

·CATALOGUE·

OF

BUCHTEL COLLEGE

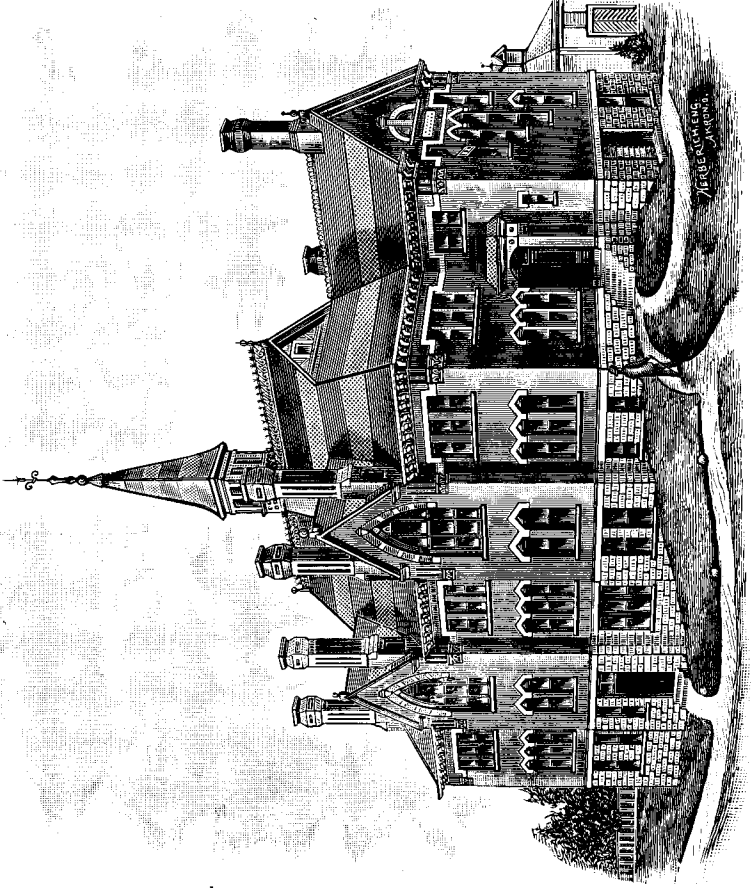
AKRON, OHIO.



= 1891 =







CROUSE GYMNASIUM.

CATALOGUE

OF

BUCHTEL COLLEGE

AKRON, OHIO.

COLLEGIATE DEPARTMENT.

PREPARATORY DEPARTMENT.

1890-91.

The Werner Ptg. & Litho. Co., Akron, O.

1891.

“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.

1891.

SPRING TERM.

Saturday, June 6.—Senior Vacation begins.
Saturday, June 20, 8 P. M.—Senior Preparatory Exercises.
Sunday, June 21.—Baccalaureate Sermon.
Monday, June 22, 8 P. M.—Ashton Prize Speaking, Sophomore Class.
Tuesday, June 23, 2 P. M.—Annual Meeting of the Alumni Association.
Tuesday, June 23, 8 P. M.—Address before the Alumni Association.
Wednesday, June 24, 9 A. M.—Examinations for Admission.
Wednesday, June 24.—Annual Meeting of the Board of Trustees.
Wednesday, June 24, 8 P. M.—Annual Address.
Thursday, June 25, 10 A. M.—Graduating Exercises.

FALL TERM.

Tuesday, September 15.—Registration and Entrance Examinations.
Wednesday, September 16.—Instruction begins.
Friday, December 11, 8 P. M.—Ashton Prize Speaking, Senior Class.
Thursday, December 17.—Fall Term ends.

1892.

WINTER TERM.

Tuesday, January 5.—Registration and Entrance Examinations.
Wednesday, January 6.—Instruction begins.
Monday, January 18.—Founder's Day.
Friday, February 26, 8 P. M.—Ashton Prize Speaking, Sophomore Class.
Friday, March 18, 7:30 P. M.—Junior Exhibition.
Thursday, March 24.—Winter Term ends.

SPRING TERM.

Tuesday, March 29.—Registration and Entrance Examinations.
Wednesday, March 30.—Instruction begins.
Saturday, June 4.—Senior Vacation begins.
Sunday, June 19, to Thursday, June 23.—Commencement Exercises.
Monday, June 20, 8 P. M.—Ashton Prize Speaking, Junior Class.
Thursday, June 23.—Graduating Exercises.

FALL TERM.

Tuesday, September 13.—Registration and Entrance Examinations.
Wednesday, September 14.—Instruction begins.
Friday, December 9, 8 P. M.—Ashton Prize Speaking, Senior Class.
Thursday, December 15.—Fall Term ends.

BOARD OF TRUSTEES.

HON. JOHN R. BUCHEL	AKRON	1891
JUDGE EDWIN P. GREEN	AKRON	1891
COL. GEORGE T. PERKINS	AKRON	1891
HENRY BOSZAR	BRIMFIELD	1891
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JUDGE A. C. VORIS	AKRON	1893

OFFICERS OF THE BOARD.

HON. J. R. BUCHEL, AKRON,
PRESIDENT.

ALBERT B. TINKER, AKRON,
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PRESIDENT,

Messenger-Professor of Mental and Moral Philosophy.

506 Buchtel Avenue. (President's House).

CHARLES M. KNIGHT, A. M.,

Buchtel-Professor of Physics and Chemistry.

219 S. Union Street.

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Hilton-Professor of Modern Languages.

