Advanced Algebra.

THIRD TERM.

Greek.—Selections: Thucydides, Memorabilia and Plato.
Latin.—Horace's Odes, Metres, Prose Composition.
Mathematics.—Plane Trigonometry.
Natural Science.—Botany, Gray.

*Two hours per week.
 †Three hours per week.
 †Four hours per week.
 †Five hours per week.

PHILOSOPHICAL.

FIRST TERM.

* *English.*—Composition and Modern Authors.
 † *German.*—Grammar, Exercises; Reader.
 † *Latin.*—Livy, Prose Composition.
 † *Mathematics.*—Solid Geometry.
 † *Natural Science.*—Zoology.

SECOND TERM.

* *English.*—Composition and Modern Authors.
 † *German.*—Grammar, Exercises; Reader.
 † *Latin.*—Livy, Cicero de Amicitia, Prose Composition.
 † *Mathematics.*—Advanced Algebra.

THIRD TERM.

German.—Grammar, Exercises; Das Wirthshaus zu Cransac, Zschokke.
Latin.—Horace's Odes, Metres, Prose Composition.
Mathematics.—Plane Trigonometry.
Natural Science.—Botany, Gray.

SCIENTIFIC.

FIRST TERM.

* *English.*—Composition and Modern Authors.
 † *German.*—Grammar, Exercises; Reader.
 † *History.*—English People, Greene.
 † *Mathematics.*—Solid Geometry.
 † *Natural Science.*—Zoology.

SECOND TERM.

* *English.*—Composition and Modern Authors.
 † *German.*—Grammar, Exercises; Reader.
 † *History.*—English People, Greene.
 † *Mathematics.*—Advanced Algebra.

THIRD TERM.

German.—Grammar, Exercises; Das Wirthshaus zu Cransac, Zschokke.
History.—English People, Greene.
Mathematics.—Plane Trigonometry.
Natural Science.—Botany, Gray.

Beginning with the third term of the Freshman Year, each class recites four hours per week, throughout the course.

SOPHOMORE CLASS.

CLASSICAL.

FIRST TERM.

Greek.—Antigone of Sophocles; Greek Literature.

Latin.—Horace's Satires and Epistles; Roman Literature.

Mathematics.—Analytical Geometry.

Physical Science.—Chemistry, with Laboratory Practice.

*SECOND TERM.

Greek.—Prometheus of Aeschylus; Greek Literature.

Latin.—Germania and Agricola of Tacitus.

Literature.—American Authors.

Mathematics.—{ Calculus, Elementary.
Theory of Equations.

Natural Science.—Elementary Mineralogy and Geology.

Physical Science.—Chemistry, with Blow-Pipe Analysis.

THIRD TERM.

Greek.—Oratory: Third Olynthiac of Demosthenes, and Lysias.

Latin.—Cicero de Oratore.

Literature.—American Oratory.

Mathematics.—{ Calculus, Elementary.
Surveying.

Physical Science.—Organic Chemistry.

PHILOSOPHICAL.

FIRST TERM.

German.—Jungfrau von Orleans, Schiller; Prose Composition.

Latin.—Horace's Satires and Epistles; Roman Literature.

Mathematics.—Analytical Geometry.

Physical Science.—Chemistry, with Laboratory Practice.

*SECOND TERM.

German.—Hermann und Dorothea, Goethe; Prose Composition.

Latin.—Germania and Agricola of Tacitus.

Literature.—American Authors.

Mathematics.—{ Calculus, Elementary.
Theory of Equations.

Natural Science.—Elementary Mineralogy and Geology.

Physical Science.—Chemistry, with Blow-Pipe Analysis.

THIRD TERM.

German.—Goldelse, Marlitt; Prose Composition.

Latin.—Cicero de Oratore.

Literature.—American Oratory.

Mathematics.—{ Calculus, Elementary.
Surveying.

Physical Science.—Organic Chemistry.

SCIENTIFIC.

FIRST TERM.

German.—Jungfrau von Orleans, Schiller; Prose Composition.

Literature.—Outline History.

Mathematics.—Analytical Geometry.

Physical Science.—Chemistry, with Laboratory Practice.

*SECOND TERM.

German.—Hermann und Dorothea, Goethe; Prose Composition.

Literature.—American Authors.

Mathematics.—{ Calculus, Elementary.
Theory of Equations.

Natural Science.—Elementary Mineralogy and Geology.

Physical Science.—Chemistry, with Blow-Pipe Analysis.

THIRD TERM.

German.—Goldelse, Marlitt; Prose Composition.

Literature.—American Oratory.

Mathematics.—{ Calculus, Elementary.
Surveying.

Physical Science.—Organic Chemistry.

*Studies elective from this point. See page 19.

JUNIOR CLASS.

CLASSICAL.

FIRST TERM.

German.—Grammar, Exercises; Reader.
Greek.—Media of Euripides; Comparative Philology.
Latin.—Plautus' Mostellaria and Terence's Adelphi.
Mathematics.—Calculus and Advanced Conic Sections.
Natural Science.—Biology (Botany and Zoology).
Physical Science.—{ Mechanics.
 Qualitative Chemical Analysis.
Political Science.—Political Economy.

SECOND TERM.

German.—Grammar, Exercises; Reader.
Greek.—To be selected; Comparative Philology.
Latin.—Juvenal's Satires.
Logic.—Deductive.
Mathematics.—{ Calculus and Solid Analytical Geometry.
 Spherical Trigonometry.
Natural Science.—Elementary Mineralogy and Geology.
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
German.—Grammar, Exercises; Das Wirthshaus zu Cransac, Zschokke.
Greek.—To be selected.
Latin.—Pliny's Letters and Seneca's Moral Essays.
Logic.—Inductive.
Mathematics.—Calculus and Solid Analytical Geometry.
Philosophy.—Psychology.
Physical Science.—{ Light and Photography.
 Quantitative Chemical Analysis.

