

CATALOGUE

— OF —

Buchtel College.

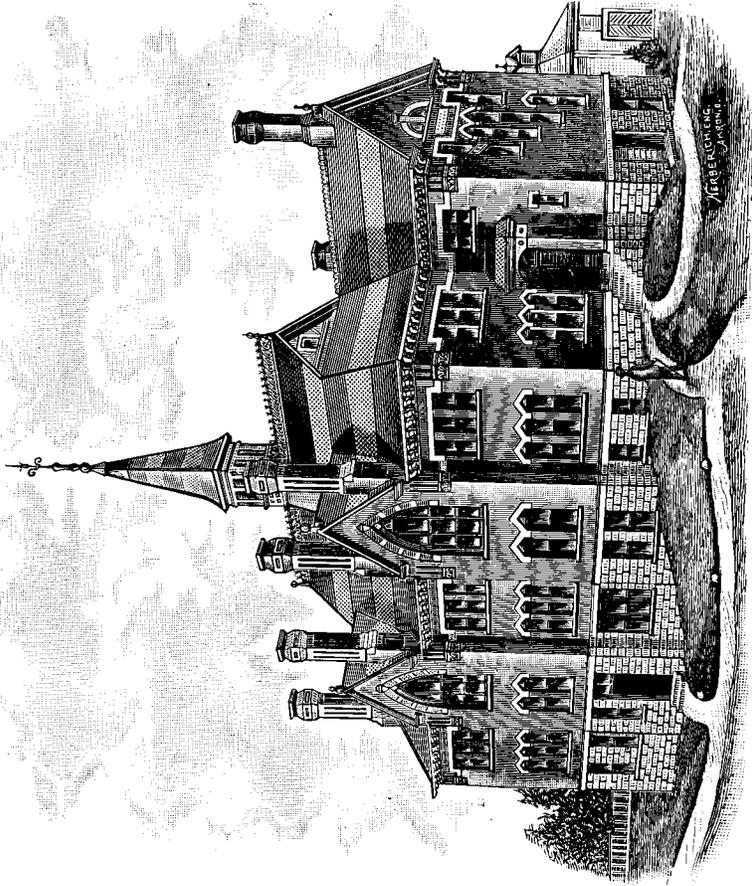
AKRON, OHIO.

1889.





MAIN COLLEGE BUILDING.



CROUSE GYMNASIUM.

CATALOGUE

— OF —

BUCHTEL COLLEGE,

AKRON, OHIO.

COLLEGIATE DEPARTMENT.

PREPARATORY DEPARTMENT.

1888-9.

AKRON, OHIO.
THE WERNER PTG. & LITHO. CO.
1889.

"LET THERE BE LIGHT."

BUCHTEL COLLEGE.

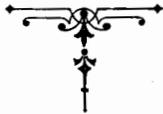
NAMED IN HONOR OF

HON. JOHN R. BUCHTEL.

FOUNDED BY THE

OHIO UNIVERSALIST CONVENTION.

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 ex-
perienced teachers.



COLLEGE CALENDAR.

1889.

SPRING TERM.

Saturday, June 1.—Senior Vacation begins.
Saturday, June 15, 8 P. M.—Senior Preparatory Exercises.
Sunday, June 16.—Baccalaureate Sermon.
Monday, June 17, 8 P. M.—Ashton Prize Speaking.
Tuesday, June 18, 2 P. M.—Annual Meeting of the Alumni Association.
Tuesday, June 18, 8 P. M.—Address before the Alumni Association.
Wednesday, June 19, 9 A. M.—Examinations for Admission.
Wednesday, June 19.—Annual Meeting of the Board of Trustees.
Wednesday, June 19, 8 P. M.—Annual Address.
Thursday, June 20, 9 A. M.—Graduating Exercises.

FALL TERM.

Tuesday, September 10.—Registration and Entrance Examinations.
Wednesday, September 11.—Entrance Examinations continued.
Thursday, September 12.—Instruction begins.
Thursday, December 19.—Fall Term ends.

1890.

WINTER TERM.

Tuesday, January 7.—Registration and Entrance Examinations.
Wednesday, January 8.—Instruction begins.
Saturday, January 18.—Founder's Day.
Friday, March 21, 7:30 P. M.—Junior Exhibition.
Thursday, March 27.—Winter Term ends.

SPRING TERM.

Tuesday, April 1.—Registration and Entrance Examinations.
Wednesday, April 2.—Instruction begins.
Saturday, June 7.—Senior Vacation begins.
Sunday, June 22, to Thursday, June 26.—Commencement Exercises.
Thursday, June 26.—Graduating Exercises.

FALL TERM.

Tuesday, September 9.—Registration and Entrance Examinations.
Wednesday, September 10.—Entrance Examinations continued.
Thursday, September 11.—Instruction begins.
Thursday, December 18.—Fall Term ends.

BOARD OF TRUSTEES.

HON. JOHN R. BUCHEL.....	AKRON.....	1891
JUDGE EDWIN P. GREEN.....	AKRON.....	1891
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REV. HENRY L. CANFIELD, D. D.	BELLVILLE.....	1890
*JACOB A. MOTZ, A. B.....	AKRON.....	1890

*Deceased.

OFFICERS OF THE BOARD.

HON. J. R. BUCHEL, AKRON,

PRESIDENT.

ALBERT B. TINKER, AKRON,

SECRETARY.

JOY H. PENDLETON, AKRON,

TREASURER.

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236 Superior Street, Cleveland,

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EXECUTIVE COMMITTEE.

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ALBERT B. TINKER, JOY H. PENDLETON,

GEN. A. C. VORIS.

COMMITTEE ON INSTRUCTION.

JUDGE E. P. GREEN, REV. C. E. NASH,

JUDGE N. D. TIBBALS.

OFFICERS

— OF —

INSTRUCTION AND GOVERNMENT.

REV. ORELLO CONE, D. D.,
PRESIDENT,
Messenger-Professor of Mental and Moral Philosophy.
506 Buchtel Avenue. (President's House).

CHARLES M. KNIGHT, A. M.,
Buchtel-Professor of Physics and Chemistry.
219 S. Union Street.

CARL F. KOLBE, A. M.,
Hilton-Professor of Modern Languages.
407½ S. Forge Street.

WILLIAM D. SHIPMAN, A. M.,
Professor of the Greek Language and Literature.
East Hall.

CHARLES C. BATES, A. M.,
Professor of the Latin Language and Literature.
East Hall.

E. W. CLAYPOLE, B. A., D. Sc., (Lond.), F. G. SS. L. E. & A.,
Professor of Natural Science.
603 Buchtel Avenue.

CHARLES S. HOWE, PH. D.,
Ainsworth-Professor of Mathematics and Astronomy.
549 Buchtel Avenue.

MARY B. JEWETT, A. B.,
Pierce-Professor of Rhetoric and English Literature.
West Hall.

— 8 —

CHARLES R. OLIN, B. S.,
Adjunct-Professor of Mathematics.

323 College Street.

ALBERT B. TINKER, M. S., LL. B.,
Instructor in Law.

511 Spicer Street.

ADA M. MARINER, M. S., B. O.,
Instructor in Elocution.

505 E. Market Street.

JENNIE GIFFORD, A. M.,
Principal of Preparatory Department, and Teacher of Science
and School Management.

107 S. Union Street.

DORA E. MERRILL,
Instructor in English History, and Teacher in Normal Work.

West Hall.

MARY E. STOCKMAN, L. A.,
Teacher of English and Latin.

107 S. Union Street.

MARTHA A. BORTLE,
Teacher of English and Rhetorical Work.

West Hall.

ERNEST DANGLADE,
Assistant in Chemical Laboratory.

CLAUS WOLFRAM,
Director of Department of Music, and Teacher of Piano,
Organ, and Theory.

704 E. Market Street.

EMILY LOUISE McINTOSH,
Assistant Teacher of Piano.

527 Buchtel Avenue.

JENNIE B. GROFF,
Teacher of Vocal Music.

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.

ALEXANDER T. VAN LAER,
Teacher of Painting and Drawing.