527 Buchtel Avenue.

WILLIAM D. SHIPMAN, A. M.,

Professor of the Greek Language and Literature,
and Philological Science.

231 S. Union Street.

CHARLES C. BATES, A. M.,

Professor of the Latin Language and Literature,
and Secretary of the Faculty.

East Hall.

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Professor of Natural Science.

603 Buchtel Avenue.

MARY B. JEWETT, A. B.,

Pierce-Professor of English Literature and Logic.

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,
and Librarian.
503 Spicer Street.

ALBERT B. TINKER, M. S., LL. B.,
Instructor in Law.
[Fall Term].
511 Spicer Street.

FREDERICK C. BRYAN, A. B., LL. B.,
Instructor in Law.
[Winter and Spring Terms].
415 Perkins Street.

CECIL HARPER, A. M.,
Instructor in Rhetoric and Oratory.
155 S. Summit Street.

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

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

MARY E. STOCKMAN, L. A.,
Teacher of English and Latin.
107 S. Union Street.

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

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

ERNEST DANGLADE, B. S.,
Assistant in Chemistry.
538 Buchtel Avenue.

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

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Teacher of Vocal Music.

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

BOLTON COIT BROWN, M. P.,
Teacher of Painting and Drawing.
115 N. Forge Street.

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ALBERT A. KOHLER, A. B., M. D.,
Director and Examiner for Men.

LILLIE R. MOORE, A. B.,
Instructor for Women.

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 English Literature and Logic 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.
*Miss Betsy Thomas	Irwin.
*John Perdue	Lafayette, Ind.
Eli M. Kennedy	Higginsville, Mo.
John K. Smith	Ravenna.
N. S. Olin	Streetsboro.
*John B. Smith	Urbana.
*Mrs Candia Palmer	Painesville.
*Geo. W. Steele	Painesville.
*Mrs. George W. Steele	Painesville.
Mrs. Betsy Dodge	McConnellsville.
Brice Hilton	Defiance.
John Loudenback	Millerstown.
*Joseph Espy	Kenton.
*Joseph Hidy, Sr.	Jeffersonville.
*Rev. H. P. and *Mrs. D. E. Sage	Rochester.
*Mrs. Henry Boszar	Kent.
*E. F. Loudenback	Westville.
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*Isaac and Lovina Kelly	Mill Village, Pa.
S. T. and S. A. Moon	Cuba.
*George Thomas	Greenwich.
Mrs. E. W. Terrill	Jeffersonville.
*Mrs. John H. Hilton	Akron.
‡Mrs. Charlotte Robson	Newport, Ky.
*Samuel Birdsell	Peru.
*Mrs. Louisa E. Forbes	Port Washington.
*Samuel Grandin	Tidioute, Pa.
N. B. and A. E. Johnson	Mingo.
Lloyd Nichols	Walhounding.
*Henry Ainsworth (10)	Lodi.
Lydia A. Drake	Norwood.
Miss Anna A. Johnson	Bay City, Mich.
Mr. and Mrs. John Miller	Edgerton.
John P. Chapin	New Philadelphia.
Christian Swank	Sheldon, Ind.
Mrs. S. O. Acomb	Tidioute, Pa.

These scholarships are intended to aid worthy and deserving students.

*Deceased.

†In honor of her father, Eliphas Burnham.

‡In memory of her deceased husband, William Robson.

GENERAL INFORMATION.

BUCHTEL COLLEGE was founded in 1870, and took its name from its most generous benefactor, Hon. J. R. Buchtel, who has consecrated his life and wealth to its support. It was chartered by the Ohio Legislature in the same year as a College of Liberal Arts and Letters, and first opened its doors for the admission of students in September, 1872. It is designed to secure the highest grade of Classical, Scientific, and Literary culture known to American Colleges.

LOCATION.

Buchtel College is located in Akron, Summit County, Ohio. This city, with a population of about 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; Pittsburgh & Western; Pittsburgh, Akron & Western; Akron & Chicago Junction (B. & O.) Railways, and having direct connection with all parts of the country.

COLLEGIATE DEPARTMENT.

The curriculum embraces:

FIRST: A Classical Course.

SECOND: A Philosophical Course.

THIRD: A Scientific Course.

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

PREPARATORY DEPARTMENT.

In connection with the College proper, the Trustees have established a Preparatory School, in which students are thoroughly fitted for the college classes. The course is full and practical, consisting of the studies usually found in High Schools and Academies.

NORMAL WORK.

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

MUSIC.

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

ART.

Buchtel College offers excellent advantages for the study of Art.

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, dropping a time ball, correcting a system of controlled clocks, and giving time to jewelers and others.

Chronograph by Fauth & Co.

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

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

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

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

CABINET OF NATURAL HISTORY.

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

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

LIBRARY AND READING ROOM.

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

In connection with the Library is the Reading Room. It is free to the use of all students, and is considered an important part of the opportunities offered for education. The subscription list embraces ninety-eight periodicals, distributed as follows:

twenty-four upon literary and educational subjects ; twenty-four upon Natural and Physical Science ; seven upon Mathematics and Astronomy; eleven upon theological subjects; three on Political Science and Law; three on Philology; four daily newspapers ; twelve weekly and two semi-weekly newspapers; eight 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.

The Master's Degree will be conferred only for special work in any two departments, on which examinations will be required.

Graduates in any course desiring to receive this Degree, may make application to the Professors in any two departments for an indication of the work that will be required.

Candidates for this Degree must present themselves for examination, and pay a fee of ten dollars not later than the Monday before 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 \$2.50 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 at stated times during the year.