PHILOSOPHICAL.

FIRST TERM.

German.—Nathan der Weise, Lessing; German Essays.
Latin.—Plautus' Mostellaria and Terence's Adelphi.
Mathematics.—Calculus and Advanced Conic Sections.
Natural Science.—Biology (Botany and Zoology).
Physical Science.—{ Mechanics.
 Qualitative Chemical Analysis.
Political Science.—Political Economy.

SECOND TERM.

German.—Wallenstein, Schiller; German Essays.
Latin.—Juvenal's Satires.
Logic.—Deductive.
Mathematics.—{ Calculus and Solid Analytical Geometry.
 Spherical Trigonometry.
Natural Science.—Elementary Mineralogy and Geology.
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
German.—Faust, Goethe; German Essays.
Latin.—Pliny's Letters and Seneca's Moral Essays.
Logic.—Inductive.
Mathematics.—Calculus and Solid Analytical Geometry.
Philosophy.—Psychology.
Physical Science.—{ Light and Photography.
 Quantitative Chemical Analysis.

SCIENTIFIC.

FIRST TERM.

German.—Nathan der Weise, Lessing; German Essays.

Mathematics.—Calculus and Advanced Conic Sections.
Natural Science.—Biology (Botany and Zoology).
Physical Science.—{ Mechanics.
 Qualitative Chemical Analysis.
Political Science.—Political Economy.

SECOND TERM.

German.—Wallenstein, Schiller; German Essays.

Logic.—Deductive.
Mathematics.—{ Calculus and Solid Analytical Geometry.
 Spherical Trigonometry.
Natural Science.—Elementary Mineralogy and Geology.
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
German.—Faust, Goethe; German Essays.

Logic.—Inductive.
Mathematics.—Calculus and Solid Analytical Geometry.
Philosophy.—Psychology.
Physical Science.—{ Light and Photography.
 Quantitative Chemical Analysis.

SENIOR CLASS.

CLASSICAL.

FIRST TERM.

Astronomy.—Practical and Spherical.
French.—Grammar, Exercises; Reader.
German.—Jungfrau von Orleans, Schiller;
 Prose Composition.
Law.—Constitutional.
Literature.—Milton and Spenser.
Mathematics.—Higher Mathematics.
Philosophy.—History of Philosophy.
Physical Science.—Electricity and Magnetism.

SECOND TERM.

Astronomy.—Practical and Spherical.
French.—Grammar; Le Verre d'eau, Scribe.
German.—Hermann und Dorothea, Goethe;
 Prose Composition.
Law.—International and Municipal.
Literature.—Shakespeare.
Mathematics.—Higher Mathematics.
Natural Science.—Anatomy and Physiology.
Philosophy.—Ethics.
Physical Science.—Heat.

THIRD TERM.

Astronomy.—Practical and Spherical.
French.—Phedre, Racine.
German.—Goldelse, Maritt; Prose Composition.
Law.—International and Municipal.
Literature.—Chaucer.
Mathematics.—Higher Mathematics.
Natural Science.—Geology.
Philosophy.—Ethics.

PHILOSOPHICAL.

FIRST TERM.

Astronomy.—Practical and Spherical.
French.—Grammar, Exercises; Reader.

Law.—Constitutional.
Literature.—Milton and Spenser.
Mathematics.—Higher Mathematics.
Philosophy.—History of Philosophy.
Physical Science.—Electricity and Magnetism.

SECOND TERM.

Astronomy.—Practical and Spherical.
French.—Grammar; Le Verre d'eau, Scribe.

Law.—International and Municipal.
Literature.—Shakespeare.
Mathematics.—Higher Mathematics.
Natural Science.—Anatomy and Physiology.
Philosophy.—Ethics.
Physical Science.—Heat.

THIRD TERM.

Astronomy.—Practical and Spherical.
French.—Phedre, Racine.

Law.—International and Municipal.
Literature.—Chaucer.
Mathematics.—Higher Mathematics.
Natural Science.—Geology.
Philosophy.—Ethics.

SCIENTIFIC.

FIRST TERM.

Astronomy.—Practical and Spherical.
French.—Grammar, Exercises; Reader.

Law.—Constitutional.
Literature.—Milton and Spenser.
Mathematics.—Higher Mathematics.
Philosophy.—History of Philosophy.
Physical Science.—Electricity and Magnetism.

SECOND TERM.

Astronomy.—Practical and Spherical.
French.—Grammar; Le Verre d'eau, Scribe.

Law.—International and Municipal.
Literature.—Shakespeare.
Mathematics.—Higher Mathematics.
Natural Science.—Anatomy and Physiology.
Philosophy.—Ethics.
Physical Science.—Heat.

THIRD TERM.

Astronomy.—Practical and Spherical.
French.—Phedre, Racine.

Law.—International and Municipal.
Literature.—Chaucer.
Mathematics.—Higher Mathematics.
Natural Science.—Geology.
Philosophy.—Ethics.

SUMMARY OF INSTRUCTION

BY DEPARTMENTS.

MENTAL AND MORAL PHILOSOPHY.

PRESIDENT CONE.

Psychology, which is an elective for the Juniors in the second and third terms, is taught by text-books and oral instruction. Theses on important topics in the science are required of students pursuing the study, and are subjected to criticism and discussion in the class. The study and discussion of questions of metaphysics proper constitute the larger part of the work during the latter half of the third term.

Moral Philosophy is an elective in the last two terms of the Senior year, and embraces theoretical and practical ethics, and discussions of the origin of ethical ideas in the light of modern philosophy.

