

CATALOGUE

— OF —

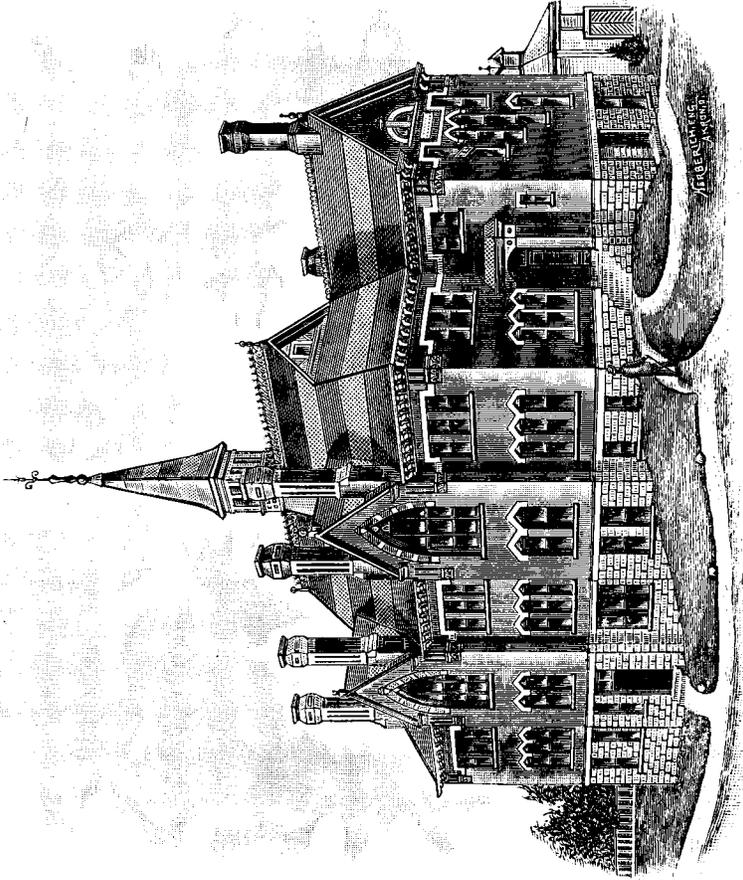
Buchtel College

↔ AKRON, OHIO. ↔

≡ 1890. ≡



MAIN COLLEGE BUILDING.



CROUSE GYMNASIUM.

CATALOGUE

- of -

BUCHTEL COLLEGE,

AKRON, OHIO

COLLEGIATE DEPARTMENT.

PREPARATORY DEPARTMENT.

1889-90.

AKRON, OHIO.
THE AKRON ENGRAVING Co., PRINTERS.
1890.

"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 experienced teachers.



COLLEGE CALENDAR.

1890.

SPRING TERM.

Saturday, June 7.—Senior Vacation begins.
Saturday, June 21, 8 P. M.—Senior Preparatory Exercises.
Sunday, June 22.—Baccalaureate Sermon.
Monday, June 23, 8 P. M.—Ashton Prize Speaking.
Tuesday, June 24, 2 P. M.—Annual Meeting of the Alumni Association.
Tuesday, June 24, 8 P. M.—Address before the Alumni Association.
Wednesday, June 25, 9 A. M.—Examinations for Admission.
Wednesday, June 25.—Annual Meeting of the Board of Trustees.
Wednesday, June 25, 8 P. M.—Annual Address.
Thursday, June 26 9:30 A. M.—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.

1891.

WINTER TERM.

Tuesday, January 6.—Registration and Entrance Examinations.
Wednesday, January 7.—Instruction begins.
Monday, January 19.—Founder's Day.
Friday, March 20, 7:30 P. M.—Junior Exhibition.
Thursday, March 26.—Winter Term ends.

SPRING TERM.

Tuesday, March 31.—Registration and Entrance Examinations.
Wednesday, April 1.—Instruction begins.
Saturday, June 6.—Senior Vacation begins.
Sunday, June 21, to Thursday, June 25.—Commencement Exercises.
Thursday, June 25.—Graduating Exercises

FALL TERM.

Tuesday, September 8.—Registration and Entrance Examinations.
Wednesday, September 9.—Entrance Examinations continued.
Thursday, September 10.—Instruction begins.
Thursday, December 17.—Fall Term ends.

BOARD OF TRUSTEES.

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DAYTON A. DOYLE, A. B., LL. B.	AKRON	1890

OFFICERS OF THE BOARD.

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Messenger-Professor of Mental and Moral Philosophy.

506 Buchtel Avenue. (President's House.)

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219 S. Union Street.

CARL F. KOLBE, A. M.,

Hilton-Professor of Modern Languages.

527 Buchtel Avenue.

WILLIAM D. SHIPMAN, A. M.,

Professor of the Greek Language and Literature.

231 S. Union Street.

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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.

MARY B. JEWETT, A. B.,

Pierce-Professor of Rhetoric and English Literature.

West Hall.

HERMAS V. EGBERT, A. M.,

Ainsworth-Professor of Mathematics and Astronomy.

549 Buchtel Avenue.

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

ALBERT B. TINKER, M. S., LL. B.,
Instructor in Law.
511 Spicer Street.

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

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

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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.

LILLIE R. MOORE, A. B.,
Teacher of Greek and Latin.
421 Park Street.

ERNEST DANGLADE,
Assistant in Chemical Laboratory.

ANNIE A. BLACK,
[Conservatory of Leipzig.]
Teacher of Piano and Theory.

LOUISE VON FEILITZSCH,
Teacher of Vocal Music.

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

ALEXANDER T. VAN LAER,
Teacher of Painting and Drawing.
206 Spicer Street.