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.

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., Ph. D.,
Hilton-Professor of Modern Languages.

WILLIAM D. SHIPMAN, A. M.,
Professor of the Greek Language and Literature,
and Philological Science.

CHARLES C. BATES, A. M.,
Professor of the Latin Language and Literature,
and Secretary of the Faculty.

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

MARY B. JEWETT, A. B.,
Pierce-Professor of English Literature and Logic.

HERMAS V. EGBERT, A. M.,
Ainsworth-Professor of Mathematics and Astronomy.

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

ALBERT B. TINKER, M. S., LL. B.,
Instructor in Law.
[Fall Term].

FREDERICK C. BRYAN, A. B., LL. B.,
Instructor in Law.
[Winter and Spring Terms].

DORA E. MERRILL,
Instructor in English History.

CECIL HARPER, A. M.,
Instructor in Rhetoric and Oratory.

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.

Buchtel College stands in line with the most progressive educators and colleges in the country in presenting very extensive elective courses.

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 highly 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.

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

CLASSICAL COURSE.

GREEK.—Grammar, (Goodwin or Allen-Hadley); three books of the Anabasis; Prose Composition, as found in Jones' Exercises; Greek History, as found in Pennell.

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.

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.

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.

SPECIAL STUDENTS.

All students are advised to pursue a regular course of study, even if it cannot be completed. Those students, however, who do not desire to study for a degree, may obtain permission by petition to the Faculty, to select such branches and special lines of study as they may be found fitted to pursue. Such irregular students admitted to college classes must be sufficiently advanced to have substantially completed a High School or College Preparatory course of study.

Thus an opportunity is offered to a considerable number of young people who do not wish to spend time for a full course, but who desire some college work. Those preparing to teach, those fitting for business, or those who intend to give time to music or art, are especially thus accommodated. Such students will also find themselves proportionally advanced, should they later decide to take a regular course.

On the completion of their studies such students will receive a certificate stating what work has been done.

COURSES OF STUDY.

FRESHMAN CLASS.

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CLASSICAL.

FIRST TERM.

- **English.*—Rhetoric: Compositions; Oratory: Voice, Body, Expression.
- †*Greek.*—Memorabilia: Prose Composition.
- †*Latin.*—Livy; Prose Composition.
- †*Mathematics.*—Geometry (Review); Algebra.
- †*Natural Science.*—Elementary Zoology.

SECOND TERM.

- †*English.*—Rhetoric: Compositions; Oratory: Voice, Body, Expression.
- †*Greek.*—Homer's Iliad; Greek Literature.
- †*Latin.*—Livy; Cicero de Amicitia; Prose Composition.
- †*Mathematics.*—Advanced Algebra.

THIRD TERM.

- **English.*—Rhetoric: Compositions; Oratory: 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: Compositions; Oratory: Voice, Body, Expression.
- †*German.*—Joynes-Meissner's Grammar, Exercises; Joynes' Reader.
- †*Latin.*—Livy; Prose Composition.
- †*Mathematics.*—Geometry (Review); Algebra.
- †*Natural Science.*—Elementary Zoology.

SECOND TERM.

- †*English.*—Rhetoric: Compositions; Oratory: Voice, Body, Expression.
- †*German.*—Joynes-Meissner's Grammar, Exercises; Joynes' Reader.
- †*Latin.*—Livy; Cicero de Amicitia; Prose Composition.
- †*Mathematics.*—Advanced Algebra.

THIRD TERM.

- **English.*—Rhetoric: Compositions; Oratory: Voice, Body, Expression.
- †*German.*—Joynes-Meissner's Grammar, Exercises; Das Wirthshaus zu Cransac, Zschokke.
- †*Latin.*—Horace's Odes, Metres; Prose Composition.
- †*Mathematics.*—Plane Trigonometry.
- †*Natural Science.*—Elementary Botany.

SCIENTIFIC.

FIRST TERM.

- **English.*—Rhetoric: Compositions; Oratory: Voice, Body, Expression.
- †*German.*—Joynes-Meissner's Grammar, Exercises; Joynes' Reader.
- †*History.*—English People.
- †*Mathematics.*—Geometry (Review); Algebra.
- †*Natural Science.*—Elementary Zoology.

SECOND TERM.

- †*English.*—Rhetoric: Compositions; Oratory: Voice, Body, Expression.
- †*German.*—Joynes-Meissner's Grammar, Exercises; Joynes' Reader.
- †*History.*—English People.
- †*Mathematics.*—Advanced Algebra.

THIRD TERM.

- **English.*—Rhetoric: Compositions; Oratory: Voice, Body, Expression.
- †*German.*—Joynes-Meissner's Grammar, Exercises; Das Wirthshaus zu Cransac, Zschokke.
- †*History.*—English People.
- †*Mathematics.*—Plane Trigonometry.
- †*Natural Science.*—Elementary Botany.

CLASSICAL.

FIRST TERM.

**English.*—Rhetoric: Advanced Compositions; Oratory: Voice, Body, Characterization.
 †*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: Advanced Compositions; Oratory: Voice, Body, Characterization.
Greek.—Aeschylus: Prometheus Bound; 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: Advanced Compositions; Oratory: Voice, Body, Characterization.

Greek.—Euripides: Medea or Bacchantes; 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.

*Two hours per week.

†Three hours per week.

‡Four hours per week.

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

PHILOSOPHICAL.

FIRST TERM.