The History of Philosophy, which is an elective for the Seniors in the first term, embraces a historical exposition of the systems of ancient and modern philosophy, and is taught by lectures, recitations, and discussions.

POLITICAL SCIENCE.

PRESIDENT CONE.

Political Economy is an elective for the Juniors in the first term, and is taught so as to present the history of the science and lead to a thorough comprehension of established principles. The reading of the works of the masters of the science is called for in the preparation of the theses required of the class.

PHYSICAL SCIENCE.

PROF. C. M. KNIGHT, A. M.

Chemistry.—The elements of inorganic chemistry are taught by recitations, lectures, and practical work in the laboratory. Each student is assigned a desk in the laboratory, furnished with appa-

ratus and chemicals, and it is required that every statement shall be illustrated and confirmed by experiment; each student is further required to manufacture one or more salts under each basic element, and to explain fully the process and principles involved.

A course in blow-pipe analysis includes the tests for elements as they occur in ores of greatest economic value. The instruction in organic chemistry consists of recitations, lectures, and laboratory work. The lectures discuss the theories and present the latest researches; work in the laboratory comprises proximate analysis and the preparation, by synthesis, of organic products.

The instruction in analytical chemistry extends through the larger part of the Junior year; the course, including qualitative and quantitative analysis, involves such a variety of methods and processes as will enable the student to undertake any chemical analysis.

Industrial chemistry is taught by lectures and laboratory practice. Whenever practicable, actual products are exhibited to students, and the manufacturing processes reproduced in miniature. The great losses by imperfect methods of manufacture and by waste products are pointed out, and the student taught to see the true economy of production. Illustrative of the topics studied, visits are made to various manufacturing establishments, and an opportunity given to see manufacturing operations in actual working.

Physics.—The course includes recitations, lectures, and laboratory practice in Optics, Heat, Acoustics, and Electricity. A simple exposition of the experimental facts of these branches is first undertaken, followed by theoretical discussions to show the connection of their principles, and to bring out their common relation to the doctrine of the conservation of energy. Lectures present the recent advances of Physical Science, and point out the practical application of its principles. The subject of Photography, including its various applications in the sciences and arts, is taught by practical work.

Students are required to become familiar with the projecting lantern as an instrument of demonstration in the lecture room, and, in general, to perform with their own hands all experimental illustration. The apparatus for illustrating general principles is being supplemented by instruments for making accurate measurements.

MODERN LANGUAGES.

PROF. C. F. KOLBE, A. M.

The German and French languages are taught in Buchtel College as the leading ones among the Modern Languages. The German language, especially, to which, in most colleges, a subordinate place is assigned, receives full recognition in Buchtel College. It is on an equal footing with other studies in the results obtained from a several years' course. It is taken up, as a new study, in the Freshman Class (except by students of the Classical Course, who begin the study of German in the Junior year), and is made obligatory during this year, as well as the first term of the Sophomore year. It may be continued during the remainder of the Sophomore and the entire Junior year.

Thus, a three years' course with requirements corresponding to a systematic progress, guarantees to the faithful student an accurate and comprehensive knowledge, furnishing the key to the vast field of literature vouchsafed by this language.

Beyond this, however, the course of instruction recognizes the practical claims to the German language, in a country where millions of German-speaking people live, where business relations and demands, in their various forms, call for an actual and practical use of this language, and where, therefore, this language, above all, should become a living language in the mouth of the student. To obtain this end, in its widest possible range, the German language is spoken, by the teacher and student, from the first moment the latter enters the class-room for his first recitation, and this practice is continued throughout the entire course. The student who gradually becomes accustomed to the sounds of the foreign language, soon learns to use and express himself in the same.

Buchtel College, then, uses the "Natural Method" of teaching German, and it can be said truthfully that, during the many years of its use, satisfactory results, in general, and surprising results in very many cases, have been obtained by this well-tested "Natural Method." With this experience of past years, the College is prepared to extend its requirements, in this department, with each succeeding year, securing thereby to the student increased benefits.

The French language is studied during the Senior year—at a time when the discipline of years of study of other languages enables the student of a more ripened judgment and increased

ability of observation to rapidly acquire and apply an extended knowledge of this language, far in advance of requirements generally resulting from the study of this language, for a similar period, under ordinary circumstances.

DEPARTMENT OF GREEK.

PROF. W. D. SHIPMAN, A. M.

After a thorough course of preparation, we aim to study the masterpieces of Ancient Greece, from a literary point of view. This includes a study of the different kinds of composition; written translations of select passages, both in prose and in verse; a consideration of the plan and outline of all works studied, even though they are read but in part; written sketches of the life, the style, and the works, of each author read; and a study of the logical and rhetorical features which we are constantly meeting.

The first term of the Freshman year, the Iliad is continued, reading Book III and Selections, as found in Johnson's edition. The remainder of the year is given to Selections: from the Odyssey, the Histories of Herodotus and Thucydides, the Memorabilia, and the Phaedo.

During the fall term of the Sophomore year we begin the Drama, reading a play of Sophocles,—including the scansion of the Choral Odes,—and study in connection a brief history of Greek Literature, aiming to give a systematic idea of its development and leading forms. The second term, passing the elective point, we read Aeschylus, and in the third term take up Oratory. The first term of the Junior year is given to Euripides. For the second and third terms, the author will be chosen according to circumstances and the ability and taste of those electing. During the first and second terms we also take up Comparative Philology, aiming to gain a knowledge of its history, principles, and methods, and to do some original work.

DEPARTMENT OF LATIN.

PROF. CHAS. C. BATES, A. M.