206 Spicer Street.

GYMNASIUM OFFICERS.

PROFESSOR HOWE,
Director.

MISS MARINER,
Instructor for Women.

WILLIAM C. JACOBS, M. D.,
Examiner for Men.

KATHARINE KURT, M. D.,
Examiner for Women.

ALBERT HOOVER, M. D.,
Oculist.

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.

MESSENGER FUND.

The Messenger Fund was created by * Lydia A. E. Messenger, of Akron. The fund consists of \$30,000.

ISAAC AND LOVINA KELLY FUND.

The Isaac and Lovina Kelly Fund was created by * Isaac Kelly, of Mill Village, Pa. This fund consists of \$35,788.

* Deceased.

PERPETUAL SCHOLARSHIPS.

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

* Miss E. V. Steadman.....	Marietta.
* James Pierce.....	Sharpsville, Pa.
* Elijah Drury.....	Girard, Pa.
Mrs. Mary C. Martin.....	Hamilton.
* James F. Davidson.....	Brimfield.
* † Mrs. Betsy Thomas.....	Irwin.
* John Perdue.....	Lafayette, Ind.
Eli M. Kennedy.....	Higginsville, Mo.
John K. Smith.....	Ravenna.
N. S. Olin.....	Streetsboro.
* John B. Smith.....	Urbana.
* Mrs. Candia Palmer.....	Painesville.
* Geo. W. Steele.....	Painesville.
* Mrs. George W. Steele.....	Painesville.
Mrs. Betsy Dodge.....	McConnellsville.
Brice Hilton.....	Defiance.
John Loudenback.....	Millerstown.
* Joseph Espy.....	Kenton.
* Joseph Hidy, Sr.....	Jeffersonville.
* Rev. H. P. and *Mrs. D. E. Sage.....	Rochester.
* Mrs. Henry Boszar.....	Kent.
* E. F. Loudenback.....	Westville.
H. D. Loudenback.....	Westville.
* Thomas Kirby.....	Muncie, Ind.
* Isaac and Lovina Kelly.....	Mill Village, Pa.
S. T. and S. A. Moon.....	Cuba.
* George Thomas.....	Greenwich.
Mrs. E. W. Terrill.....	Jeffersonville.
* Mrs. John H. Hilton.....	Akron.
‡ Mrs. Charlotte Robson.....	Newport, Ky.
* Samuel Birdsell.....	Peru.
* Mrs. Louisa E. Forbes.....	Port Washington.
* Samuel Grandin.....	Tidioute, Pa.
N. B. and A. E. Johnson.....	Mingo.
Lloyd Nichols.....	Walhounding.
* 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 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 first opened its doors for the admission of students in September, 1872. It 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 over 30,000, is situated in the midst of hills and valleys, and is one of the most picturesque in the country. 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 & Western 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.

Buchtel College Art School offers every advantage found in the large Art Schools of the country.

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-minutes 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 chrono-

graph, 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 College Museum proper contains a fair collection of minerals and fossils with the leading types of recent animal life. It is adapted for teaching rather than for show, and the specimens are chosen with the same object in view.

The collection consists of two parts—the general museum, illustrating Natural History in general, and the local collection, intended to illustrate the Natural History of the region in which the College is situated. The latter is an expansion of the collection of the Akron Scientific Club, now the property of the College, and is constantly enlarged by the work of various members of that society and other friends.

LIBRARY AND READING ROOM.

The College Library, containing a well selected collection of books, supplied with dictionaries, encyclopedias, bound periodicals, etc., is open to the use of students from 8 A. M. to 9 P. M. Books from the Circulating Library can be drawn by all students, and those in the Reference Library are open to use at all hours of the day.

In connection with the Library is the Reading Room. It is free to the use of all students, and is considered an important part of the opportunities offered for education. The subscription list embraces sixty-five periodicals, distributed as follows: Eighteen upon literary and educational subjects; twelve upon Natural and Physical Science; six upon Mathematics and Astronomy; seven upon theological subjects; four daily newspapers; twelve weekly newspapers; six periodicals upon miscellaneous subjects.

CROUSE GYMNASIUM.

This building is named in honor of Hon. George W. Crouse, of Akron, one of the liberal benefactors of the College.

The structure is a substantial brick building, 102 feet in length by 53 feet in breadth. The basement contains a bowling alley with two beds, and dressing and bathing rooms thoroughly furnished. On the first floor are the Director's office and the gymnasium proper, 84 feet long and 48 feet broad. This room is equipped with the most approved apparatus and offers every facility for physical development. A running gallery, of twenty-five laps to the mile, surrounds the room. The examination room is on the second floor and contains the apparatus for measuring the various parts of the body and testing the strength of the back, legs, lungs, chest and arms.

All students, unless excused for some good reason, are obliged to exercise two hours per week under the direction of the instructors. New students are measured and tested by the examining physicians and exercises prescribed according to the physical development.

The gymnasium is open from 8 A. M. to 6 P. M., one half of each day exclusively for the young women and the other half day exclusively for the young men. Students are encouraged to exercise every day, a healthy body being the necessary adjunct of a well developed mind.

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.

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 women to compete successfully with young men for the honors of thorough scholarship.

RELIGION.

No restriction is imposed upon students in the exercise of religious opinions.

Students attend whatever church their parents or guardians may elect. Nearly all denominations are represented in Akron

by flourishing churches. While the College recognizes and honors religion and stands firmly upon the principles of Christianity, 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.

All students of the College are required to present original productions in the form of essays, orations or theses, at stated times throughout the College course. These productions, after having been subjected to the criticism and correction of the Professor of Rhetoric, are delivered in the general rhetorical exercise, which takes place Tuesday afternoon of each week in the College Chapel. Declamation is also made a feature of College Literary Work. The opportunity of training upon delivery is afforded by private rehearsal of all these exercises to the Teacher of Elocution before they are delivered in public. Attendance upon the weekly rhetorical exercises is required of all College students. All others are invited to come.

LITERARY SOCIETIES.—There are literary societies in the College under the direction and control of the students, which hold regular weekly meetings.

ELOCUTION.

Regular instruction in Elocution is given to all College students by a professor of this art.

ADMISSION AND RECORD.

Candidates for admission, who present satisfactory grades from schools of good standing, will be admitted without examination, subject to the condition that they sustain themselves in their work. 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.

Reports of the grades of all students will be sent to parents and guardians at the close of each session.

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 Valley Railroad offers reduced rates to students going home in vacations.

BOARDING ACCOMMODATIONS.

The College building affords ample accommodations for boarding eighty students. The rooms are heated by steam and lighted by gas. The East Hall is occupied exclusively by young men, while the West Hall is occupied exclusively by young women.

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

It is, however, desirable that young women, 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 the 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.

ALUMNI PRIZE FUND.

A fund has been established by the Alumni of the College, the interest of which is annually appropriated as follows: For the Senior Preparatory student making the highest average record, Freshman tuition is paid; for the Freshman making the highest average record, Sophomore tuition is paid.

These prizes were awarded for 1888-89 to William W. Howe, of the Sophomore Class, and Frank W. Hugill, of the Freshman Class.

OLIVER C. ASHTON PRIZE FUND.

A fund, consisting of \$3,000, has been established by Mr. Oliver C. Ashton, of Bryan, O., endowing the O. C. Ashton Prizes for excellence in reading and recitation.

The annual income of this fund will be paid, one-third to competitors from the Senior Class; one-third to competitors from the Junior Class; and one-third to competitors from the Sophomore Class, in a first and second prize to each class, in the proportion of two to one.

These public readings and recitations will take place each year during commencement week.

HIGH SCHOOL SCHOLARSHIPS.

Two standing scholarships are offered by Buchtel College to the graduates of the following High Schools:

Norwalk, Cuyahoga Falls, Medina, Warren, Youngstown, Chagrin Falls, Chardon, Canton and Massillon. To the Akron High School has been awarded one *annual* scholarship.

These scholarships are awarded to the applicant who stands highest in his class, and are subject to conditions which may be known on application to the President of Buchtel College.