STELLA S. VAN LAER,
Assistant.
206 Spicer Street.

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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-one 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.....	Iwin.
*John Perdue.....	Lafayette, Ind.
Eli M. Kennedy.....	Higginsville, Mo.
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N. S. Olin.....	Streetsboro.
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*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.
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*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.
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†Mrs. Charlotte Robson.....	Newport, Ky.
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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.
Mrs S. O. Acomb.....	Tidioute, Pa.

These scholarships are intended to aid worthy and deserving students.

*Deceased.

†In honor of her father, Ellphas 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 desiring 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 chronograph, drop-

ping 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 ninety-one periodicals, distributed as follows: Twenty-four upon literary and educational subjects; twenty-two upon Natural and Physical Science; twelve upon Mathematics and Astronomy; nine upon theological subjects; five on Political Science and Law; two on Philology; four daily newspapers; seven weekly and two semi-weekly newspapers; four 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 SOCIETIES.

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

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.

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 a 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.

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.

PENDLETON LAW PRIZES.

For the purpose of encouraging the study of Law and Civil Government a fund of \$1,000 has been established by Joy H. Pendleton, of Akron, the annual income of which is used as prizes for essays in the Law Class. Two-thirds of such income is annually paid for the best essay, and one-third for the second best essay, on some subject of Law or Government, announced by the Instructor.

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.

[PER TERM OF 20 LESSONS.]

Piano { private lessons	\$20 00
{ class lessons.....	15 00
Composition { in classes.....	10 00
Harmony { private lessons.....	20 00
History {	
Organ {	
Violin {	15 00
Cello {	
Zither {	
Voice.....	30 00
Use of Piano, per term, one hour per day.....	2 00
No deduction will be made for missed lessons unless caused by pro- tracted 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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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, (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*.—Rhetoric.
- § *Elocution*.—Voice, Body, Expression.
- † *Greek*.—Memorabilia; Prose Composition.
- † *Latin*.—Livy; Prose Composition.
- † *Mathematics*.—Geometry (Review); Algebra.
- † *Natural Science*.—Elementary Zoology.

SECOND TERM.

- * *English*.—Rhetoric.
- § *Elocution*.—Voice, Body, Expression.
- ‡ *Greek*.—Homer's Iliad; Greek Literature.
- ‡ *Latin*.—Livy; Cicero de Amicitia; Prose Composition.
- ‡ *Mathematics*.—Advanced Algebra.

THIRD TERM.

- § *English*.—Rhetoric.
- § *Elocution*.—Voice, Body, Expression.
- ‡ *Greek*.—Selections: Odyssey, Herodotus and Thucydides; Greek Literature.
- † *Latin*.—Horace's Odes, Metres; Prose Composition.
- ‡ *Mathematics*.—Plane Trigonometry.
- † *Natural Science*.—Elementary Botany.

PHILOSOPHICAL.

FIRST TERM.

- * *English*.—Rhetoric.
- § *Elocution*.—Voice, Body, Expression.
- † *German*.—Grammar, Exercises; Reading.
- † *Latin*.—Livy; Prose Composition.
- † *Mathematics*.—Geometry (Review); Algebra.
- † *Natural Science*.—Elementary Zoology.

SECOND TERM.

- * *English*.—Rhetoric.
- § *Elocution*.—Voice, Body, Expression.
- ‡ *German*.—Grammar, Exercises; Reading.
- ‡ *Latin*.—Livy; Cicero de Amicitia; Prose Composition.
- ‡ *Mathematics*.—Advanced Algebra.

THIRD TERM.

- § *English*.—Rhetoric.
- § *Elocution*.—Voice, Body, Expression.
- ‡ *German*.—Grammar, Exercises; Boisen's Reader, Das Wirthshaus zu Cransac, Zschokke.
- † *Latin*.—Horace's Odes, Metres; Prose Composition.
- ‡ *Mathematics*.—Plane Trigonometry.
- † *Natural Science*.—Elementary Botany.

SCIENTIFIC.

FIRST TERM.

- * *English*.—Rhetoric.
- § *Elocution*.—Voice, Body, Expression.
- † *German*.—Grammar, Exercises; Reading.
- † *History*.—English People.
- † *Mathematics*.—Geometry (Review); Algebra.
- † *Natural Science*.—Elementary Zoology.

SECOND TERM.

- * *English*.—Rhetoric.
- § *Elocution*.—Voice, Body, Expression.
- ‡ *German*.—Grammar, Exercises; Reading.
- ‡ *History*.—English People.
- ‡ *Mathematics*.—Advanced Algebra.

THIRD TERM.

- § *English*.—Rhetoric.
- § *Elocution*.—Voice, Body, Expression.
- ‡ *German*.—Grammar, Exercises; Boisen's Reader, Das Wirthshaus zu Cransac, Zschokke.
- † *History*.—English People.
- ‡ *Mathematics*.—Plane Trigonometry.
- † *Natural Science*.—Elementary Botany.

SOPHOMORE CLASS,

CLASSICAL.

FIRST TERM.

- § *English*.—Rhetoric.
 § *Elocution*.—Voice, Body, Expression.
 ‡ *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.

- § *English*.—Rhetoric.
 † *Elocution*.—Short Recitations, Phrasing, Melody.
 † *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 Laboratory Practice.

THIRD TERM.

- § *English*.—Rhetoric.
 † *Elocution*.—Short Recitations, Phrasing, Melody.
 † *Greek*.—Aeschylus: Prometheus or Persae; Greek Literature.
 † *Latin*.—Cicero: De Claris Oratoribus.
 † *Literature*.—History of English Literature.
 † *Mathematics*.— } 1. Calculus, Elementary.
 } 2. Surveying
 † *Natural Science*.—Vegetable Physiology and Histology.
 † *Physical Science*.—Chemistry with Laboratory Practice.