The course in Latin, embracing a period of six years, three in the Preparatory and three in the Collegiate Department, is designed to furnish the student with a thorough knowledge of the grammatical and rhetorical features of the Latin language, and also

acquaint him with the principal productions of the foremost prose and poetical writers in the various periods of Roman Literature.

The list of authors whose works are studied comprises Cæsar, Cicero, Virgil, Livy, Horace, Tacitus, Terence, Plautus, Juvenal, Pliny, and Seneca.

These are supplemented by Latin Prose Composition, Roman History and Antiquities, Roman Literature, and the Elements of Philology.

The foundation is laid by the requisite drill upon grammatical forms, syntactical principles, and idiomatic expressions, while careful comparisons are instituted between the literal and the smooth rendition of passages.

At an early period the student is thereby enabled to intelligently appropriate the truths inculcated by the author, and appreciate the beauties of the language employed.

Two methods of pronunciation, the English and the Roman, are used, but the preference is given to the former.

In poetry, familiarity with prosody and scansion is acquired.

Translation at sight constitutes a prominent feature in the work of advanced classes.

Throughout the course considerable attention is devoted to English derivation, a subject absolutely essential to an adequate comprehension of scientific terminology.

It is believed that by the plan adopted the interests of culture and utility are equally subserved.

NATURAL SCIENCE.

PROF. E. W. CLAYPOLE, B. A., B. SC., (LOND.), F. G. S.

This Department includes the subjects of Botany, Zoology, Geology and Palæontology, Anatomy and Physiology. Most of these subjects are studied during two terms, the former of which is devoted to the elementary portions, and the latter to work of a rather more difficult nature.

Methods of study are adopted which are sufficient to make industrious and well prepared students familiar with the principles of the Natural Sciences, and competent to pursue the study in later years in its higher branches.

Mere text-book work is little used, but special subjects for investigation and report are set from time to time in the higher classes, the results of which are produced in class either in the form

of written papers or oral addresses. These results are then discussed by the members of the class, and summarized in writing.

Lectures, dealing chiefly with topics on which information is otherwise inaccessible to students, alternate with other work throughout all the course.

Direct contact with nature, rather than reliance on authority, is encouraged, and students are employed in the study of the local Natural History as far as possible, with the object of developing their own powers of observation and deduction. The College possesses a fair and increasing Museum, lately increased by the addition of the collections of the Akron Natural History Society, whose meetings are now held at the College. Students have the opportunity of attending these meetings and of becoming members of the Society. This affords an invaluable opportunity to those who desire to do special work in Science beyond what can be provided for in the ordinary classes.

The Department possesses a set of simple microscopes for general use in the classes, and superior instruments for the advantage of students in the higher branches.

By these various means an opportunity is afforded to students of making acquaintance with the general scope of Natural Science, and of carrying on minute investigation in a limited portion of this great field.

MATHEMATICS AND ASTRONOMY.

PROF. C. S. HOWE, B. S.

ADJUNCT PROF. P. G. WRIGHT, A. M. B.

FRESHMAN CLASS.

FIRST TERM.—*Geometry* (Wentworth), solid and spherical.

SECOND TERM.—*Advanced Algebra* (Olney), including the binomial theorem, partial fractions, cubic and biquadratic equations.

THIRD TERM.—*Trigonometry* (Olney), plane.

SOPHOMORE CLASS.

FIRST TERM.—*Analytical Geometry* (Puckle), including the conic sections and general equation of the second degree.

SECOND TERM.—*Elementary Calculus* (Taylor), the methods of differentiation and integration of algebraic and trigonometric forms. *Theory of Equations* (Todhunter), including Sturm's theorem, Horner's method, and symmetrical functions.

THIRD TERM.—*Elementary Calculus* (Taylor), the application of calculus to analytical geometry and mechanics.

Surveying (Murray), the use of the compass, transit and level, theory of railroad curves, and road-making.

JUNIOR CLASS.

FIRST TERM.—*Calculus* (Todhunter), the first twelve chapters of the differential calculus. *Advanced Conic Sections* (Puckle), and including a series of lectures on some of the modern methods in analytical geometry.

SECOND TERM.—*Calculus* (Todhunter), finishing the differential and including about eight chapters of the integral. *Solid Analytical Geometry* (Smith), straight line and plane.

Spherical Trigonometry (Chauvenet). This is intended as a preparation for the Spherical and Practical Astronomy of the next year.

THIRD TERM.—*Calculus* (Todhunter), including the rectification of curves, volumes of solids, definite integrals, etc. *Solid Analytical Geometry* (Smith), including surfaces of the second degree.

Astronomy (Newcomb and Holden), descriptive.

SENIOR CLASS.

FIRST TERM.—*Spherical and Practical Astronomy* (Chauvenet), the principles of spherical astronomy, parallax, refraction, method of least squares, etc. The student will go into the observatory from the first and become familiar with the use of the instruments. Problems in determining time, latitude, and longitude, will be assigned, which the student will work out for the most part by himself.

Higher Mathematics. Some branch of higher mathematics, to be selected at the time.

SECOND TERM.—*Spherical and Practical Astronomy* (Chauvenet), eclipses and occultations. Work in the observatory will be carried on whenever the weather will permit.

Higher Mathematics, as above.

THIRD TERM.—*Spherical and Practical Astronomy* (Chauvenet), precession, nutation, and aberration. Special problems in

practical astronomy will be assigned, and the student will be expected to spend as much time in the observatory as he can spare from other work.

Higher Mathematics, as above.

Students wishing to elect the practical astronomy, must take spherical trigonometry and the first two terms of calculus.

ENGLISH LITERATURE.

PROF. MARY B. JEWETT, A. B.

Throughout the first two terms of the Freshman year, weekly instruction is given to the class in English Composition by means of lectures. Practical work is required in preparing exercises and outlines in the different kinds of written discourse. The nature of the essay, the oration, and debate are discussed, and the aim throughout is to make the work practical and helpful.