GENERAL EXPENSES.

COLLEGIATE DEPARTMENT.

Tuition, Fall Term, College.....	\$15.00
“ “ “ Preparatory and Normal.....	9.00
“ Winter and Spring Terms, College.....	12.50
“ “ “ “ “ Preparatory and Normal.....	7.50
Room Rent, per week, in building, each student (depending on location and size of room).....	.25 to .75
Heat and Light, per week (each person, 30c.), per room.....	.60
Board, per week, in building.....	3.00
“ “ “ “ clubs.....	1.75 to 2.00
Washing, per dozen, as per schedule.....	.60
Incidentals, including Library and Reading Room fee, per term.....	1.00

DEPARTMENT OF MUSIC.

Piano, } Organ, } Violin, } per term of 20 lessons.....	\$15.00
Cello, } Zither, }	
Voice, per lesson.....	1.00
Composition, } in classes of 20, per month.....	1.00
Harmony, } private lessons, each.....	1.00
History, }	
Use of Piano, per term, one hour per day.....	2.00

No deduction will be made for missed lessons unless caused by protracted sickness, previous notice being given.

DEPARTMENT OF ART.

Fall Term (75 lessons), all day.....	\$40.00
“ “ “ “ half day.....	22.50
Winter and Spring Terms (60 lessons), all day.....	32.00
“ “ “ “ “ “ half day.....	18.00
One month (20 lessons), all day.....	12.00
“ “ “ “ half day.....	8.00
Children's Class (75 lessons), one hour each.....	12.00
“ “ “ “ “ “ “ “.....	10.00
All other arrangements, per hour.....	.25
Sketch Class (to those not members of the studio), per month.....	2.00

REMARKS.

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

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.

To each student upon graduation a charge of \$5.00 for Diploma will be made.

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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E. W. CLAYPOLE, B. A., D. SC., (LOND.), F. G. SS. L. E. & A.,

Professor of Natural Science.

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Instructor in Law.

DORA E. MERRILL,

Instructor in English History.

ADA M. MARINER, M. S., B. O.,

Instructor in Elocution.

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.

ELECTIVE OPPORTUNITIES.

All studies in the above named 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. By means of this system, applying as it does to the latter two-thirds of the course, the professors are enabled to extend each department of work considerably beyond the limitations of the ordinary college curriculum, and students are enabled to follow out those lines of advanced study most congenial to them. The experience of several years has proved this method to be satisfactory and successful.

Students are expected to hand to the President, at least two weeks before the beginning of any term, a list of their elective studies for that term.

TERMS OF ADMISSION.

CLASSICAL COURSE.

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 Allen-Hadley); three books of the Anabasis; 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; Geometry, plane and solid.

DRAWING.—Free-Hand.

ENGLISH.—Composition; Grammar; Analysis; Elementary Rhetoric; History of United States.

PHILOSOPHICAL COURSE.

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.—Free-Hand.

NATURAL SCIENCE.—Physiology; Physical Geography.

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

ENGLISH.—Composition; Grammar; Analysis; Elementary Rhetoric; History of United States; General History; Science of Government.

SCIENTIFIC COURSE.

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.

LATIN.—Grammar, including Prosody, (Harkness or Allen & Greenough); three books of Cæsar's Commentaries; six of Cicero's Orations.

DRAWING.—Free-hand.

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

ENGLISH.—Composition; Grammar; Analysis; Elementary Rhetoric; History of United States; General History; Science of Government.

REMARKS.

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

All students are advised and expected, so far as possible, to pursue a regular course of study, even if it cannot be completed. In cases where this is not practicable, permission 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 sufficiently advanced to have substantially completed a High School or College Preparatory course of study.

COURSES OF STUDY.

FRESHMAN CLASS.

CLASSICAL.

FIRST TERM.

**English.*—Composition and Modern Authors.
†*Greek.*—Homer's Iliad.
‡*Latin.*—Livy; Prose Composition.
‡*Mathematics.*—Geometry (Review); Algebra.
‡*Natural Science.*—Zoology.

SECOND TERM.

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

THIRD TERM.

‡*Greek.*—Herodotus and Thucydides; Greek Literature.
‡*Latin.*—Horace's Odes, Metres; Prose Composition.
‡*Mathematics.*—Plane Trigonometry.
‡*Natural Science.*—Botany, Gray.

PHILOSOPHICAL.

FIRST TERM.

**English.*—Composition and Modern Authors.
‡*German.*—Grammar, Exercises; Reading.
‡*Latin.*—Livy; Prose Composition.
‡*Mathematics.*—Geometry (Review); Algebra.
‡*Natural Science.*—Zoology.

SECOND TERM.

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

THIRD TERM.

‡*German.*—Grammar, Exercises; Boisen's Reader; 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; Reading.
‡*History.*—English People.
‡*Mathematics.*—Geometry (Review); Algebra.
‡*Natural Science.*—Zoology.

SECOND TERM.

**English.*—Composition and Modern Authors.
‡*German.*—Grammar, Exercises; Reading.
‡*History.*—English People.
‡*Mathematics.*—Advanced Algebra.

THIRD TERM.

‡*German.*—Grammar, Exercises; Boisen's Reader; Das Wirthshaus zu Cransac, Zschokke.
‡*History.*—English People.
‡*Mathematics.*—Plane Trigonometry.
‡*Natural Science.*—Botany, Gray.

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

Beginning with the Sophomore Year, each class recites four hours per week throughout the course.

SOPHOMORE CLASS.

CLASSICAL.

FIRST TERM.

Greek.—Sophocles: Antigone or Oedipus Tyrannus; Greek Literature.

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

Mathematics.—Analytical Geometry.

Physical Science.—Chemistry, with Laboratory Practice.

Studies elective from this point. See page 23.

SECOND TERM.

Greek.—Euripides: Medea or Bacchantes; Greek Literature.

Latin.—Germania and Agricola of Tacitus.

Literature.—History of English Literature.

Mathematics.— { 1. Calculus, Elementary.
 2. Theory of Equations.

Natural Science.—Elementary Mineralogy and Geology.

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

THIRD TERM.

Greek.—Aeschylus: Prometheus or Persae; Greek Literature.

Latin.—Cicero de Oratore.

Literature.—History of English Literature.

Mathematics. { 1. Calculus, Elementary.
 2. Surveying.

Physical Science.—Organic Chemistry.

PHILOSOPHICAL.

FIRST TERM.

German.—Jungfrau von Orleans, Schiller; English into German; Grammar reviewed.

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

Mathematics.—Analytical Geometry.

Physical Science.—Chemistry, with Laboratory Practice.

Studies elective from this point. See page 23.

SECOND TERM.

German.—Hermann und Dorothea, Goethe; English into German; Grammar reviewed.

Latin.—Germania and Agricola of Tacitus.

Literature.—History of English Literature.

Mathematics. { 1. Calculus, Elementary.
 2. Theory of Equations.

Natural Science.—Elementary Mineralogy and Geology.

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

THIRD TERM.

German.—Goldelse, Marlitt; English into German; History of German Literature.

Latin.—Cicero de Oratore.

Literature.—History of English Literature.

Mathematics. { 1. Calculus, Elementary.
 2. Surveying.

Physical Science.—Organic Chemistry.

SCIENTIFIC.

FIRST TERM.

German.—Jungfrau von Orleans, Schiller; English into German; Grammar reviewed.

Literature.—American Authors.

Mathematics.—Analytical Geometry.

Physical Science.—Chemistry, with Laboratory Practice.

Studies elective from this point. See page 23.

SECOND TERM.

German.—Hermann und Dorothea, Goethe; English into German; Grammar reviewed.

Literature.—History of English Literature.

Mathematics. { 1. Calculus, Elementary.
 2. Theory of Equations.

Natural Science.—Elementary Mineralogy and Geology.

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

THIRD TERM.

German.—Goldelse, Marlitt; English into German; History of German Literature.

Literature.—History of English Literature.

Mathematics. { 1. Calculus, Elementary.
 2. Surveying.

Physical Science.—Organic Chemistry.

JUNIOR CLASS.