- § One hour per week.
 † Two hours per week.
 ‡ Three hours per week.
 ‡ Four hours per week.

PHILOSOPHICAL.

FIRST TERM.

- § *English*.—Rhetoric.
 § *Elocution*.—Voice, Body, Expression.
 ‡ *German*.—Maria Stuart, 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.

- § *English*.—Rhetoric.
 † *Elocution*.—Short Recitations, Phrasing, Melody.
 † *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 Laboratory Practice.

THIRD TERM.

- § *English*.—Rhetoric.
 † *Elocution*.—Short Recitations, Phrasing, Melody.
 † *German*.—Goldelse, Marlitt; English into German; History of German Literature.
 † *Latin*.—Cicero: De Claris Oratoribus.
 † *Literature*.—History of English Literature.
 † *Mathematics*.— } 1. Calculus, Elementary.
 } 2. Surveying.
 † *Natural Science*.—Vegetable Physiology and Histology.
 † *Physical Science*.—Chemistry with Laboratory Practice.

SCIENTIFIC.

FIRST TERM.

- § *English*.—Rhetoric.
 § *Elocution*.—Voice, Body, Expression.
 ‡ *German*.—Maria Stuart, 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.

- § *English*.—Rhetoric.
 † *Elocution*.—Short Recitations, Phrasing, Melody.
 † *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 Laboratory Practice.

THIRD TERM.

- § *English*.—Rhetoric.
 † *Elocution*.—Short Recitations, Phrasing, Melody.
 † *German*.—Goldelse, Marlitt; English into German; History of German Literature.
 † *Literature*.—History of English Literature.
 † *Mathematics*.— } 1. Calculus, Elementary.
 } 2. Surveying.
 † *Natural Science*.—Vegetable Physiology and Histology.
 † *Physical Science*.—Chemistry, with Laboratory Practice.

Beginning with the elective point, second term of the Sophomore year, each class recites four hours per week throughout the course.

JUNIOR CLASS.

CLASSICAL.

FIRST TERM.

German.—Grammar, Exercises; Reading.
Greek.—Oratory: Demosthenes and Lysias.
Latin.—Plautus' *Mostellaria* and *Captivi*; Terence's
Andria and *Adelphi*.
Logic.—Deductive and Inductive.
Mathematics.—Elementary Mechanics.
Natural Science.—Biology (Botany and Zoology).
Philology.—Science of Language.
Physical Science.—Organic Chemistry.
Political Science.—Political Economy.

SECOND TERM.

{ *English.*—Rhetoric.
 { *Elocution.*—Study of the Drama and Characteri-
 zation
German.—Grammar, Exercises; Reading.
Greek.—Aristophanes or Isocrates.
Latin.—Juvenal and Persius.
Mathematics.—Spherical Trigonometry.
Philology.—Philosophy of Language.
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
 { *English.*—Rhetoric.
 { *Elocution.*—Study of the Drama and Characteri-
 zation.
German.—Grammar, Exercises; Boisen's Reader;
 Das Wirthshaus zu Cransac, Zschokke.
Greek.—Pindar's Odes.
Latin.—Pliny's Letters and Seneca's Moral Essays.
Philology.—Periodicals, Special Subjects, and Orig-
 inal Work.
Philosophy.—Psychology.
Physical Science.— { 1. Light and Photography.
 { 2. Chemical Analysis.

PHILOSOPHICAL.

FIRST TERM.

German.—Wallenstein, Schiller; German Essays;
 Dictation; History of German Literature.
Latin.—Plautus' *Mostellaria* and *Captivi*; Terence's
Andria and *Adelphi*.
Logic.—Deductive and Inductive.
Mathematics.—Elementary Mechanics.
Natural Science.—Biology (Botany and Zoology).
Philology.—Science of Language.
Physical Science.—Organic Chemistry.
Political Science.—Political Economy.

SECOND TERM.

{ *English.*—Rhetoric.
 { *Elocution.*—Study of the Drama and Characteri-
 zation.
German.—Die Deutschen im Staate New York, Fr.
 Kapp; German Essays; Literature.
Latin.—Juvenal and Persius.
Mathematics.—Spherical Trigonometry.
Philology.—Philosophy of Language.
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
 { *English.*—Rhetoric.
 { *Elocution.*—Study of the Drama and Characteri-
 zation.
German.—Faust, Goethe; German Essays; History
 of German Literature.
Latin.—Pliny's Letters and Seneca's Moral Essays.
Philology.—Periodicals, Special Subjects, and Orig-
 inal Work.
Philosophy.—Psychology.
Physical Science.— { 1. Light and Photography.
 { 2. Chemical Analysis.

SCIENTIFIC.

FIRST TERM.

German.—Wallenstein, Schiller; German Essays;
 Dictation; History of German Literature.
Logic.—Deductive and Inductive.
Mathematics.—Elementary Mechanics.
Natural Science.—Biology (Botany and Zoology).
Philology.—Science of Language.
Physical Science.—Organic Chemistry.
Political Science.—Political Economy.

SECOND TERM.

{ *English.*—Rhetoric.
 { *Elocution.*—Study of the Drama and Characteri-
 zation.
German.—Die Deutschen im Staate New York, Fr.
 Kapp; German Essays; Literature.
Mathematics.—Spherical Trigonometry.
Philology.—Philosophy of Language.
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
 { *English.*—Rhetoric.
 { *Elocution.*—Study of the Drama and Characteri-
 zation.
German.—Faust, Goethe; German Essays; History
 of German Literature.
Philology.—Periodicals, Special Subjects, and Orig-
 inal Work.
Philosophy.—Psychology.
Physical Science.— { 1. Light and Photography.
 { 2. Chemical Analysis.