A course of weekly lectures on the Nineteenth Century Authors of England is given to the Freshmen during the first two sessions, and to accompany these a course of reading is mapped out by means of library topic books.

In the Sophomore year, the history of English and American literature is studied in the first two sessions; in the third session some of the most prominent American orations are read, and the aims and methods of true oratory are discussed.

In the Senior year, the subjects of study are the classical authors of the English language: Milton, Spenser, Shakespeare, and Chaucer. The life of the author and the period in which he lived are taken up in outline. The time is given, for the most part, to a critical study of some representative work or works of each of these four authors.

All through the course the aim is to encourage and require constant and thorough use of the college library.

LAW.

LEE K. MIHILLS, LL. B.

It is the design of this department to furnish instruction in the Science of Civil Government.

The Fall Term is occupied in studying the principles of Constitutional Law, with special reference to the constitutional history and law of the United States.

The Winter Term is devoted to the study of Municipal Law. No attempt is made to fit men for legal practice; neither will the details of law be attempted, except so far as may be necessary to illustrate and explain the general principles which lie at the foundation and compose the frame-work of legal science.

International Law is the subject for discussion in the Spring Term. This will include not only the rules by which the intercourse between foreign nations is governed, but the obligations which one nation or state is under, at times, to enforce the laws of another.



PREPARATORY DEPARTMENT.

GENERAL INFORMATION.

In connection with the College proper, the Trustees have established a Preparatory School, in which students are fitted for the college classes and for teaching. There are three courses of study, of three years each, corresponding to the courses of the College.

This department is under the same general administration as the other departments of the College and the immediate supervision of the Principal. All are received as coming for the purpose of doing the best they can for themselves. As students do their studying in their own rooms, teachers do not assume responsibility over those who, through want of self-control, or for any other reason, fail to prepare their lessons. Self-government is the central idea.

Students in High Schools and Academies, who intend to take a College Course, are recommended to spend the last preparatory year in this department, on account of the better adjustment of the studies to the regular college work. To save time, they are advised to omit in their preparatory work all studies not required for admission to College.

All students in this department above the Junior year, are required to declaim, and to prepare and deliver original literary exercises.

EXAMINATIONS.

Students will be examined, and assigned to classes for which they are qualified. Examinations will not be required of those presenting satisfactory grades from schools of good standing. To enter the Preparatory Department, applicants will be examined in Elements of Arithmetic as far as Partial Payments, of Grammar as far as Syntax, and of Descriptive Geography.

Those desiring to enter in advance of this point, will be examined in the studies of the lower classes.

At the end of each term, all classes in this department will be examined.

Any student failing to appear at an examination, will not be permitted to re-enter his class until a satisfactory arrangement has been made with the teacher in charge.

FACULTY AND OFFICERS.

REV. ORELLO CONE, D. D.,

PRESIDENT.

JENNIE GIFFORD, A. M.,

PRINCIPAL,

Teacher of Science and School Management.

PROFESSOR WILLIAM D. SHIPMAN, A. M.,

Teacher of Greek.

SUSIE E. CHAMBERLAIN, M. S.,

Teacher of English and Rhetorical Work.

HELEN S. PRATT, L. A.,

Teacher of English and Latin.

PROFESSOR CHARLES C. BATES, A. M.,

Teacher of Latin.

PHILIP G. WRIGHT, A. M. B.,

Teacher of Mathematics.

DORA E. MERRILL,

Teacher in Normal Work.

PHILIP G. WRIGHT, A. M. B.,

Secretary.

PREPARATORY COURSE.

JUNIOR CLASS.

CLASSICAL.

FIRST TERM.

English.— {Composition.
 {Grammar.
Latin.—Grammar and Lessons.
Mathematics.—Percentage Arithmetic.

SECOND TERM.

English.— {Composition.
 {Grammar.
Latin.—Grammar and Lessons.
Mathematics.—Completing Arithmetic.

THIRD TERM.

English.— {Analysis, Harvey.
 {Composition.
History.—United States.
Latin.—Grammar and Cæsar.

PHILOSOPHICAL.

FIRST TERM.

English.— {Composition.
 {Grammar.
Latin.—Grammar and Lessons.
Mathematics.—Percentage Arithmetic.

SECOND TERM.

English.— {Composition.
 {Grammar.
Latin.—Grammar and Lessons.
Mathematics.—Completing Arithmetic.

THIRD TERM.

English.— {Analysis, Harvey.
 {Composition.
History.—United States.
Latin.—Grammar and Cæsar.

SCIENTIFIC.

FIRST TERM.

English.— {Composition.
 {Grammar.
Latin.—Grammar and Lessons.
Mathematics.—Percentage Arithmetic.

SECOND TERM.

English.— {Composition.
 {Grammar.
Latin.—Grammar and Lessons.
Mathematics.—Completing Arithmetic.

THIRD TERM.

English.— {Analysis, Harvey.
 {Composition.
History.—United States.
Latin.—Grammar and Cæsar.

MIDDLE CLASS.

CLASSICAL.

FIRST TERM.

Drawing.—Industrial and Free-Hand.
Greek.—Grammar and Lessons.
Latin.—Cæsar, Grammar; Prose Composition.
Mathematics.—Algebra.

SECOND TERM.

Drawing.—Industrial and Free-Hand.
Greek.—Grammar and Lessons.
Latin.—Cicero, Grammar; Prose Composition.
Mathematics.—Algebra.

THIRD TERM.

Greek.—Grammar, Anabasis.
Latin.—Cicero, Grammar; Prose Composition.
Mathematics.—Algebra.