CLASSICAL.

FIRST TERM.

German.—Grammar, Exercises; Reading.
Greek.—Oratory; Demosthenes and Lysias.
Latin.—Plautus' *Mostellaria* and *Captivi*; Terence's *Andria* and *Adelphi*.
Linguistics.—Comparative Philology.
Mathematics.—Calculus and Advanced Conic Sections.
Natural Science.—Biology (Botany and Zoology).
Physical Science.— $\left\{ \begin{array}{l} 1. \text{ Mechanics.} \\ 2. \text{ Qualitative Chemical Analysis.} \end{array} \right.$
Political Science.—Political Economy.

SECOND TERM.

German.—Grammar, Exercises; Reading.
Greek.—Aristophanes or Isocrates.
Latin.—Juvenal and Persius.
Logic.—Deductive.
Mathematics.— $\left\{ \begin{array}{l} 1. \text{ Calculus and Solid Analytical Geometry.} \\ 2. \text{ Spherical Trigonometry.} \end{array} \right.$
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
German.—Grammar, Exercises; Boisen's Reader; Das Wirthshaus zu Cransac, Zschokke.
Greek.—Pindar's Odes.
Latin.—Pliny's Letters and Seneca's Moral Essays.
Logic.—Inductive.
Mathematics.—Calculus and Solid Analytical Geometry.
Philosophy.—Psychology.
Physical Science.— $\left\{ \begin{array}{l} 1. \text{ Light and Photography.} \\ 2. \text{ Quantitative Chemical Analysis.} \end{array} \right.$

PHILOSOPHICAL.

FIRST TERM.

German.—Don Carlos, Schiller; German Essays; Dictation; History of German Literature.
Latin.—Plautus' *Mostellaria* and *Captivi*; Terence's *Andria* and *Adelphi*.
Mathematics.—Calculus and Advanced Conic Sections.
Natural Science.—Biology (Botany and Zoology).
Physical Science.— $\left\{ \begin{array}{l} 1. \text{ Mechanics.} \\ 2. \text{ Qualitative Chemical Analysis.} \end{array} \right.$
Political Science.—Political Economy.

SECOND TERM.

German.—Die Deutschen im Staate New York, Fr. Kapp; German Essays; Literature.
Latin.—Juvenal and Persius.
Logic.—Deductive.
Mathematics.— $\left\{ \begin{array}{l} 1. \text{ Calculus and Solid Analytical Geometry.} \\ 2. \text{ Spherical Trigonometry.} \end{array} \right.$
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
German.—Faust, Goethe; German Essays; History of German Literature.
Latin.—Pliny's Letters and Seneca's Moral Essays.
Logic.—Inductive.
Mathematics.—Calculus and Solid Analytical Geometry.
Philosophy.—Psychology.
Physical Science.— $\left\{ \begin{array}{l} 1. \text{ Light and Photography.} \\ 2. \text{ Quantitative Chemical Analysis.} \end{array} \right.$

SCIENTIFIC.

FIRST TERM.

German.—Don Carlos, Schiller; German Essays; Dictation; History of German Literature.

Mathematics.—Calculus and Advanced Conic Sections.
Natural Science.—Biology (Botany and Zoology).
Physical Science.— $\left\{ \begin{array}{l} 1. \text{ Mechanics.} \\ 2. \text{ Qualitative Chemical Analysis.} \end{array} \right.$
Political Science.—Political Economy.

SECOND TERM.

German.—Die Deutschen im Staate New York, Fr. Kapp; German Essays; Literature.
Logic.—Deductive.
Mathematics.— $\left\{ \begin{array}{l} 1. \text{ Calculus and Solid Analytical Geometry.} \\ 2. \text{ Spherical Trigonometry.} \end{array} \right.$
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
German.—Faust, Goethe; German Essays; History of German Literature.

Logic.—Inductive.
Mathematics.—Calculus and Solid Analytical Geometry.
Philosophy.—Psychology.
Physical Science.— $\left\{ \begin{array}{l} 1. \text{ Light and Photography.} \\ 2. \text{ Quantitative Chemical Analysis.} \end{array} \right.$

SENIOR CLASS.

CLASSICAL.

FIRST TERM.

Astronomy.—Practical and Spherical.
French.—Grammar, Exercises; Reader.
German.—Jungfrau von Orleans, Schiller; English into German; Grammar reviewed.
Greek.—Lyric Poets.
Latin.—Lucretius: De Rerum Natura.
Law.—Constitutional.
Literature.—Milton and Spenser.
Mathematics.—Higher Mathematics.
Philosophy.—Natural Theology.
Physical Science.—Electricity and Magnetism.

SECOND TERM.

Astronomy.—Practical and Spherical.
French.—Grammar; Le Verre D'eau, Scribe.
German.—Hermann und Dorothea, Goethe; English into German; Grammar reviewed.
Greek.—Philosophy: Plato.
Latin.—Cicero: Tusculanae Disputationes.
Law.—Municipal.
Literature.—Shakespeare.
Mathematics.—Higher Mathematics.
Natural Science.—Histology and Comparative Anatomy.
Philosophy.—Ethics.
Physical Science.—Heat.

THIRD TERM.

Astronomy.—Practical and Spherical.
French.—Phedre, Racine; Grammar reviewed.
German.—Goldelse, Marliitt; English into German; History of German Literature.
Greek.—New Testament.
Latin.—Hymns of Church Fathers.
Law.—International.
Literature.—Chaucer.
Mathematics.—Higher Mathematics.
Natural Science.—Geology and Palaeontology.
Philosophy.—Ethics.

PHILOSOPHICAL.

FIRST TERM.

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

Latin.—Lucretius: De Rerum Natura.
Law.—Constitutional.
Literature.—Milton and Spenser.
Mathematics.—Higher Mathematics.
Philosophy.—Natural Theology.
Physical Science.—Electricity and Magnetism.

SECOND TERM.

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

Latin.—Cicero: Tusculanae Disputationes.
Law.—Municipal.
Literature.—Shakespeare.
Mathematics.—Higher Mathematics.
Natural Science.—Histology and Comparative Anatomy.
Philosophy.—Ethics.
Physical Science.—Heat.

THIRD TERM.

Astronomy.—Practical and Spherical.
French.—Phedre, Racine; Grammar reviewed.

Latin.—Hymns of Church Fathers.
Law.—International.
Literature.—Chaucer.
Mathematics.—Higher Mathematics.
Natural Science.—Geology and Palaeontology.
Philosophy.—Ethics.

SCIENTIFIC.

FIRST TERM.

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

Law.—Constitutional.
Literature.—Milton and Spenser.
Mathematics.—Higher Mathematics.
Philosophy.—Natural Theology.
Physical Science.—Electricity and Magnetism.

SECOND TERM.

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

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

THIRD TERM.

Astronomy.—Practical and Spherical.
French.—Phedre, Racine; Grammar reviewed.

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

SUMMARY OF INSTRUCTION

BY DEPARTMENTS.

MENTAL AND MORAL PHILOSOPHY, AND NATURAL THEOLOGY.

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.

Natural theology, which is an elective for the Seniors in the first term, embraces a study of the evidences of Theism and a critical examination of the arguments from cosmology, teleology, etc., with a view of the theories of modern speculation.

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

apparatus 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 preparations, 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, the leading ones among the Modern Languages in Buchtel College, are taught with a view to the greatest practical results. The German language, especially, 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 of 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, in the class-room, a practice which 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 German language as the medium 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 method. With this experience of past years, this department is prepared to extend its requirements 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 gen-

erally resulting from the study of this language, for a similar period, under ordinary circumstances.

GREEK AND PHILOLOGY.

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

After a thorough course of preparation, we not only aim to acquire a good knowledge of the Greek language and to profit by the disciplinary drill attendant upon the study of its syntax, but we undertake to read 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 various authors read may be seen by consulting the Course of Study. This will be adhered to for the most part, though occasional deviations may be made.