SENIOR CLASS.

CLASSICAL.

FIRST TERM.

Astronomy.—Practical and Spherical.
French.—Grammar, Exercises; Reader.
German.—Maria Stuart, Schiller; English into German; Grammar reviewed.
Greek.—Lyric Poets.
Latin.—Lucretius: De Rerum Natura.
Law.—Constitutional.
Literature.—Milton, Spenser and Chaucer.
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 and the English Drama.
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, Marliit; English into German; History of German Literature.
Greek.—New Testament.
Latin.—Hymns of Church Fathers.
Law.—International.
Literature.—Shakespeare and the English Drama.
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, Spenser and Chaucer.
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 and the English Drama.
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.—Shakespeare and the English Drama.
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, Spenser and Chaucer.
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 and the English Drama.
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.—Shakespeare and the English Drama.
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.

Those wishing to take Physics must take the Elementary Mechanic.

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

GREEK.

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 taken up; 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 College course—which includes, by reason of the elective system, the whole four years—some time is regularly devoted 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 give 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 and of the odes of Pindar. During the Senior year, in the first term we consider the forms and phases of lyric poetry; in connection with the study of Plato, the general character and development of philosophic thought among the Greeks; and in connection with the New Testament we give attention to peculiarities of dialect, the most important Mss. and versions, and the principles of textual criticism.

A brief manual of Greek Literature is taken up during the Freshman and Sophomore years, and a systematic general view of its course and character is obtained.

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.

PHILOLOGICAL SCIENCE.

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

Throughout the Junior year, an elective in Philology is offered in all courses. The subject is taken up and treated from a scientific, rather than a literary, point of view. Linguistics, both in its comparative and historical form, is now attracting wide attention, and is here given a liberal place.

The idea is to make students familiar not only with a wide range of interesting and important facts, but also with the leading doctrines concerning the nature and origin of language, the causes that have brought it to its present forms, and the forces now operative in its modification.

The special text-books used are Whitney's *Life and Growth of Language*, and Skeat's *Concise Etymological Dictionary*. The regular recitation work is supplemented by the enlarged treatment of particular subjects, preparing summaries of important articles, and the like, by the aid of books of reference, encyclopaedias, and philological periodicals, with which the College library is well supplied.

The first term is devoted to a general survey of the nature and science of language, with a few special exercises; the second, to the historical and philosophical aspects of the subject, with more outside work; while the third term is entirely devoted to particular topics, reviews, original investigations and papers.

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.

A new class was added, during the past year, in the study of Vegetable Structure. This being placed in the spring, affords an opportunity of prosecuting this work at the time of most active growth.

RHETORIC AND ENGLISH LITERATURE.

PROF. MARY B. JEWETT, A. B.

Beginning with the first term of the Freshman year, the study of Rhetoric is required in all courses up to the elective point. Two hours a week are given to this subject in the first two terms of the course, and one hour a week in the following two terms.

During the second and third terms of the Sophomore and Junior years, the subject of Rhetoric is offered with Elocution as an elective study, two hours a week being given to each in the Sophomore year, and three hours to Rhetoric with one hour to Elocution in the Junior year.

Critical reading of good specimens of literary style is made an important feature of the study of Rhetoric. The principles of Rhetorical expression are thus studied in a practical way as embodied in the works of the best writers. The student is also required to do practical work in making outlines and writing original papers in the various 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.

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. To accompany this study, a course of reading is mapped out by means of library topic books.

In the Senior year, the classical authors of the English language, Shakspeare, 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 pursuing this course.

LOGIC.

PROF. MARY B. JEWETT, A. B.

Logic is an elective study in all courses in the first term of the Junior year. The text-books used are Fowler's *Deductive Logic* and Fowler's *Inductive Logic*.

The work is supplemented by practical exercises, numerous examples of the processes of thought, the criticism of arguments, and by references to Mill, Jevans, Bain, and other standard authorities upon the subject.

MATHEMATICS AND ASTRONOMY.

PROF. H. V. EGBERT, A. M.,

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* (Wentworth), 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.—*Elementary Mechanics* (Dana). This subject is required of those who intend to elect Physics in the following term.

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

THIRD TERM.—*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.

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.

A change has been made in the study of expression which will take place at the beginning of the school year.

College rhetorical will be dispensed with and the time in the class room doubled, giving the opportunity of carrying the art of expression to greater perfection.

The work in the Freshman year will consist in training the voice and body so that the student may have ease of manner, freedom and poise of body, and may be able to direct his voice at will in expression.

For this purpose we shall introduce the Delsarte Plastic for the body and a regular program for voice work which will give to it agility, emission and resonance.

This will cover the time up to the point where elocution becomes elective.

The winter and spring terms of the Sophomore year are to be devoted to the study of rythm, melody, and harmony of voice, the art of phrasing, and the rendering of short selections.

The body-training will be cooperative, manifestive, and descriptive pantomime, and studying the relation between body and expression.

The Junior year will be given to the study of characterization,

the reading of one or more of Shakespeare's plays, or some other dramatic work.

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

Ample opportunities will be given the students to appear in public, in the Oratorical and Ashton prize contests and other college work, so that they may not only be well trained in voice and body, but may also acquire the higher art of controlling audiences.

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.

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 Arithmetic as far as Percentage, Grammar as far as Syntax, and 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.