PHILOSOPHICAL.

FIRST TERM.

Drawing.—Industrial and Free-Hand.
English.—Advanced Analysis.
Latin.—Cæsar, Grammar; Prose Composition.
Mathematics.—Algebra.

SECOND TERM.

Drawing.—Industrial and Free-Hand.
English.—Civil Government.
Latin.—Cicero, Grammar; Prose Composition.
Mathematics.—Algebra.

THIRD TERM.

Latin.—Cicero, Grammar; Prose Composition.
Mathematics.—Algebra.
Natural Science.—Physiology.

SCIENTIFIC.

FIRST TERM.

Drawing.—Industrial and Free-Hand.
English.—Advanced Analysis.
Latin.—Cæsar, Grammar; Prose Composition.
Mathematics.—Algebra.

SECOND TERM.

Drawing.—Industrial and Free-Hand.
English.—Civil Government.
Latin.—Cicero, Grammar; Prose Composition.
Mathematics.—Algebra.

THIRD TERM.

Latin.—Cicero, Grammar; Prose Composition.
Mathematics.—Algebra.
Natural Science.—Physiology.

SENIOR CLASS.

CLASSICAL.

FIRST TERM.

Greek.—Grammar, Anabasis; Prose Composition; Greek History.
Latin.—Virgil, Grammar; Prose Composition; Roman History.
Mathematics.—Algebra.

SECOND TERM.

Greek.—Anabasis; Prose Composition.
Latin.—Virgil, Grammar; Prose Composition.
Mathematics.—Geometry.

THIRD TERM.

Greek.—Homer's Iliad; Prose Composition.
Latin.—Virgil; Prose Composition.
Mathematics.—Geometry.

PHILOSOPHICAL.

FIRST TERM.

Latin.—Virgil, Grammar; Prose Composition; Roman History.
Mathematics.—Algebra.
Physical Science.—Physical Geography.

SECOND TERM.

English.—General History.
Latin.—Virgil, Grammar; Prose Composition.
Mathematics.—Geometry.

THIRD TERM.

English.—General History.
Latin.—Virgil; Prose Composition.
Mathematics.—Geometry.

SCIENTIFIC.

FIRST TERM.

English.—Rhetoric.
Mathematics.—Algebra.
Physical Science.—Natural Philosophy.

SECOND TERM.

English.—General History.
Mathematics.—Geometry.
Physical Science.—Natural Philosophy.

THIRD TERM.

English.—General History.
Mathematics.—Geometry.
Physical Science.—Physical Geography.

ENGLISH AND NORMAL STUDIES.

Classes will be organized every term in English Grammar, Arithmetic, U. S. History, and School Management. Classes in Book-Keeping and Physical Geography will be formed every Fall and Spring term; in Political Geography, every Winter term; in Etymology, every Fall and Winter term; and in Elocution and Reading, every Winter and Spring term. Classes in other branches may be formed when a sufficient number of students desire them.

NORMAL WORK.

The special aim of the Normal Instruction is to present such methods of teaching as have proved valuable in practice, and such as every young teacher will be safe in adopting. In the class in School Management special attention is given to the philosophy of teaching and governing.

BOOK-KEEPING.

This branch, as taught here, will give the student a good knowledge of Double Entry Book-Keeping, and will enable him to manage a set of books in any ordinary retail or wholesale business.

DRAWING.

The Drawing of the preparatory department (for which no extra charge is made) includes mathematical, free-hand, perspective and shading, principles of designing, and the construction of original designs. The hand is trained and the eye is cultivated for mathematical, scientific, and other purposes.

TEXT-BOOKS.

Though certain text-books are adopted and used as such, the works of other authors are consulted and their relative merits discussed. This method, always modified and adapted to the particular subject in hand and the advancement of the class, incites to determined and self-reliant effort on the part of the student.

DEPARTMENT OF MUSIC.

CLAUS WOLFRAM,
Director.

INSTRUCTORS:

CLAUS WOLFRAM,
Piano, Organ, Theory.

JAMES KIRBY PLEASANTS,
Piano.

EMILY LOUISE McINTOSH,
Piano.

HELEN PARKER BRIGGS,
Voice.

JOHANNES WOLFRAM,
Harmony, Composition, Musical History.

GUSTAV SIGEL,
Violin, Cello, Zither.

TEXT BOOKS.

Urbach's Prize Method.
Merz' Piano Method.
Kunz' Canons.
Lebert & Stark's Piano School.
Cramer's Fifty Etudes, revised by Hans Von Buelow.
Strelezki's Technical Studies.
Bach's Preludes and Inventions, by Carl Reinecke.
Clementi's Gradus ad Parnassum, by C. Tausig.
Stainer's Harmony.
Merz' Harmony and Composition.
Th. Wolfram's Modulator.
Richter's Harmony.
Richter's History of Music.
David } Violin Method.
Beriot }
Umlauf's Zither School.
Kummer's } Cello School.
Lees }

PIANO.

The system is the one pursued by the leading Conservatories and Music Schools of Europe. It is a systematic course in all branches of piano playing, from the first elements to the highest perfection. Classes are only formed in the primary department, especially with young pupils, as experience has taught that this is the most thorough and least expensive method of teaching the elements to beginners. Pupils who have finished the rudiments and all advanced pupils are instructed in private lessons—as by this course only the individuality of the pupil can be preserved and cultivated, bringing forth that which is most promising in a student.

The technique pursued is that of the new school, which aims to expand the palm of the hand, giving the heavy and important muscles there located strength and flexibility for expansion and contraction; to isolate the fingers, bringing their side tissues into stronger action, thereby giving the fingers greater independence and strength. This school takes precedence for its solid tone and intellectual character. The piano is treated to produce sound, full sounding tones, capable of endless shadings in quality and quantity. The fingers are trained to draw the tones out of the piano instead of forcing them out, preventing thereby thin, hard, unmusical sounds, and a too mechanical execution.