Throughout the course—which includes, by reason of the elective system, the whole four years—some time is regularly devoted each session to related subjects, as follows: During the Freshman year attention is given to epic peculiarities, the Homeric question, and the nature and leading forms of history. During the Sophomore year we take up a brief manual of Greek Literature, aiming to gain, systematically, an idea of its development and leading forms, giving special attention to the origin and course of the drama. In connection with the Junior work, we study the principles of oratory, and the peculiar character of Attic comedy. Comparative Philology is offered as a separate subject during the first term of the Junior year. We aim to obtain a knowledge of its history, principles, and methods, and to do some original work. During the Senior year, in connection with the study of Plato, the general character and development of philosophic thought among the Greeks is considered; in connection with the New Testament, attention is given to peculiarities of dialect, the most important Mss. and versions, and the principles of textual criticism.

In connection with Homer, the drama, and the lyric poets, the varieties of scansion are studied.

Attention is given throughout the course to the derivation of words; and a constant effort is made to duly appreciate the life and thought of the Ancient Greek people.

LATIN.

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

The course in Latin, embracing a period of seven years, three in the Preparatory and four 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, Persius, Pliny, Seneca and Lucretius.

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 latter.

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., D. SC., (LOND.), F. G. SS. L. E. & A.

This department includes the subjects of Botany, Zoology, Geology and Palaeontology, 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.

Mere text-book work is little used, as its value in this department of study is very small, but special subjects are taken up from

time to time in all the classes, and the work is made as practical as possible. The description and drawing of the natural objects are here important means of mental culture and advancement.

Lectures are supplementary to this part of the work, and are intended not to be a substitute for a text-book, but to explain what the student has but partially understood or to direct him in further work. They are also the means of bringing before him much scientific information that is otherwise quite inaccessible.

Direct contact with Nature rather than reliance on authority is encouraged, and students are employed as far as possible on the study of the local natural history, with the view of developing their own powers of observation and deduction. This, and not the mere accumulation of facts, is the foremost object desired by the introduction of this branch of study in a college course.

The yearly improving collections, both in the general and in the local museums, are rapidly enlarging the possible field of useful teaching.

The meetings of the Akron Scientific Club are held at the College, and students have the opportunity of attending them. This affords any who desire it a great assistance in doing advanced work in Science beyond what can be provided for in the ordinary classes.

The Department is fairly equipped with instrumental assistance in Microscopes and other accessories, to which considerable additions have been made during the past year.

By these various means is afforded the opportunity of becoming acquainted with the general scope of Natural Science and the methods of scientific work, and also, if desired, of carrying on minute investigation in a limited portion of this great and yearly widening field.

MATHEMATICS AND ASTRONOMY.

PROF. C. S. HOWE, PH. D.,

ADJUNCT PROF. C. R. OLIN, B. S.

FRESHMAN CLASS.

FIRST TERM.—*Geometry (review); Algebra.*

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

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

SOPHOMORE CLASS.

FIRST TERM.—*Analytical Geometry* (Wentworth), 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 (Carhart), 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* (Smith), 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 (Young), 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, 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 the first two terms of calculus.

RHETORIC AND ENGLISH LITERATURE.

PROF. MARY B. JEWETT, A. B.

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

Beginning with the third term of the Freshman year, all students are required at stated times to prepare written productions, essays, orations, and theses, which, after correction by the Professor of Rhetoric, and private rehearsal to the Teacher of Elocution, are delivered before the College at the weekly Rhetorical Exercises.

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 first term of the Sophomore Scientific Course, the History of American Literature is taught by means of lectures and readings from the principal authors. Beginning with this point the work is elective, the course being in the second and third terms the History of English Literature. Representative works of the best authors are read critically in class. The life of the author and the history of his time are also made the subject of study.

In the Senior year, the classical authors of the English language, Shakespeare, Chaucer, Milton, and Spenser, are studied. 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.

The aim throughout the course in English Literature is to foster a taste for good reading, to direct students what to read and how to read. Constant and thorough use of the College Library is urged upon all students in this course.

LOGIC.

PROF. MARY B. JEWETT, A. B.

Logic is an elective study in the second and third terms of the Junior year. In the first term, Formal Logic—comprising study of the laws of thought, the syllogism and other forms of reasoning—is discussed. The text-book used is Fowler's Deductive Logic.

In the second term, Induction, and the processes preliminary to it, form the subjects of study. The text-book used is Fowler's Inductive Logic. The work is supplemented in both terms by practical exercises, numerous examples of the processes of thought, the criticism of arguments, and by references to Mill, Jevons, Bain and other standard logical authorities.

HISTORY.

DORA E. MERRILL.

Throughout the Freshman year Scientific Course, lectures upon the growth, development and character of the English people, from the earliest times to our own day, are given. The dependence of certain changes in English life and history upon the great European movements, such as the Crusades, Renaissance, Reformation, French Revolution, etc., is made clear by supplementary lectures on these topics. The lectures form but the outline of recitation, for which preparation is made by free and constant use of the College Library, containing the works of such standard historical authorities as Green, Macaulay, Knight, Creasy, Stubbs, Froude, Guizot, etc.

Particular attention is given to the social development and constitutional growth of the English people as the basis of our own character and government.

The aim is to induce students to read for themselves, and to awaken a real and vivid interest in English Life, Letters and History.

LAW.

ALBERT B. TINKER, M. S., LL. B.

It is the design of this department to furnish instruction in the elements of Jurisprudence and Civil Government.

The Fall Term is occupied in studying the principles of American Constitutional Law, with frequent reference to the Constitutions of European Governments.

The Winter Term is devoted to the study of Municipal Law. This will include the law of The Domestic Relations, Property, Contracts, Crimes, and Procedure in the Courts.

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

No attempt will be made to fit men for legal practice; but it is possible for students, who pursue the law in this department diligently throughout the year, to be admitted to the Bar after one year's additional study in a Law School.

ELOCUTION.

ADA M. MARINER, M. S., B. O.

In the Freshman year particular attention is given to the principles of Elocution, Voice Culture, Gesture, Precision, Harmony and Ease.

The Sophomore year is devoted to reading short selections from classic authors for expression and voice culture, class drill for voice and body, and studying of Master Orations.

In the Junior year the time is given to Analysis in Reading. One play will be read from Shakespeare.

The Fall Term of the Senior year is devoted to Expressive Reading, and class drill for body and voice.

Throughout the course the students' individuality is preserved, and repose of manner and self-control cultivated.

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, and a Normal Course of two years. Provision is also made for instruction in Commercial and English studies on the part of those not pursuing a regular course.

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 first term of the middle year are required to declaim, and to prepare and deliver original literary exercises.

Students will be examined and assigned to classes for which they are qualified. Those who present satisfactory grades from schools of good standing will be admitted without examination, subject to the condition that they sustain themselves in their work. To enter the Junior Class of this department, applicants will be examined in Elements of Arithmetic as far as Percentage, 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.

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

Classes will be formed each term in Book-keeping and Business Arithmetic, affording ample opportunity to those who may wish to give especial attention to such studies. These branches, as taught here, will give the student not only a good knowledge of Single and Double Entry Book-keeping, enabling him to manage a set of books in any ordinary retail or wholesale business, but they will furnish instruction in Commercial Law and Business Correspondence as well.

All Drawing is Free-hand, and from Nature.

Students sufficiently advanced in other studies, after completing the Latin of the Junior year, may enter both the Middle and the Senior classes, thus completing the three years of preparatory Latin in two years.

Students sufficiently advanced in other studies may complete the Preparatory Greek in one year. To accommodate such students, a special class for rapid work will be formed at the beginning of each college year.

Other classes may be formed when a sufficient number of students desire them.

The Junior Composition recites once a week; the Middle Drawing twice a week; other classes five times a week.

FACULTY AND OFFICERS.

REV. ORELLO CONE, D. D.,

PRESIDENT.

JENNIE GIFFORD, A. M.,

PRINCIPAL,

Teacher of Science and School Management.

PROF. WILLIAM D. SHIPMAN, A. M.,*

Teacher of Greek.

PROF. CHARLES C. BATES, A. M.,*

Teacher of Latin.

DORA E. MERRILL,

Teacher in Normal Work.