**English.*—Rhetoric: Advanced Compositions; Oratory: Voice, Body, Characterization.
 †*German.*—Maria Stuart, Schiller; English into German; Written Grammar Review.
 ‡*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: Advanced Compositions; Oratory: Voice, Body, Characterization.

German.—Sesenheim (Goethe's "Dichtung und Wahrheit"); English into German; Written Grammar Review.

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: Advanced Compositions; Oratory: Voice, Body, Characterization.

German.—Hermann und Dorothea, Goethe; 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: Advanced Compositions; Oratory: Voice, Body, Characterization.
 †*German.*—Maria Stuart, Schiller; English into German; Written Grammar Review.
 ‡*Literature.*—British and American Orators.
 †*Mathematics.*—Analytical Geometry.
 ‡*Physical Science.*—Chemistry, with Laboratory Practice.

Studies elective from this point. See page 23.

SECOND TERM.

English.—Rhetoric: Advanced Compositions; Oratory: Voice, Body, Characterization.

German.—Sesenheim (Goethe's "Dichtung und Wahrheit"); English into German; Written Grammar Review.

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: Advanced Compositions; Oratory: Voice, Body, Characterization.

German.—Hermann und Dorothea, Goethe; 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.

JUNIOR CLASS.

CLASSICAL.

FIRST TERM.

German.—Grammar, Exercises; Joynes' Reader.
Greek.—Oratory; Demosthenes.
Latin.—Plautus' Mostellaria and Captivi; Terence's Andria and Adelphi.
Literature.—American Authors.
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: Themes with discussions; Oratory: Voice, Body, Characterization.
German.—Grammar, Exercises; Joynes' Reader.
Greek.—Aristophanes, or Isocrates.
Latin.—Juvenal and Persius.
Logic.—Deductive.
Mathematics.—Spherical Trigonometry.
Philology.—Philosophy of Language; Exercises.
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
English.—Rhetoric: Themes with discussions; Oratory: Voice, Body, Characterization.
German.—Grammar, Exercises; Das Wirthshaus zu Cransac, Zschokke.
Greek.—Pindar's Odes, or Drama to be selected.
Latin.—Pliny's Letters and Seneca's Moral Essays.
Logic.—Inductive.
Philology.—Scientific Basis of English, and Original 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.
Literature.—American Authors.
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: Themes with discussions; Oratory: Voice, Body, Characterization.
German.—Die Deutschen im Staate New York, Fr. Kapp; German Essays; History of German Literature.
Latin.—Juvenal and Persius.
Logic.—Deductive.
Mathematics.—Spherical Trigonometry.
Philology.—Philosophy of Language; Exercises.
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
English.—Rhetoric: Themes with discussions; Oratory: Voice, Body, Characterization.
German.—Faust, Goethe; German Essays; History of German Literature.
Latin.—Pliny's Letters and Seneca's Moral Essays.
Logic.—Inductive.
Philology.—Scientific Basis of English, and Original 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.

Literature.—American Authors.
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: Themes with discussions; Oratory: Voice, Body, Characterization.
German.—Die Deutschen im Staate New York, Fr. Kapp; German Essays; History of German Literature.
Logic.—Deductive.
Mathematics.—Spherical Trigonometry.
Philology.—Philosophy of Language; Exercises.
Philosophy.—Psychology.
Physical Science.—Pneumatics and Sound.

THIRD TERM.

Astronomy.—Descriptive.
English.—Rhetoric: Themes with discussions; Oratory: Voice, Body, Characterization.
German.—Faust, Goethe; German Essays; History of German Literature.

Logic.—Inductive.
Philology.—Scientific Basis of English, and Original Work.
Philosophy.—Psychology.
Physical Science.— { 1. Light and Photography.
 2. Chemical Analysis.

CLASSICAL.

FIRST TERM.

Astronomy.—Practical and Spherical.
English.—Rhetoric: Oratorical Compositions; Oratory: Voice, Body, Extemporaneous Speech.
French.—Grammar, Exercises; Reader.
German.—Maria Stuart, Schiller; English into German; Written Grammar Review.
Greek.—The 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.—Sesenheim (Goethe's "Dichtung und Wahrheit"); English into German; Written Grammar Review.
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.—Hermann und Dorothea, Goethe; English into German; History of German Literature.
Greek.—New Testament.
Latin.—Cicero: De Natura Deorum; 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.
English.—Rhetoric: Oratorical Compositions; Oratory: Voice, Body, Extemporaneous Speech.
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.—Cicero: De Natura Deorum; 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.
English.—Rhetoric: Oratorical Compositions; Oratory: Voice, Body, Extemporaneous Speech.
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 Mechanics.

MODERN LANGUAGES.

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

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 may 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 through 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 the peculiarities of dialect, the most important manuscripts 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. This work is supplemented by lectures.

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 occupied with a general survey of the nature and science of language, with a few special exercises; the second, with the historical and philosophical aspects of the subject, with more outside work; while the third term is devoted to a consideration of the scientific basis of the English Language, both historical and comparative. This includes the elements of Anglo-Saxon Grammar, the causes of the loss of our inflections, dialectic peculiarities, spelling reform, and the like. Some original work is also done.

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 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.

For the successful study of the higher branches, the Compound Microscope is essential, and familiarity with the use of this instrument may be attained in the Sophomore Class, in Vegetable Physiology and Histology.

Acquaintance with the instrument itself, and with the method of microscopical work and manipulation, are required as a condition for entrance to the subject of Biology or Anatomy.