This school has for its exponents all the greatest artists of the day, viz.: Liszt, Rubenstein, Buelow, Broussart, Barth, Essipoff, Shaowenka, Sherwood, Josseff, Strelowski, and a host of others.

With advanced pupils, the modern method of fingering is practiced, viz.: Using the C Major fingering for all keys, whereby the thumb is used on black and white keys alike.

STUDENT REHEARSALS, RECITALS, AND LECTURES.

Class rehearsals, at which pupils are instructed in analysis of composition, expression, and phrasing, take place weekly at the Director's studio. Public recitals of students occur monthly at College Hall. They are for the purpose of giving to the student self-control and ease in appearance before the public.

Students with professional aspirations will be instructed once a week in the art of teaching by the Director.

Lectures on musical aesthetics and musical history are given in connection with instructions in harmony.

Several lectures upon the lives of the masters will be delivered by Prof. Karl Merz in the course of the school year.

VOCAL CULTURE.

"He who knows how to breathe and pronounce well, knows how to sing well."—*Pacchiarotti*.

The careful emission of the voice is to vocal music what touch is to piano playing, hence the first duty of the teacher, in most cases, is to correct habits strengthened by years of careless singing.

In the course of instruction especial attention will be given to the following important features: the correct manner of using the respiratory and vocal organs, based upon thorough hygienic methods and principles; the production and formation of tones with special regard to their purity, beauty, sweetness, softness, and ease of style; accuracy of pitch; variety of expression; distinctness of articulation, and cultivation and refinement in taste. Special pains will be devoted to obtaining a careful, gradual, and natural growth of the voice, without strain or undue forcing, and to building up and strengthening the physical condition of pupils, in connection with their vocal culture, and as an indispensable adjunct to it.

The works of Lamperti, Vaccai, Weick, Panofka, Seiber, Lutgen, Concone, and many others, furnish ample means for the study of vocalization, agility, and all else that pertains to vocal art.

The singing of simple legato songs of Weber, Mozart, Spohr, Haydn, Mendelssohn, Kucken, and others, is early introduced in the course as a practical and interesting manner of obtaining desired results.

The study of selections from the Oratorios of Handel, Haydn, and Mendelssohn, the operas of the old masters, Rossini, Mercadante, Donizetti, and Bellini; and English, German, and Italian songs are included in the course of instruction.

The exact work of each term will not be given here, as the natural ability and advancement of a pupil largely determine the order of studies and length of time required for their completion. At least two lessons a week will be required at the beginning of the year. Practice periods of from twenty minutes to a half hour each at least twice a day will be necessary.

No pupils to be received for less than a term of twenty lessons.

The St. Cecilia Society is an organization consisting of ladies only. It is intended to give to the pupils an opportunity of singing in concerted music, these part songs to be rendered at the recitals given by the pupils of the piano and vocal department.

HARMONY, COMPOSITION, HISTORY.

Harmony is taught in classes as well as in private lessons. The order of study is:

Formation of Scales and Chords.

Classification of Chords.

Modulation, etc.

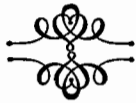
History of Music—from its origin to the present time.

VIOLIN, CELLO, ZITHER.

The instruction in this branch will be given according to the latest and most approved methods.

TECHNICON.

The technicon, a gymnasium for the hand, which develops every muscle of the hand, and prepares the hand for Piano playing, is offered free of charge for the use of the students.



DEPARTMENT OF ART.

Prof. A. T. Van Laer, a graduate of the New York Academy of Design, and a teacher of large experience, will take charge of this department at the opening of the fall term of 1886.

This school for the thorough study of art in its elementary and higher branches, offers advantages equal to the best art schools in the country. The reader's attention is called to the methods of study, wide range of material the pupil may work in, time arrangement, and other means employed to secure the best results.

TWO DOMINANT IDEAS prevail in the art school. First: *All practical knowledge of art is based upon drawing.* Second: *All drawing must be from nature.*

Course. As far as possible a system of progress is followed. This is applicable to the individual only, and not to the class. Each pupil retains his individuality, while still following a course laid down for all. If the pupil has not heretofore drawn from nature, he will begin with

Still Life. Masters and artists of all times have agreed that the wisest way to teach beginners to draw is to place an object before them and bid them draw it. As the pupil advances in skill other objects are added, till finally whatever shall fall under the eye, can be reproduced with accuracy and effect. Following this comes a most thorough drill in

Cast Drawing. Drawing from cast is the grammar of practical art work, and must not be slighted. The pupil is now obliged to work with the utmost care and exactness. Having now acquired some readiness in drawing, the pupil takes up the study of

Color, working first in pastel, as it is the most rapid and most easily acquired medium, following with water color and oil, painting from still life arrangements, out-door sketches, &c., &c. If the pupil upon entering the school shows sufficient proficiency in drawing, he may begin to paint at once. Pupils begin working in

Charcoal. This has been adopted as the first medium used by the beginner, because of its many virtues. It works rapidly, can be easily erased, and the pupil is taught to see the value and

relation of tone as well as form and proportion. The deepest darks and highest lights, as well as the intermediary tones, once seen are easily and quickly produced in charcoal. Different in its character and uses is

Crayon, and in all study from cast, which follows, this medium is employed.

To introduce the pupil into the study of color gradually, he begins with

Pastel, a medium easy and rapid to acquire, rich in effect, and always popular. Those who have only used

Water Color in a small way for flower-painting and decorative work, will find it a most charming medium, particularly when used in broad and rapid washes. The pupil is now prepared to take up

Oil Color, the most comprehensive and dignified of all mediums. He should come to the use of it well skilled in drawing and ready to give his whole attention to the mastery of those technical difficulties, which must be overcome before he can hope to attain to any freedom in its use.