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

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.

A special class in Latin for rapid work will be formed every winter term, to complete, in two terms, the regular work of the Junior year.

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.

Provision is made for instruction in English studies on the part of those not pursuing a regular course.

Special classes will be formed as follows: Fall Term, English Grammar; Physiology; U. S. History. Winter Term, English Grammar, and Analysis; Physiology; U. S. History; Percentage Arithmetic. Spring Term, Analysis; Physical Geography; Percentage Arithmetic; Completing Arithmetic.

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

FACULTY AND OFFICERS.

REV. ORELLO CONE, D. D.,

PRESIDENT.

JENNIE GIFFORD, A. M.,

PRINCIPAL,

Teacher of Science and School Management.

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.

LILLIE R. MOORE, A. B.,

Teacher of Greek and Latin.

CHARLES R. OLIN, B. S.,

SECRETARY.

PREPARATORY COURSE.

JUNIOR CLASS.

CLASSICAL.

FIRST TERM.

English.— } Composition.
 } Grammar and Analysis.

Latin.—Grammar and Lessons.

Mathematics.—Percentage Arithmetic.

SECOND TERM.

English.— } Composition.
 } Advanced Analysis.

Latin.—Grammar and Lessons.

Mathematics.—Completing Arithmetic.

THIRD TERM.

English.—Elementary Rhetoric.

History.—United States.

Latin.—Grammar and Cæsar.

PHILOSOPHICAL.

FIRST TERM.

English.— } Composition.
 } Grammar and Analysis.

Latin.—Grammar and Lessons.

Mathematics.—Percentage Arithmetic.

SECOND TERM.

English.— } Composition.
 } Advanced Analysis.

Latin.—Grammar and Lessons.

Mathematics.—Completing Arithmetic.

THIRD TERM.

English.—Elementary Rhetoric.

History.—United States.

Latin.—Grammar and Cæsar.

SCIENTIFIC.

FIRST TERM.

English.— } Composition.
 } Grammar and Analysis.

Latin.—Grammar and Lessons.

Mathematics.—Percentage Arithmetic.

SECOND TERM.

English.— } Composition.
 } Advanced Analysis.

Latin.—Grammar and Lessons.

Mathematics.—Completing Arithmetic.

THIRD TERM.

English.—Elementary Rhetoric.

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.

SCIENTIFIC.

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.

SCIENTIFIC.

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 and Analysis.
Book-keeping
School Management. { Methods in Common
Branches.
Psychology in its ap-
plication to Teach-
ing.
Elements of English Composition.

WINTER TERM.

Higher Arithmetic. { Evolution and Involu-
tion.
Mensuration.
Metric System.
Advanced Analysis.
Descriptive Geography. Review.
School Management—Philosophy of Teach-
ing.
Elements of English Composition.

SPRING TERM.

Physiology.
United States History.
School Management—History of Pedagogy,
Elementary Rhetoric.

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.

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

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. See page 42.

DEPARTMENT OF MUSIC.

INSTRUCTORS.

ANNIE A. BLACK,
Piano and Theory.

LOUISE VON FEILITZSCH,
Voice.

GUSTAV SIGEL,
Violin, Cello, Zither.

TEXT BOOKS.

PIANO.

Plaidy's Technical Studies.
Kohler, op. 249 and 50.
Czerny, op. 139 and 636.
Czerny, School of Velocity, op. 299.
Czerny, op. 740.
Heller, op. 16. 45, 46 and 47.
Doring, Octave Studies, op. 46 and 47.
Bach, Inventions (two and three voice).
Bach, Preludes and Fugues.
Moscheles, op. 70.
Cramer, Etudes (Revised by V. Bulow).
Jensen, Studies op. 17.
Clementi, Gradus ad Parnassum (Revised by Tausig).
Chopin, Etudes, op. 10 and 25.
Schumann, Etudes Symphoniques, op. 13.

THEORY OF MUSIC.

Richter, Harmony and History of Music.
Dr. Oscar Paul, Harmony.
Dr. Oscar Paul, History of Music.
Dr. S. Jadassohn, Harmony and Counterpoint.
Dr. S. Jadassohn, History of Musical Form.

PIANO.

The Musical Department of Buchtel College is prepared to present superior advantages of musical culture to all students of music. The study of piano-forte playing is one of the most important parts of a musical education, to the vocalist as well as to the student of string instruments, and for composition it is indispensable.

A good technique together with intellectual musical ideas form the foundation of good piano playing, the one without the other is faulty. Strict attention must be given to the formation of a smooth, sympathetic touch and good technique as well as to the careful development of deep musical sentiment. The same course of instruction is employed as in the European Conservatories.

Private as well as class lessons are given, class lessons being especially recommended to those wishing to make music teaching a profession.

Instruction in ensemble playing is an important feature of the course of study; to all piano students a course of Harmony is highly recommended.

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 instruction 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, 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 de-

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

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

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

Bock, Mae Cecilia *Philology* Akron.
Cone, Edwin Frank *Mod. Lang. Phys. Sci.* Akron.
Danglade, Ernest *Electricity and Philology* Vevay, Ind.

SENIOR 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.

Seniors 11.

JUNIOR CLASS.

COURSE.

Ackley, Wilber Walton S Haga.
Andrew, Vernon Robert S Medina.
Baldwin, William Benson C Akron.
Barnes, Alice S Kingston, N. M.
Cooke, Francis Marion C Bluffton.
Ferguson, Robert Graham S Willoughby.
Findley, Edwin Leigh C Akron.
Fries, George Frank S Norwalk.
Henry, Carl French S Geauga Lake.