Means of instruction in this department are yearly improving, and a considerable addition to the microscopical outfit has been made during the past year by the liberality of the Trustees.

The collections, both general and local, have been also increased and improved for teaching purposes.

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.

ENGLISH LITERATURE.

PROF. MARY B. JEWETT, A. B.

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

term of the Junior year, the History of American Literature is taught by means of lectures and readings from our best American authors.

No literature text-books are used except the works of the authors themselves, which, as far as possible, are put into the hands of the students. The library is well supplied with the best works upon biography and criticism, and constant reference is made to these authorities. A course of reading, to accompany this study, is marked out by means of library topic books.

In the Senior year, the Classical Authors of the English language, Shakespeare, Chaucer, Milton and Spenser, are studied. 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 last two terms of the course are devoted to the study of Shakespeare and the history of the English Drama.

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. Theses are required throughout the course upon various topics connected with the study. 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 second and third terms 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, Jevons, 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, including the use of logarithms in computation.

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. The calculus in this and the following term is required for the Higher Mathematics of the Senior class.

Theory of Equations.

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

Surveying (Wentworth), 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 and Astronomy in the following terms.

SECOND TERM.—Spherical Trigonometry (Chauvenet). This is intended as a preparation for the Spherical and Practical Astronomy of the next year. In connection with the Spherical Trigonometry, special attention will be given to practical operations in logarithmic computation.

THIRD TERM.—Astronomy (Young), descriptive. For the pursuit of this subject the Mathematics up to the elective point and the Elementary Mechanics are required.

SENIOR CLASS.

FIRST TERM.—Spherical and Practical Astronomy (Doolittle). The celestial sphere, transformation of coordinates, parallax, refraction, time and the transit instrument, including the discussion and determination of its constants. Determination of time and other problems will be assigned to the student, which he will work out for himself in the observatory.

Higher Mathematics, Analytic Mechanics (Bowser). For this subject the full work in calculus is required.

SECOND TERM.—Spherical and Practical Astronomy (Doolittle). The zenith telescope, its theory and the method of determining latitude. Least squares (Comstock). Observatory work.

Higher Mathematics, Analytic Mechanics (Bowser). Calculus required as before.

THIRD TERM.—Spherical and Practical Astronomy (Doolittle). The sextant, its theory and the methods of its use in determining latitude and time. Observatory work.

Higher Mathematics, Analytic Mechanics (Bowser). For this calculus is required.

In the work in Practical Astronomy the methods of work used will be those used in the large observatories.

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.

[Fall Term.]

FREDERICK C. BRYAN, A. B., LL. B.

[Winter and Spring Terms.]

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.

RHETORIC AND ORATORY.

CECIL HARPER, A. M.

The method of instruction followed in this department is that of the Emerson College of Oratory, Boston, and is based on recognized principles of physiology and psychology. The aim is to develop not merely brilliant writers and speakers, but a noble manhood as constituting the basis of all permanently successful literary achievement. This is accomplished by the education of the dominant centres,—quicken the vital powers, deepening the emotions, strengthening the will, and inspiring the intellect in its quest of truth.

With the exception of a single term, the work is continuous from matriculation to the second term of the Senior year. While no attempt is made to finish public readers or teachers of oratory, yet sufficient work is offered to enable a diligent student to complete a professional course after one year of post-graduate study. The instruction is of the most practical kind, strengthening the pupil's individuality at every step and giving him constantly increasing control over his audience and over himself. It embraces the following subjects:

I. **PHYSICAL CULTURE.** By this we mean the cultivation and refinement of the entire body by training it to express the emotions and purposes of the soul. The daily exercises develop every muscle in the body, give tone to the nervous system and vital organs, cultivate grace, and render every part so responsive to the mind that mechanical gesture becomes an impossibility. To neglect such a course of training is to live beneath our privilege and close many avenues of usefulness.

II. **VOICE CULTURE.** The first and most important step in voice culture is *direction* of tone, and the great want is such a

system of instruction as will enable all persons to attain the desired result whether possessing a musical ear or not. The system employed, while exceedingly simple, will effectually free the voice from all harshness and impurity and render it perfectly responsive to the mental concept. The exercises are also a positive cure for all injuries resulting from a misuse of the voice.

III. RHETORIC. In teaching the art of writing, mere book knowledge is of little service. The pupil is first taught to observe men and things, then to record the result of his observation. In a series of progressive steps, this original work is continued throughout the course. The productions of the pupils are read before the class and criticized by the instructor publicly on the great laws which underlie all literature, and privately as to the use of language. This mode of teaching, while demanding much additional work from the professor, nevertheless, guarantees to the pupil originality of thought and rapid progress in literary composition.

IV. ORATORY. Delivery is taught exclusively from the mind side. All imitative and mechanical methods are discarded and the pupil trained from the beginning to a self-reliant use of his own powers. Oratory being essentially a social matter, the class naturally constitutes an audience for each speaker in turn. Further opportunities for public speaking are afforded in the Oratorical and Ashton prize contests.

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; Completing Arithmetic; Percentage Arithmetic. Spring Term, Analysis; Physical Geography; Percentage Arithmetic; U. S. History.

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,
and Secretary.

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

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

JUNIOR CLASS.

—45—

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.

History.—United States.

THIRD TERM.

English.—Elementary Rhetoric.

Mathematics.—Completing Arithmetic.

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.

History.—United States.

THIRD TERM.

English.—Elementary Rhetoric.

Mathematics.—Completing Arithmetic.

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.

History.—United States.

THIRD TERM.

English.—Elementary Rhetoric.