Portrait Class. Drawing from the living model will be one of the advantages offered the advanced pupils.

Sketch Class. One hour each day will be devoted to sketching from poses.

Teachers. Those desiring to prepare themselves for teaching will receive special attention.

Children's Class. It has been proven by experience, that children of nine years and upwards may be taught the first principles of drawing from nature successfully. Such a class for children will be held daily.

Lectures and talks on art subjects will be given at stated periods.

Exhibitions and receptions will be held at regular intervals in the studio.

A knowledge of drawing is of advantage to every one, but of special advantage to the mechanic, machinist, civil engineer, draughtsman, architect, designer, lecturer, or instructor, and the man of science.

Studio open from 9 A. M. to 5 P. M. Morning or afternoon constitutes a half day. Wednesday afternoon and Saturday will be holidays.

GRADUATING CLASS.

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 —→ 1886 ←—
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<i>Name.</i>	<i>Course.</i>	<i>Residence.</i>
BETTES, MAURICE.....	S.....	Cuyahoga Falls.
DANFORTH, LUCY.....	PH.....	Peru.
FORD, JAMES.....	S.....	Milledgeville.
HILL, CALVIN JOSIAH.....	S.....	Inland.
MOORE, LILLIE RICHARDS.....	C.....	Akron.
PAGE, ERNEST CLIFFORD.....	PH.....	Columbus, Pa.
PARDEE, JAMES DOUGLASS.....	S.....	Akron.
PHILLIPS, ELLERY ORVIN.....	PH.....	Medina.
PLEASANTS, JAMES KIRBY, JR.....	PH.....	Vevay, Ind.
ROTHROCK, EDGAR SYLVANUS.....	C.....	Akron.
SLADE, MARION BELLE.....	S.....	Columbus.
THOMPSON, SAMUEL LENNON.....	C.....	Gann.
WEBB, MARY GRACE.....	C.....	Mogadore.
WELSH, ELMER ELLSWORTH.....	S.....	Taton.

SUMMARY OF STUDENTS.

COLLEGIATE DEPARTMENT.

Seniors.....	14
Juniors.....	21
Sophomores.....	13
Freshmen.....	29
Special Students.....	9

Classical.....	21
Philosophical.....	18
Scientific.....	38
Special.....	9

Gentlemen.....	41
Ladies.....	45

PREPARATORY DEPARTMENT.

Seniors.....	17
Middles.....	41
Juniors.....	32
Normals.....	29

Gentlemen.....	58
Ladies.....	61

MUSIC DEPARTMENT.

Total Number for the Year.....	174
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PAINTING AND DRAWING DEPARTMENT.

Total Number for the Year.....	32
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RECAPITULATION.

Collegiate Students.....	86
Preparatory.....	119
Music.....	174
Painting and Drawing.....	32
Gentlemen—Collegiate and Preparatory.....	99
Ladies—Collegiate and Preparatory.....	106
Total Attendance in Collegiate and Preparatory Departments...	205
Number in Music, Painting, etc., exclusive of Collegiate and Preparatory Students.....	164
Total Attendance in all Departments.....	369

STUDENTS BY STATES.

Ohio	346
Pennsylvania.....	9
Indiana.....	5
Michigan	2
New York.....	2
Illinois.....	1
Minnesota.....	1
Kentucky.....	1
Vermont.....	1
Kansas	1

CLASSIFICATION BY CHURCH RELATION.

Universalist.....	107
*Unclassified.....	111
Methodist.....	34
Congregationalist.....	23
Episcopal.....	21
Catholic.....	18
Disciple.....	16
Lutheran.....	15
Evangelical.....	7
Presbyterian.....	7
Reformed.....	5
Baptist.....	3
Hebrew.....	2

*Includes Music, Painting, and other students whose church relations are not registered.

DONATIONS AND IMPROVEMENTS.

Under this head the College takes pleasure in recording, from year to year, with grateful appreciation, the contributions of its friends to its development and progress:

Mr. J. J. Pierce, of Sharpsville, Pa., has presented the College with a superior Mean-time Clock, by Fauth & Co., of Washington, for the use of the Observatory. The clock has electrical attachments for distributing time-signals and dropping a time-ball.

A fair beginning has been made of a collection in each of the following departments of the local *fauna* and *flora*: Entomology, Conchology, Botany, Ornithology, and General Zoology. Geology and Mineralogy have also received their share of attention.

The department of Natural Science has derived great assistance from the collections of the Akron Scientific Club, which were presented to the College some time ago. The Trustees having recently appropriated a room for the purpose, they have been placed there as the nucleus of a local museum.

The thanks of all interested in the College are due to the members of the above named club for their continued efforts to increase the collection of scientific material at command for teaching purposes.

In connection with the cleaning and arrangement of the specimens referred to, it is but fair to state that for much of the labor connected with both, the College is indebted to the kind and skillful assistance of Mrs. L. Solberg, of Salem, O.

Scholarships of \$1000 each have been endowed during the current year by Mr. and Mrs. John Miller, of Edgerton, O.; Mr. John P. Chapin, of New Philadelphia, O., and Mr. Christian Swank, of Sheldon, Ind.

Considerable additions have been made to the Library during the year, and the number of periodicals in the Reading Room has been largely increased.

The Alumni Prize Fund has been increased during the year, and now amounts to \$1000.

The College has received from the estate of Isaac Kelly, deceased, of Mill Village, Pa., the sum of \$35,788.41, to be known as the Isaac and Lovina Kelly Fund.