MARY E. STOCKMAN, L. A.,

Teacher of English and Latin.

CHARLES R. OLIN, B. S.,

Teacher of Mathematics.

MARTHA A. BORTLE,

Teacher of English and Rhetorical Work.

CHARLES R. OLIN, B. S.,

SECRETARY.

*Lillie R. Moore, A. B., has been engaged as teacher of Latin and Greek in this department, and will enter upon her duties in September.

PREPARATORY COURSE.

JUNIOR CLASS.

CLASSICAL.

FIRST TERM.

English.— { Composition.
 { Grammar.

Latin.—Grammar and Lessons.

Mathematics.—Percentage Arithmetic.

SECOND TERM.

English.— { Composition.
 { Grammar and Analysis.

Latin.—Grammar and Lessons.

Mathematics.—Completing Arithmetic.

THIRD TERM.

English.— { Analysis.
 { 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 and Analysis.

Latin.—Grammar and Lessons.

Mathematics.—Completing Arithmetic.

THIRD TERM.

English.— { Analysis.
 { 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 and Analysis.

Latin.—Grammar and Lessons.

Mathematics.—Completing Arithmetic.

THIRD TERM.

English.— { Analysis.
 { Composition.

History.—United States.

Latin.—Grammar and Cæsar.

MIDDLE CLASS.

CLASSICAL.

FIRST TERM.

Drawing.—Free-Hand.

English.—Elementary Rhetoric.

Latin.—Cæsar, Grammar; Prose Composition.

Mathematics.—Algebra.

SECOND TERM.

Drawing.—Free-Hand.

Greek.—Grammar and Lessons.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

THIRD TERM.

Greek.—Grammar and Lessons.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

PHILOSOPHICAL.

FIRST TERM.

Drawing.—Free-Hand.

English.—Elementary Rhetoric.

Latin.—Cæsar, Grammar; Prose Composition.

Mathematics.—Algebra.

SECOND TERM.

Drawing.—Free-Hand.

English.—Civil Government.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

THIRD TERM.

Natural Science.—Physiology.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

SCIENTIFIO.

FIRST TERM.

Drawing.—Free-Hand.

English.—Elementary Rhetoric.

Latin.—Cæsar, Grammar; Prose Composition.

Mathematics.—Algebra.

SECOND TERM.

Drawing.—Free-Hand.

English.—Civil Government.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

THIRD TERM.

Natural Science.—Physiology.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

SENIOR CLASS.

CLASSICAL.

FIRST TERM.

Greek.—Grammar, Anabasis; Greek History.

Latin.—Virgil, Grammar; Prose Composition; Roman History.

Mathematics.—Algebra, and Plane Geometry.

SECOND TERM.

Greek.—Anabasis; Prose Composition.

Latin.—Virgil, Grammar; Prose Composition.

Mathematics.—Plane Geometry.

THIRD TERM.

Greek.—Anabasis; Prose Composition.

Latin.—Virgil; Prose Composition.

Mathematics.—Solid Geometry.

PHILOSOPHICAL.

FIRST TERM.

Physical Science.—Physical Geography.

Latin.—Virgil, Grammar; Prose Composition; Roman History.

Mathematics.—Algebra, and Plane Geometry.

SECOND TERM.

English.—General History.

Latin.—Virgil, Grammar; Prose Composition.

Mathematics.—Plane Geometry.

THIRD TERM.

English.—General History.

Latin.—Virgil; Prose Composition.

Mathematics.—Solid Geometry.

SCIENTIFICO.

FIRST TERM.

Physical Science.—Physical Geography.

Physical Science.—Natural Philosophy.

Mathematics.—Algebra, and Plane Geometry.

SECOND TERM.

English.—General History.

Physical Science.—Natural Philosophy.

Mathematics.—Plane Geometry.

THIRD TERM.

English.—General History.

Physical Science.—Natural Philosophy.

Mathematics.—Solid Geometry.

NORMAL COURSE.

FIRST YEAR.

FALL TERM.

Higher Arithmetic. { Ratio and Proportion.
 Longitude and Time.
 Percentage.
 English Grammar and Analysis.
 School Management. { Methods in Common
 Branches.
 Psychology in its appli-
 cation to Teaching.
 Elements of English Composition.

WINTER TERM.

Higher Arithmetic. { Evolution and Involution.
 Mensuration.
 Metric System.
 Advanced Analysis.
 Descriptive Geography, Review.
 School Management—Philosophy of Teaching.
 Elements of English Composition.

SPRING TERM.

Book-keeping.
 Physiology.
 United States History.
 School Management—History of Pedagogy.
 Elements of English Composition.

SECOND YEAR.

FALL TERM.

Algebra.
 Physical Geography.
 Drawing.
 Natural Philosophy.
 Elementary Rhetoric.

WINTER TERM.

Algebra.
 Civil Government.
 Drawing.
 Natural Philosophy.
 General History.

SPRING TERM.

Algebra.
 General History.
 General Review of Grammar and Arithmetic.
 Natural Philosophy.

Students should be well prepared in Common Branches to complete the course in the prescribed time.

Normal students not having time for the full course may select such studies as will best serve their purpose.

All are advised to pursue the study of Latin in connection with the above.

DEPARTMENT OF MUSIC.

CLAUS WOLFRAM,

Director.

INSTRUCTORS.

CLAUS WOLFRAM,

Piano, Organ, Theory.

EMILY LOUISE McINTOSH,

Piano.

JENNIE GROFF,

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 Bülow.

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 }
Beriot } Violin Method.

Umlaur's Zither School.

Kummer's }
Lees' } Cello School.

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, Bülow, Brouart, Barth, Essipoff, Shaowenka, Sherwood, Josseffy, Strelezki, 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.

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, Kücken, 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 Händel, 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.

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, of the New York Academy of Design, and a teacher of large experience, is in charge of this department.

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, etc., etc. 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, 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.

STUDENTS.

COLLEGIATE DEPARTMENT.

GRADUATE STUDENTS.

Olin, Grace Gorton..... *History*.....Akron.
Schumacher, Abby Soule..... *Greek*.....Akron.

SENIOR CLASS.

COURSE.

Barnet, Bertha Blehmer..... PH.....Eaton.
Briggs, Herbert Bruce..... S.....Sharon Center.
Cone, Edwin Frank..... C.....Akron.
Danglade, Ernest..... S.....Vevay, Ind.
Harris, Madge Putnam..... S.....Fostoria.
Holcomb, Willard Alexis..... C.....Jackson.
Keller, John Robert..... S.....Nimisila.
†Kingsbury, Annie Maude... PH.....Defiance.
Matthews, Gertrude Helen... C.....Jackson.
McIntosh, Emily Louise..... C.....Akron.
Palmer, Joseph Asa..... S.....Akron.

Seniors 11.

JUNIOR CLASS.

COURSE.

Bonner, Edwin Percy..... S.....London.
*Coit, Arthur Clinton..... S.....Mantua Station.
McGillicuddy, Kate Leora... C.....Akron.
Pardee, Ethelbert Kenneth... S.....Cuyahoga Falls.
Ransom, Eugene..... S.....Akron.
Rowley, Arthur James..... S.....Akron.
Smith, Halbert Dennis..... PH.....Chardon.
Tame, Alfred George..... S.....Akron.
*Van Orman, Willard Henry.. S.....Akron.
White, Fred Harmon..... S.....Mantua Station.
Wieland, Franklin Grant.... PH.....Mt. Gilead.

Juniors 11.

*Not in full class standing.

†Deceased.

SOPHOMORE CLASS.

COURSE.