Howe, William Woods C Boston, Mass.
 *Moore, John Clark PH Akron.
 Myers, Robert Augustus PH Uniontown.
 Osborn, Cora Bernice S Akron.
 Perry, Inez Laura PH Salesville.
 Pixley, Orla Calmer S West Richfield.
 Sisler, Jennie Lenore S Nimisila.
 *Tucker, Robert PH Millwood.

Juniors 17.

SOPHOMORE CLASS.

COURSE.

Barker, Myrtie C Peru.
 Cannon, Austin Victor S Jesse.
 Carter, Wilson Andrus PH Cuyahoga Falls.
 Chaney, Lizzie Josephine S Canal Winchester.
 *Clarke, Archie Barton S West Richfield.
 Claypole, Agnes Mary PH Akron.
 Claypole, Edith Jane PH Akron.
 Cole, James Ethan PH Norwalk.
 *Conkle, Edward Thompson S Akron.
 Gayer, William Charles PH Akron.
 Laughead, Katherine C Middleport.
 *Lybarger, Lee Francis S Mt. Vernon.
 Rankin, Irving Cornelius PH Akron.
 Reynolds, Joseph Jay S Le Roy.
 *Steves, May Emma S Clifton Springs, N. Y.
 Thomas, Anna Elizabeth C Akron.
 Thompson, Harlan Byron S W. Farmington.
 Wills, Bessie PH Akron.

Sophomores 18.

FRESHMAN CLASS.

COURSE.

Benson, Howard John C Akron.
 Bonsteel, Ray Livingstone PH Corry, Pa.
 Byggs, Clifford Lee S Sharon Center.
 Campbell, Bryant Downing S Willoughby.
 Campbell, James Jeremiah S Willoughby.
 Coffey, William Tatom S Marion, Ia.
 Cole, Edith Maora C Norwalk.

*Not in full class standing.

Dean, Eva Ellen S Storm Lake, Ia.
 DeForce, Clifton PH Corry, Pa.
 Dietzold, Mary Louise PH Akron.
 Druley, Bertha Matella PH Stafford, Conn.
 Eberhard, LeRoy Crockett C Akron.
 Fehr, Peter C Akron.
 Gayer, Mary Elizabeth PH Akron.
 Green, Isabella Moore C Akron.
 Gregory, Harry Bertell S Ashtabula.
 Hardin, Willet Lepley S South Warsaw.
 Holcomb, Orrin Grant S Cedar Rapids, Ia.
 Hollinger, Myrven John S Copley.
 Keller, Alvin S Attica.
 Knight, Mary Ethel PH Charleston, W. Va.
 Koenig, Charles William S St. Louis, Mo.
 Matthews, Avery Putnam S Jackson.
 Myers, Burton Dorr PH Attica.
 Olin, Abby Lena S Windsor.
 Osborn, Robert J. PH Corry.
 *Poehlman, Otillia S South Bend, Ind.
 Putnam, William Pitt S Rockland.
 Rogers, Edna Arline S Castalia.
 Seidman, Edward Samuel C Akron.
 *Sheak, Clara Ione S Rhinebeck, N. Y.
 Shipman, Charles Hiram C Akron.
 Simpson, John Hayward PH Attica.
 Slade, Alice Cary C Columbus.
 Spencer, John Alfred PH Akron.
 Spencer, William Arthur PH Akron.
 Warner, Lena Octavia C Morrison, Ill.
 Weeks, Charles Peter S Akron.
 Welsh, Frank Forest S Eaton.
 Wynn, Gertrude Ethylin S Bryan.

Freshmen 40.

SPECIAL STUDENTS.

Benedict, Charles Sumner Perry, N. Y.
 Bisbee, Addie Blanche Akron.
 Bloom, Grace New Paris.
 Bowers, Roy Edwin Akron.
 Bradley, Isabel Agnes Akron.
 Corson, Julia Folger Akron.

*Not in full class standing.

Crispin, Fannie Forrester	Akron.
Fell, Allen Mossman	Greenville, Pa.
Findley, Laura May	Akron.
Hamman, Adelaide L.	Akron.
Koch, Rosa	Akron.
MacGregor, Julia Hayden	Akron.
Madden, Victor Hugo	Cable.
Malony, Helen Mary	Kent.
McCue, Evelyn	Massillon.
McLean, Johnson Brown	West Alexandria.
Pixley, Chrysie Ione	Akron.
Stutzman, Ada Mary	Akron.
Taylor, Clayton Robbins	Bay City, Mich.
Typer, Helen May	Herington, Kan.
Watt, Hannah Elizabeth	Akron.
Wise, Harriet May	Akron.
Work, Bertram G.	Akron.

Special Students 23.

PREPARATORY DEPARTMENT

SENIOR CLASS.

COURSE.