Mathematics.—Completing Arithmetic.

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.

Natural Science.—Physiology.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

THIRD TERM.

English.—Civil Government.

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.

Natural Science.—Physiology.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

THIRD TERM.

English.—Civil Government.

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

WINTER TERM.

Advanced Analysis.
 Descriptive Geography, Review.
 School Management—Philosophy of Teaching.
 Elements of English Composition.
 United States History.

SPRING TERM.

Civil Government.
 Higher Arithmetic. { Evolution and Involution.
 Mensuration.
 Metric System.
 School Management—History of Pedagogy.
 Elementary Rhetoric.

SECOND YEAR.

FALL TERM.

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

WINTER TERM.

Algebra.
 Drawing.
 Natural Philosophy.
 General History.
 Physiology.

SPRING TERM.

Algebra.
 General History.
 General Review of Grammar and Arith-
 metic.
 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. For an understanding of the opportunities thus opened, see the various courses of study and statements on pages 25 and 43.

MUSIC.

INSTRUCTORS.

ANNIE A. BLACK,
Piano and Theory.

LOUISE VON FEILITZSCH,
Voice.

GUSTAV SIGEL,
Violin, Cello, Zither.

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 æsthetics 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 devoted to obtaining a careful, gradual, and natural growth of the voice, without strain or undue forcing, and to building up and strengthening the physical condition of pupils, in connection with their vocal culture, and as an indispensable adjunct to it.

The 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.

ART.

Mr. Bolton Coit Brown, M. P., of the College of Fine Arts of Syracuse University, an experienced teacher, has charge of this work.

COURSE. So far as possible a progressive system is used. This applies to the individual, not to the class.

The aim is to make the student see and draw *lines*, to see and draw *value*, to see and draw *color*. Lines, values, and colors are the ultimate elements of pictorial representation, and are at first studied analytically and synthetically afterwards. The media used differ according to the temperament and state of advancement of the users, and to the nature of the thing to be represented. No two persons need exactly the same drill, and hence, while all must master the above mentioned elements, no fixed routine is established.

As circumstances make it desirable, work is done in all the ordinary media and from various models—principally, of course, for beginners, from still life and the cast.

A class is held on Saturday morning to accommodate school children, and on three evenings in the week for those busy during the day.

The studio is open six forenoons in the week.

STUDENTS.

COLLEGIATE DEPARTMENT.

GRADUATE STUDENTS.

Kuleman, Agnes.....Philology.... Akron.
McGillicuddy, Kate Leora.. Philology.... Akron.
Ransom, Eugene... Practical Astronomy.. Akron.

SENIOR CLASS.

COURSE.

Ackley, Wilber Walton.....s..... Haga.
Andrew, Vernon Robert.....s..... Medina.
Baldwin, William Benson.....c..... Akron.
Cooke, Francis Marion.....c..... Bluffton.
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.
Van Orman, Willard Henry.....s..... Akron.

Seniors, 16.

JUNIOR CLASS.

COURSE.

Barker, Myrtie.....c..... Peru.
Cannon, Austin Victor.....s..... Jesse.
Chaney, Lizzie Josephine.....s..... Canal Winchester.
Claypole, Agnes Mary.....PH..... Akron.

Claypole, Edith Jane PH Akron.
 Cole, James Ethan C Norwalk.
 Gayer, William Charles PH Akron.
 Rankin, Irving Cornelius PH Akron.
 †Steves, May Emma S Clifton Springs, N. Y.
Juniors, 9.

SOPHOMORE CLASS.

COURSE.

*Campbell, Bryant Downing S Willoughby.
 *Campbell, James Jeremiah S Willoughby.
 Cole, Edith Maora C Norwalk.
 Dean, Eva Ellen S Storm Lake, Ia.
 Eberhard, Le Roy Crockett C Akron.
 Fehr, Peter C Akron.
 Green, Isabella Moore C Akron.
 Hardin, Willett Lepley S South Warsaw.
 Holcomb, Orrin Grant S Cedar Rapids, Ia.
 *Hollinger, Myrven John S Copley.
 *Koenig, Charles William S St. Louis, Mo.
 *Lybarger, Lee Francis S Mt. Vernon.
 Myers, Burton Dorr PH Attica.
 Osborne, Robert J. PH Corry, Pa.
 *Poehlman, Otilia S South Bend, Ind.
 Putnam, William Pitt S Rockland.
 Reynolds, Joseph Jay S Le Roy.
 Seidman, Edward Samuel C Akron.
 Shipman, Charles Hiram C Akron.
 Simpson, John Hayward PH Attica.
 Thomas, Anna Elizabeth C Akron.
 Weeks, Charles Peter S Akron.
 Welsh, Frank Forest S Eaton.
 Wills, Bessie PH Akron.

Sophomores, 24.

FRESHMAN CLASS.

COURSE.

Bargar, Maggie Elizabeth S Tracy.
 Bateson, Carolen Elinore PH Kenton.
 Bowers, Elizabeth Helen PH Akron.
 Buchtel, Adda Marion S Columbus, Kan.
 Clark, Harry Worthy PH Chardon.

*Not in full class standing.
 †Deceased.