Ackley, Wilber Walton..... SHaga.
Andrew, Vernon Robert..... SMedina.
Baldwin, William Benson..... CAkron.
Barnes, Alice SKingston, N. M.
*Chaney, Cora Blanche..... SCanal Winchester.
Clark, Agnes May..... CAkron.
Cook, Francis Marion..... CBluffton.
Ferguson, Robert Graham..... SWilloughby.
Findley, Edwin Leigh..... CAkron.
Fries, George Frank..... SNorwalk.
Henry, Carl French..... SGeauga Lake.
Howe, William Woods..... CBoston, Mass.
Moore, John Clark PH.....Akron.
Myers, Robert Augustus..... PH.....Uniontown.
Osborn, Cora Bernice..... SAkron.
Perry, Inez Laura..... PH.....Salesville.
*Pierce, James Anton..... PH.....Sharpsville, Pa.
Pixley, Orla Calmer..... SWest Richfield.
Sisler, Jennie Lenore..... SNimisila.
Tucker, Robert..... PH.....Millwood.
Warner, Enid..... SMarietta.

Sophomores 21.

FRESHMAN CLASS.

COURSE.

Allen, Cora Adell..... PH.....Akron.
Barker, Myrtie..... C.....Peru.
Cannon, Austin Victor S.....Jesse.
Carter, Wilson Andrus..... PH.....Cuyahoga Falls.
Chaney, Lizzie Josephine..... S.....Canal Winchester.
Claypole, Agnes Mary PH.....Akron.
Claypole, Edith Jane..... PH.....Akron.
Cole, James Ethan..... PH.....Norwalk.
Conkle, Edward Thompson... S.....Akron.
Crispin, Fannie Forrester... PH.....Akron.
Farrand, J. Willis..... C.....Akron.
Gayer, William Charles..... PH.....Akron.
Hugill, Frank Wells..... PH.....Akron.
Laughead, Katherine..... C.....Middleport.

*Not in full class standing.

Lybarger, Lee Francis.....s.....Mt. Vernon.
 Matthews, Avery Putnam....s.....Jackson.
 Rankin, Irving Cornelius....PH.....Akron.
 Reynolds, Joseph Jay.....s.....Le Roy.
 *Spencer, William Arthur....s.....Akron.
 Stanley, Walter Thomas....PH.....Lower Salem.
 *Steves, May Emma.....s.....Clifton Springs, N.Y.
 *Stoddard, Sherman Burrett...s.....Medina.
 Thomas, Anna Elizabeth.....c.....Akron.
 Thompson, Harlan Byron....s.....W. Farmington.
 *Typer, Helen May.....s.....Abilene, Kan.
 Warner, Lena Octavia.....s.....Morrison, Ills.

Freshmen 26.

SPECIAL STUDENTS.

DEPARTMENT.

Bradley, Isabel Agnes.....*English*.....Akron.
 Carpenter, Dudley S.....*English*.....Akron.
 Commins, Alexandria D...*German*.....Akron.
 Commins, Gertrude P.....*German*.....Akron.
 Corson, Julia Folger.....*German*.....Akron.
 Crumrine, Harriet Grace...*German*.....Akron.
 Derrig, Jennie Maria.....*English*.....Akron.
 Feederle, Antoinette.....*German*.....Akron.
 Findley, Laura May.....*German*.....Akron.
 Gross, Laura Luella...*English and German*..Akron.
 Hamman, Adelaide L.....*German*.....Akron.
 Huse, Gertrude Viola.....*German*.....Akron.
 Libis, Metta M...*Chemistry and Psychology*.Akron.
 McLean, Johnson B...*English and German*..W. Alexandria.
 McMillen, Mary Olive.....*Latin*.....Akron.
 Neuffer, Bert Freeman.....*English*.....Wanaka, Ind.
 Seiberling, Grace Irene...*German*.....Akron.
 Sibley, Benneal.....*English*.....North Lewisburg.
 Smith, Ida Thais.....*English*.....Plainville.
 Townsend, Leota M...*English and German*..Akron.
 Wills, Bessie.....*English and German*..Akron.
 Wise, Harriet May...*English and Latin*...Akron.

Special Students 22.

*Not in full class standing.

PREPARATORY DEPARTMENT.

SENIOR CLASS.

COURSE.

Benson, Howard John.....c.....Akron.
Brewster, Albert James.....s.....East Akron.
Briggs, Clifford Lee.....s.....Sharon Center.
Campbell, Bryant Downing..s.....Willoughby.
Campbell, James Jeremiah..s.....Willoughby.
Chamberlain, Mary Edith...PH.....Akron.
Eberhard, Le Roy Crockett..c.....Akron.
Fehr, Peter.....c.....Akron.
Green, Isabella Moore.....c.....Akron.
Hollinger, Myrven John....s.....Copley.
Howard, George Edwin.....c.....Cuyahoga Falls.
Hutchinson, Eberly.....c.....Columbus.
Knight, Mary Ethel.....PH.....Charleston, W. Va.
Koenig, Charles William...s.....St. Louis, Mo.
Mathew, Rosetta.....s.....Akron.
Myers, William Daniel....c.....Akron.
Olin, Abby Lena.....s.....Windsor.
Parsons, Katharine Seymour.c.....Akron.
Phinney, Emma Henrietta..c.....Akron.
Preston, Hallie Elizabeth..PH.....Akron.
Rogers, Edna Arline.....PH.....Castalia.
Seidman, Edward Samuel...c.....Akron.
Shipman, Charles Hiram...c.....Akron.
Slade, Alice Cary.....c.....Columbus.
Swigart, Louis Andrew....s.....Copley.
Weeks, Charles Peter.....PH.....Akron.
West, Mary Zubia.....s.....Marietta.
Work, Daisy Winifred....PH.....Akron.
Wynn, Gertrude Ethelyn...s.....Bryan.

MIDDLE CLASS.

COURSE.

Allen, Frank Palmer.....PH.....Akron.
Armstrong, Allen Throup...s.....Akron.
Benedict, Charles Sumner..PH.....Perry, N. Y.

Bowers, Roy Edwin C Akron.
 Brewster, Martha Valena S East Akron.
 Buchtel, Addie Marion S Columbus, Kan.
 Corbitt, Jessie Mildred S Jeffersonville.
 Corbitt, Laura Vivian S Jeffersonville.
 Courtney, Alice Leeta S Salem.
 Dickson, Theodore Robert S Johnson's Corners.
 Eddy, John Whittimore C Bay City, Mich.
 Findley, Samuel Emerson C Akron.
 Foltz, Elbie Kean C Akron.
 Foltz, Esgar Bowen C Akron.
 Haynes, Dian May C Clifton, Kan.
 Hensel, Clarence Wellington C Akron.
 Huber, Cora May S Akron.
 Kolbe, Carl Henry S Akron.
 LeFevre, Florence Fanette C Akron.
 MacGregor, John C Akron.
 Mallory, Herbert Samuel C Akron.
 Mathew, Taca C Akron.
 Mignin, Charles Frederic S Stryker.
 Mottinger, Charles Creighton S Inland.
 Musson, Estella Francis S Mogadore.
 Pease, Augustus S Canon City, Col.
 Saxe, Lula Harriet S Akron.
 Seidman, Arthur C Akron.
 Shipman, Leon Emmet C Akron.
 Spencer, John Alfred C Akron.
 Stanley, Maggie Esther PH Lower Salem.
 Taber, Gertrude PH Castile, N. Y.
 Thompson, James Guy S North Farmington.
 Upson, Seth Marion C Akron.
 Work, Effie PH Akron.
 Worthington, Alma PH Plain City.
 Worthington, Alta PH Plain City.

JUNIOR CLASS.

Baker, Mary Elizabeth Shortsville, N. Y.
 Brown, Edward William Akron.
 Carpenter, Barlow Green Coe Ridge.
 Case, Charles Frank Akron.
 Chapman, Charles Arthur Akron.
 Fisher, Frank Talbot Akron.
 Green, William Adams Akron.

Howe, Abbey Bell.....	Ira.
Iredell, Mary Elizabeth.....	Akron.
Jacobs, Charles Dickson.....	Lima.
Koontz, Russell Beldon.....	Akron.
McFarlin, William.....	Akron.
Parker, Lulu Elizabeth.....	Akron.
Pease, Thomas.....	Canon City, Col.
Stockman, Avah Maud.....	Aspen, Col.
Stow, Frank.....	Girard, Pa.
Swartz, Ulysses Grant.....	Akron.
Thornton, Charles Arthur.....	Akron.
Voss, Mary Ida.....	Akron.
Worthington, Libbie.....	Plain City.