Bargar, Maggie Elizabeth	C	Tracy.
Brown, Richard McClellan	C	Cincinnati.
Buchtel, Adda Marion	S	Columbus, Kan.
Carpenter, Alice	S	Coe Ridge.
Clarke, George Russell	C	Columbus, Pa.
Courtney, Alice Leta	S	Salem.
Day, Alice	PH	Mt. Carmel.
Eddy, John Whittemore	C	Bay City, Mich.
Findley, Samuel Emerson	C	Akron.
Foltz, Elbie Kean	C	Akron.
Gollmar, Arthur Howard	C	Baraboo, Wis.
Hart, Dana Hyde	PH	West Richfield.
Haynes, Dian May	C	Clifton, Kan.
Hensel, Clarence Wellington	C	Akron.
Herrick, Victor Marshall	S	Akron.
James, Joseph Hidy	S	Washington, C. H.
Jones, Rolland King	C	Akron.
Koontz, Russell Belden	S	Akron.
Le Fevre, Florence Fannette	C	Akron.
MacGregor, John	C	Akron.
Malony, Phebe	PH	Kent.
Mathew, Taca	C	Akron.
McCollum, George Henry	S	Bissell's.
Meridith, Charles Ralston	C	Fulton.
Merrill, Philip Stevens	C	Williamsport, Pa.
Mignin, Charles Frederic	S	Stryker.
Morgan, Alfred	S	Wilton, Conn.
Musson, Estella Frances	PH	Mogadore.
Parsons, William Edward	C	Akron.
Pease, Augustus	PH	Denver, Col.
Reynolds, Carl Ault	S	Medina.
Saxe, Lula Harriet	S	Akron.
Seidman, Arthur	C	Akron.
Shipman, Leon Emmet	PH	Akron.
Stanley, Margaret Esther	PH	Lower Salem.
Taber, Gertrude	PH	Akron.
Teepie, Arthur Rowe	S	Akron.

Thomas, John Lewis S Akron.
 Work, Effie Aurelia PH Akron.
 Worthington, Alma S Plain City.
 Worthington, Alta PH Plain City.

MIDDLE CLASS.

COURSE.

Alexander, Joseph Jefferson . . . C Akron.
 Baker, Mary Elizabeth PH Johnson's Creek, N. Y.
 Beach, Florida Clifton C Pittsburgh, Pa.
 Brewster, Martha Valena PH Akron.
 Brown, Edward William S Peninsula.
 Brown, Guy S Chagrin Falls.
 Brubacher, Bird May S Storm Lake, Iowa.
 Cable, Harry Clendenen S Pt. Pleasant, W. Va.
 Cannon, Carrie Wells S Jesse.
 Chapman, Charles Arthur S Akron.
 Cook, Abraham Paul C Louisa, Ky.
 Daugherty, Harry Arthur C Akron.
 Fisher, Frank Talbot PH Akron.
 Foltz, Esgar Bowen C Akron.
 Gorton, Rosalind Julia S Luzerne, Mich.
 Green, William Adams S Akron.
 Hardin, Eli Boyer S South Warsaw.
 Hershey, Ottis Rice PH Ghent.
 Huber, Cora May S Akron.
 Iredell, Mary Elizabeth S Akron.
 Jacobs, Charles Dickens S Lima.
 James, Mary Louisa PH Washington, C. H.
 Jones, Clifford Ernest S Ravenna.
 Lukesh, George Martin C Akron.
 Parker, Lulu Elizabeth PH Akron.
 Pease, Thomas C Canon City, Col.
 Plum, Samuel Anson S Aurora Station.
 Putt, Wilson A. S Akron.
 Reninger, Charles E. C Akron.
 Shouler, William Matthew C Akron.
 Skinner, Clara PH Middleport.
 Stockman, Avah Maud PH Aspen, Col.
 Stowe, Frank Horatio S Girard, Pa.
 Thompson, James Guy S West Farmington.
 Thornton, Charles Arthur PH Akron.

Thursby, Dennis David S Inland.
 Tracy, James Rightmire S Millwood.
 Voss, Mary Ida PH Akron.
 Walker, Elizabeth May PH North Springfied.
 Wall, Alice C Akron.
 Worthington, Libbie PH Plain City.
 Wright, Alice Graves PH Akron.

JUNIOR CLASS.

Breslin, May Lue Akron.
 Case, Charles Francis Akron.
 Gorge, Maurice Walter Charleston, W. Va.
 Grable, Bessie Mabel Inland.
 Hamlin, Harry Anson Akron.
 Hamlin, Roy Horace Akron.
 Harrod, Hugh Leslie Lima.
 Howe, Abbey Bell Ira.
 James, Maggie Leylla Washington C. H.
 Madden, Benjamin Cable.
 McMullen, James Henry Charleston, S. C.
 Snow, Glenn John Auburn.
 Theiss, Tillie Akron.
 Thomas, Sarah Eugenia Akron.
 Vandersall, William Austin Akron.
 Wylie, John Miller Akron.

NORMAL STUDENTS.

SECOND YEAR.

Kinch, Nell Grangerburgh.
 Neubauer, Cora Minerva Akron.
 Sorrick, Cora Jennie Akron.
 Vitru, Edith Nellie Akron.

FIRST YEAR.

Bowen, Eva Helen Hudson.
 Davison, Mary Ella Akron.
 Evans, Sarah Ann Summit P. O.
 Hardy, Mertie Ione Akron.
 Kennedy, Herbert Willis North Olmsted.
 Koontz, Alice Gertrude Akron.
 McKnight, Alvin Charles North Springfield.
 McMillan, Nellie Montrose.
 Mishler, Gust Mogadore.

Motz, Carrie Eva	Akron.
Pfaff, Phebe Maria	Whipple.
Rhodes, Clara May	Clinton.
Smetts, Jessie May	Akron.
Swigart, Lura Ann	Akron.
Thursby, Newton Norman	Inland.
Viering, Cora Lizzie	Akron.
Watters, William James	Akron.

UNCLASSIFIED STUDENTS.