Day, Alice PH Mt. Carmel.
 Dean, Origen Stone S Storm Lake, Ia.
 Druley, Bertha Matella PH Stafford, Conn.
 Eddy, John Whittemore PH Bay City, Mich.
 Ferriman, Orlen Fayette S Medina.
 Findley, Samuel Emerson C Akron.
 Haynes, Dian May C Clifton, Kan.
 Herrick, Victor Marshall S Akron.
 Herriff, Amy Irene S Kent.
 Hollenbeck, Harland H. PH Chardon.
 James, Joseph Hidy S Washington C. H.
 Johnson, Nora S Flint.
 *Johnston, Lizzie May S Tallmadge.
 Jones, Rolland King C Akron.
 Keller, Alvin S Attica.
 Kingsbury, Benjamin Freeman C Defiance.
 Koontz, Russell Belden S Akron.
 Lukesh, George Martin S Akron.
 Mathew, Taca C Port William.
 Mignin, Charles Frederic S Stryker.
 Moon, Grace Julia S Akron.
 Morgan, Alfred Lee S Wilton, Conn.
 Musson, Estella Frances PH Mogadore.
 Reynolds, Carl Ault S Le Roy.
 Seidman, Arthur C Akron.
 Slade, Alice Cary C Columbus.
 Snyder, Harry Lee S Peru.
 Stanley, Margaret Esther PH Lower Salem.
 †Steigmeyer, Lulu Myrtle PH Attica.
 *Stutzman, Ada Mary S Akron.
 Taber, Gertrude PH Akron.
 Teeple, Arthur Rowe S Akron.
 Thomas, John Lewis S Akron.
 *Webster, Carlos Green S Norwalk.
 West, Mary Zuba S Marietta.
 Work, Effie Aurelia PH Akron.

Freshmen 41.

*Not in full class standing.
 †Deceased.

SPECIAL STUDENTS.

Beck, William Buchtel	Akron.
Bowman, Bessie Margaret	Akron.
Briggs, Clifford Lee	Sharon Center.
Chapman, Gertrude May	Cuyahoga Falls.
Coffey, William Tatom	Marion, Ia.
Corson, Julia Folger	Akron.
Crispin, Fannie Forrester	Akron.
Etz, Gertrude Howard	Akron.
Firey, Ada Minerva	Akron.
Fry, R. T.	Fort Seneca.
Kenfield, Scott	Woodstock.
Kent, Paul Huntington	Kent.
MacGregor, Julia Hayden	Akron.
Maloney, Helen Mary	Kent.
Matthews, Avery Putnam	Jackson.
McLean, Johnson Brown	West Alexandria.
Myers, Jennie Elizabeth	Akron.
Shoeman, Neva Grace	Kent.
Shively, Joseph K.	Kent.
Siegfried, Bertha May	Akron.
Steele, Nora	Wadsworth.
Stewart, Lily C.	Akron.
Taylor, Clayton Robbins	Bay City, Mich.
Typer, Helen May	Abilene, Kan.
Weston, Minnie Audria	Akron.
Wetmore, Millie Grace	Akron.
Wirick, Aurelia Blair	Storm Lake, Ia.
Wise, Harriet May	Akron.

Special Students, 28.

PREPARATORY DEPARTMENT.

SENIOR CLASS.

COURSE.

Alexander, Joseph Jefferson	C	Akron.
Baker, Mary Elizabeth	PH	Johnson's Creek, N. Y.
Barnes, Howard	C	Tallmadge.
Beach, Florida Clifton	PH	Pittsburgh, Pa.
Bertholf, Minnie Catherine	S	Kent.
Bissell, Clara	S	Le Roy.
Bissell, Maud	S	Le Roy.
Brophy, Mary Elizabeth	C	Middleport, N. Y.
Cable, Harry Clendenen	S	Point Pleasant, W. Va.
Cannon, Carrie Wells	S	Jesse.
Caruthers, Maud Virginia	C	Tallmadge.
Courtney, Alice Leta	S	Salem.
Daugherty, Harry Arthur	C	Akron.
Ernst, Harry Albert	S	North Lima.
Fisher, Frank Talbott	S	Akron.
Gorton, Rosalind Julia	S	Luzerne, Mich.
Green, William Adams	S	Akron.
Hardin, Eli Boyer	S	South Warsaw.
Harpham, Emily Congreve	C	Akron.
Inman, Marcus Tullius	PH	Columbiana.
Isbell, Charles Henry	C	Akron.
James, Mary Louisa	PH	Akron.
Kennedy, Herbert Welles	S	North Olmsted.
Maloney, Phebe	PH	Kent.
Parker, Lulu Elizabeth	S	Akron.
Pease, Thomas	PH	Fairplay, Col.
Putt, Wilson A.	S	Akron.
Shouler, William Matthew	C	Akron.
Sorrick, Cora Jennie	S	Akron.
Stockman, Avah Maud	PH	Aspen, Col.

Stone, Laura Ames PH Akron.
 Stuver, Millie Emma C Akron.
 Thompson, James Guy S West Farmington.
 Thornton, Charles Arthur PH Akron.
 Thursby, Dennis David S Inland.
 Voss, Mary Ida PH Akron.
 Wall, Alice C Akron.
 Worthington, Elizabeth PH Plain City.
 Wright, Alice Grace PH Akron.

MIDDLE CLASS.

COURSE.