NORMAL STUDENTS.

SECOND YEAR.

Armstrong, Maggie.....	Akron.
Carpenter, Alice.....	Coe Ridge.
Conlin, Thomas.....	Krumroy.
Cook, Fannie May.....	Akron.
Francisco, Ida C.....	Akron.

FIRST YEAR.

Bowen, Eva Hellen.....	Hudson.
Chamberlain, Herman Samuel.....	Krumroy.
Cramer, Emma Minnie.....	Inland.
Frank, Zedella Zenova.....	Copley.
Green, Clarence Newman.....	Independence.
Green, Perry Joseph.....	Independence.
Hamlin, Matie Ethel.....	Akron.
Hoerger, Ferdinand Rudolph.....	Wilmot.
Johnston, Marcia Grace.....	Akron.
Kinch, Nell.....	Grangerburgh.
McKnight, Alvin Charles.....	North Springfield.
McMillan, Nellie.....	Montrose.
Moore, Edwin Dwight.....	Akron.
Mosher, Fred. Alvin.....	Cuyahoga Falls.
Moulton, Emma Winifred.....	Brimfield.
Pfaff, Phebe Maria.....	Whipple.
Sage, Myrtle Elfrenda.....	Huntington.
Sorricks, Clara Cordula.....	Nimisila.
Sorricks, Jennie.....	Nimisila.

Stouffer, Jossie Josephine.....Akron.
 Thomas, John Lewis.....Akron.
 Traxler, Carrie.....Nimisila.
 Watters, William James.....Coventry.

UNCLASSIFIED STUDENTS.

Bowen, Mary.....Akron.
 Breslin, May Lue.....Akron.
 Brewster, Mary Irene.....East Akron.
 Brown, Guy.....Chagrin Falls.
 Cobb, Frederick Charles.....Akron.
 Cook, Abraham Paul.....Louisa, Ky.
 Edelblute, John Riley.....New-way.
 Frank, Charles Walter.....Akron.
 Frank, Margaret Leora.....Akron.
 Hackett, Lizzie.....Akron.
 Hand, William Samuel.....Akron.
 Hane, Jessie May.....Akron.
 Hardin, Eli Boyer.....South Warsaw.
 Hardin, Willett Lepley.....South Warsaw.
 Harrod, Hugh Leslie.....Lima.
 Hawkins, Lillie Mabel.....Akron.
 Henry, Myra Laurinda.....Geauga Lake.
 Humphrey, Lena Matilda.....Akron.
 Le Roy, Mary Elizabeth.....East Akron.
 Lodwick, Hope Estelle.....Akron.
 McMasters, Harry Henry.....Akron.
 Motz, Charles.....Akron.
 Olin, Parris G.....Windsor.
 Parker, Harvey Allen.....Akron.
 Pendleton, Bird Alice.....Akron.
 Price, Keokee Elizabeth.....Akron.
 Rech, Henry Charles.....Akron.
 Rieger, Albert Anthony.....Akron.
 Roush, George Pendleton.....Freedom Station.
 Scott, James Walter.....Akron.
 Stillwell, Ray Barnet.....East Akron.
 Swartz, John Victor.....Akron.
 Thomas, James Allen.....Akron.
 Trieschmann, Albert J. H.....Kelley's Island.
 Wylie, John Miller.....Akron.

SUMMARY OF STUDENTS.

COLLEGIATE DEPARTMENT.

Graduate Students.....	1
Senior Class.....	11
Junior ".....	11
Sophomore ".....	21
Freshman ".....	26
Special Students.....	22

Graduate Students.....	1
Classical ".....	14
Philosophical ".....	19
Scientific ".....	36
Special ".....	22

Gentlemen.....	48
Ladies.....	44

PREPARATORY DEPARTMENT.

Graduate Students.....	1
Senior Class.....	29
Middle ".....	37
Junior ".....	20
Normal Students.....	28
Unclassified.....	35

Gentlemen.....	82
Ladies.....	68

MUSIC DEPARTMENT.

Total Number for the Year..... 139

PAINTING AND DRAWING DEPARTMENT.

Total Number for the Year..... 54

RECAPITULATION.

Collegiate Students..... 92
Preparatory " 150
Music " 139
Painting and Drawing Students..... 54
Gentlemen—Collegiate and Preparatory..... 130
Ladies—Collegiate and Preparatory..... 112
Total Attendance in Collegiate and Preparatory Departments. 242
Number in Music, Painting, etc., exclusive of Collegiate and
Preparatory Students..... 177
Total Attendance in all Departments..... 419

DEGREES CONFERRED.

COMMENCEMENT, 1888.

GRADUATES.

BACHELOR OF ARTS.

Emerson, George Burson.....Salesville.
Lawrence, Edith Maynard.....Akron.
McMillen, Mary.....Akron.

BACHELOR OF PHILOSOPHY.

Bleekman, Addie Louise.....Rarden.
Marvin, Mabel.....Harrison.

HONORARY.

DOCTOR OF DIVINITY.

Rev. Henry L. Canfield.....Bellville.
Rev. W. S. Crowe.....Newark, N. J.

MASTER OF ARTS.

Charles Baird.....Akron.

DONATIONS AND IMPROVEMENTS.

In January, 1888, Mr. Jonas J. Pierce, of Sharpsville, Pa., donated \$600 toward the equipment of Crouse Gymnasium.

In February, 1888, the Hon. Geo. W. Crouse made a further donation of \$5,000 toward the erection of the Gymnasium.

By the last will and testament of Rev. William H. Ryder, D. D., of Chicago, Ill., who died in March, 1888, the College is made a residuary legatee, and, as such, will receive about \$20,000.

At the commencement in 1888 the Alumni Association made an addition of \$130 to the Alumni Prize Fund.

The Crouse Gymnasium was completed and opened to students in April, 1888. The building cost about \$20,000, and the apparatus and furnishings about \$2,000. This valuable addition to the College the Trustees have made free to all students.

A friend of education and the Universalist faith has given the sum of \$10,000 to be used ultimately for the endowment of a Theological Professorship.

A fund of \$10,200 with which to purchase books for the College Library has been subscribed mainly by citizens of Akron. The following is the list of donors:

Ohio C. Barber, Akron.....\$1,000 William Buchtel, " 1,000 Albert Allen (since deceased), Akron 1,000 W. B. Doyle, Akron..... 1,000 Thomas W. Cornell, Akron. 1,000 Mrs. S. O. Acomb, Tidloute, Pa..... 1,000 Schoeninger Bros., Akron... 500 Joy H. Pendleton, " 500 Geo. T. Perkins, " 500	O. D. Childs, Akron.....\$500 Lewis Miller, " 500 J. F. Seiberling, " 500 M. H. Crumrine, " 500 J. C. McMillen, " 100 Geo. D. Bates, " 100 A. B. Tinker, " 100 Geo. Billow, " 100 E. P. Green, " 100 W. H. Slade, Columbus..... 100 James Christy, Akron..... 100
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Further additions to this fund are in prospect.

Three volumes of the Geological Survey of Michigan have been presented by Mr. J. J. Pierce, of Sharpsville, Pa.

During the past year a very valuable collection of Archæological Material has been purchased and presented to the College by the Messrs. Ferdinand and Adolph Schumacher. It will afford, when arranged and displayed, an excellent typical representation of the Archæology of Summit County, where most of the specimens were found. Such an addition to the resources of the Institution is peculiarly valuable and interesting because the material is becoming rare, and increases in value every year. Other collections exist, the acquisition of which by the College is very desirable, as sooner or later they will otherwise be dispersed and accidentally destroyed.

The Herbarium, including additions during the past year from various sources, now contains between five hundred and six hundred specimens.

The collection of local fossils has been also increased by the addition of some interesting specimens, some of which are new to science, and will be figured and described in a forthcoming work on the Coal Flora of North America. Several boxes of local fossils have also been acquired by purchase.

The Entomological collections also have been increased, and the cases placed on exhibition in the Museum.