Cobb, Edward Wager	Akron.
Cobb, Frederick Charles	Akron.
Durand, Lottie A.	Akron.
Falor, Oliver Fonrose	Akron.
Haverstick, Elmer	Boardman.
Henry, Myra Laurinda	Geauga Lake.
Huston, Ford Weston	Akron.
Jackson, Annie Laurie	Akron.
Jacobs, James Abraham	South Warsaw.
Joy, Oliver	Akron.
Kelso, James Beacom	Moravia, Pa.
Kolbe, Karl Henry	Akron.
McFarlin, Anna May	Akron.
Motz, Charles Augustus	Akron.
Moyer, John	Lake.
Post, Cleon Chamberlain	Chagrin Falls.
Rhodenbaugh, Bert Osborn	Thomastown.
Shoemaker, Dell W.	Akron.
Sparhawk, Arthur Henry	Akron.
Swartz, John Christy	New Portage.
Tarbell, Mamie May	Akron.
Thorndyke, Grant Hanford	Cuyahoga Falls.
Trieschmann, Albert J. H.	Kelley's Island.
Tritt, Isaac Milo	Brittain.
Underhill, Clarence A.	Akron.
Walkup, William Edward	Akron.

SUMMARY OF STUDENTS.

COLLEGIATE DEPARTMENT.

Graduate Students.....	3
Senior Class.....	11
Junior ".....	17
Sophomore ".....	18
Freshman ".....	40
Special Students.....	23

Graduate Students.....	3
Classical ".....	17
Philosophical ".....	24
Scientific ".....	45
Special ".....	23

Gentlemen.....	69
Ladies.....	43

PREPARATORY DEPARTMENT.

Senior Class.....	41
Middle ".....	42
Junior ".....	16
Normal Students.....	21
Unclassified.....	26

Gentlemen.....	86
Ladies.....	60

MUSICAL DEPARTMENT.

Total Number for the Year. 87

PAINTING AND DRAWING DEPARTMENT.

Total Number for the Year. 40

RECAPITULATION.

Collegiate Students.....	112
Preparatory "	146
Music "	87
Painting and Drawing Students.....	40
Gentlemen—Collegiate and Preparatory.....	155
Ladies—Collegiate and Preparatory.....	103
Total Attendance in Collegiate and Preparatory Departments...	258
Number in Music and Painting, exclusive of Collegiate and Preparatory Students.....	103
Total attendance in all Departments.....	361

GRADUATING CLASS.

1890.

NAME.	COURSE.	RESIDENCE.
Bonner, Edwin Percy	S	London.
Coit, Arthur Clinton	S	Mantua Station.
McGillicuddy, Kate Leora	O	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.

DEGREES CONFERRED.

COMMENCEMENT 1889.

GRADUATES.

BACHELOR OF ARTS.

Cone, Edwin Frank Akron.
Holcomb, Willard Alexis Jackson.
Matthews, Gertrude Helen Jackson.
McIntosh, Emily Louise Akron.

BACHELOR OF PHILOSOPHY.

Barnet, Bertha Blehmer Eaton.

BACHELOR OF SCIENCE.

Briggs, Herbert Bruce Sharon Center.
Danglade, Ernest Vevay, Ind.
Harris, Madge Putnam Fostoria.
Palmer, Joseph Asa. Akron.

IN COURSE.

MASTER OF PHILOSOPHY.

Page, Ernest Clifford Omaha, Neb.

MASTER OF SCIENCE.

Pardee, James Douglass Akron.

PRIZES.

I.—For excellence in scholarship. Provided by the Alumni Prize Fund.

1. In the Senior Preparatory Class to Chas. H. Shipman.
2. In the Freshman Class to Lizzie J. Chaney.

II.—For excellence in declamation.

1. The O. C. Ashton Prizes:

a. In the Senior class, first prize to J. A. Palmer; second prize to Emily L. McIntosh.

b. In the Junior Class, first prize to Kate L. McGillicuddy; second prize to A. J. Rowley.

2. Given by J. H. Pendleton to members of the Freshman Class. First prize to Edith M. Cole; second prize to Alice C. Slade.

III.—The J. H. Pendleton Law Prizes to members of the Senior law class. First prize, to Eugene Ransom; second prize, to A. C. Coit; for essays on the subject, "The government of the U. S. as compared with that of the several states."

ASSOCIATION OF THE ALUMNI.

OFFICERS.

President, James Ford, '86.
Vice President, Belle Slade, '86.
Secretary, Minnie Wright, '82.
Treasurer, James D. Olin, '87.

APPOINTMENTS FOR ALUMNI PUBLIC EXERCISES.

Orator, Edwin F. Voris, '75.
Poet, Mollie L. Jones, '82.
Historian, James D. Pardee, '86.

DONATIONS AND IMPROVEMENTS.

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

The legacy from the late Rev. William H. Ryder, D. D., of Chicago, Ill., estimated in the catalogue of 1889 at \$20,000, will, according to the latest information, very nearly reach the sum of \$30,000.

In June 1889 Ferdinand Schumacher, of Akron, O., gave \$1,000 to the Library Fund.

Joy H. Pendleton, of Akron, O., in June 1889, gave \$1,000 to encourage the study of Law and Civil Government at the College. This sum is given to perpetually endow two annual prizes in the Law Class, and is more fully explained in another part of this catalogue.

Considerable addition has been made during the year to the museum. The Entomological collection has been rearranged in new cases. The Herbarium has been increased by a number of plants obtained from various sources, and the Geological Cabinet by numerous specimens both mineral and fossil. Thanks are due in regard to these improvements to Mr. Thos. Rhodes, of Akron, for dried plants from Alaska and Western States; to C. S. Cobbs, Esq., of Akron, for a fine sample of Gilsonite from Utah; to the Rev. G. S. Abbott, of Akron, for a stuffed specimen of the Loon; to Mr. B. F. Goode, of Columbus, for a box containing some gold ores; to R. D. Lacoë, Esq., of Pittsburg, Pa., for a box of minerals, and to the Messrs. Thomas, of Cuyahoga Falls, for numerous fossils from the coal-beds.