Alexander, Hannah C Akron.
 Armstrong, Belle PH Akron.
 Bargar, Laura S Tuscarawas.
 Bell, Carrie S Clifton Springs, N. Y.
 Blanchard, Blanche Estelle S Akron.
 Brewster, Lena Martha C Little Hocking.
 Brown, Edwin William S Akron.
 Burt, Fred C. C Akron.
 Case, Charles Francis S Akron.
 Chapman, Charles Arthur S Akron.
 Crain, John Jay S Akron.
 Crubaugh, Pearl PH Akron.
 Dice, Jesse Peck C Akron.
 Grable, Bessie Mabel PH Inland.
 Griffin, Walter Hasbrouk C Norwalk.
 Guttry, Joel Kirny S Sheridan, Oregon.
 Hamlin, Roy Horace S Akron.
 Hamlin, Harry Anson PH Akron.
 Hanscom, Austin Brewster C Akron.
 Hardy, Mary Parnell C Akron.
 Harpham, Fred Mercott C Akron.
 Jackson, George Cleon S Akron.
 James, Margaret Trylla C Akron.
 Jones, Walter Scott S Le Roy.
 McCrumb, Maud Elizabeth PH Jamestown, Pa.
 McMullen, James Henry C Akron.
 May, Mary Louisa S Akron.
 Markle, Grace PH Akron.

Newberry, Maude Ruth.....PH.....Akron.
 Petty, Charles Ellsworth.....C.....Frost.
 Sorrick, Chloe Ann.....PH.....Akron.
 Stowe, Frank Horatio.....S.....Girard, Pa.
 Thomas, Eugenia.....PH.....Akron.
 Vandersall, William Austin.....C.....Akron.
 Van Orman, Hattie Ellis.....PH.....Akron.
 Walkup, William Edward.....C.....Akron.
 White, Julia L.....C.....Akron.
 Werrick, Chester.....S.....Akron.

JUNIOR CLASS.

Babb, Lilian May.....Akron.
 Borst, Beulah May.....Akron.
 Chamberlain, Blanche Sophronia.....Akron.
 Gammeter, Harry Christian.....Akron.
 Holcomb, Bertha Florence.....Jackson.
 Lackey, Lizzie May.....Akron.
 McFarlin, Anna May.....Akron.
 Sadler, Nellie Agnes.....Streetsboro.
 Smith, Clara Belle.....Akron.
 Taber, Isabelle.....Akron.
 Taylor, Charles Clinton.....Akron.
 Van Deusen, Almira Reed.....Fairplay, Col.
 Whitehead, Frank Boosinger.....Kent.
 Woodley, Mamie.....Akron.
 Woods, Richard Mitchell.....Akron.

NORMAL STUDENTS.

SECOND YEAR.

Beese, Carrie Ayres.....Akron.
 Bowen, Eva Helen.....Hudson.
 Briner, Samuel Ritman.....North Springfield.
 Hineline, Alta May.....Akron.
 Hutton, Stella May.....Akron.
 Koontz, Gertrude Alice.....Akron.
 McMillan, Nellie.....Montrose.
 McKnight, Alvin Charles.....North Springfield.
 Neubauer, Laura Augusta.....Akron.
 Pfaff, Philippina Maria.....Whipple.
 Wild, Clement Laird.....Cuyahoga Falls.

FIRST YEAR.

Botzum, Lydia Adella	Buckeye.
Evans, Sarah Ann	Summit.
Getz, Emma Magdalena	Kent.
Hange, Ellen Frances	Chatham Center.
Hardy, Mertie Ione	Akron.
Hoerger, Ferdinand Rudolph	Wilmot.
Kittinger, Emma Amanda	Bath.
McColgan, Alzie May	Akron.
McFarlin, Lizzie Alice	Granger.
Mishler, Augustus	Mogadore.
Morgareidge, Olla	Dudley.
Motz, Carrie Eva	Akron.
Rhoads, Clara May	Clinton.
Root, Helen Margaret	Kinsman.
Theiss, Tillie	Akron.
Thomas, Kate Arabella	Nimisila.
Treash, Etta Lenna	Akron.
Wirt, Elsie May	Streetsboro.
Wolcott, Anna Lorena	Watertown.

UNCLASSIFIED STUDENTS.

Beyers, Estha Jane	Akron.
Blakely, Josephine	Junction City, Kan.
Brewster, Mary Irene	Akron.
Cassidy, Thomas Kohler	Sharon Center.
Climer, Flora	Vigo.
Cobb, Edward Wager	Akron.
Coleman, Bertha Florence	Cheshire.
Crouse, George William	Akron.
Dellenberger, Jeannette Irene	Randolph.
Fisher, Elizabeth Clara	Akron.
Iredell, Mary Elizabeth	Akron.
Kent, Mary Eliza	Akron.
Motz, Charles Augustus	Akron.
Myers, Jennie Elizabeth	Akron.
Nickson, Amelia Agnes	Akron.
Patrick, Edgar	Mechanicsburg.
Peterson, Stella Regina	Akron.
Plum, Mark Epaphro Ditusday	Portage.
Prescott, Pearl Belle	Brooklyn Village.

Rhodenbaugh, Burt Osborn.....	Thomastown.
Smith, Carson Albert.....	Akron.
Smith, Frederick Gilbert.....	Buckeye P. O.
Smith, Joseph William.....	Akron.
Smith, Martha Abbie.....	Akron.
Swartz, John Christopher.....	New Portage.
Thomas, David Richard.....	Akron.
Tilton, Charles Ellsworth.....	Dudley.
Underhill, Clarence.....	Akron.
Wohlwend, Clarion Anna.....	Akron.
Work, Frederic Willcox.....	Akron.

SUMMARY OF STUDENTS.

COLLEGIATE DEPARTMENT.

Graduate Students.....	3
Senior Class.....	16
Junior ".....	9
Sophomore ".....	24
Freshman ".....	41
Special Students.....	28

Graduate Students.....	3
Classical ".....	20
Philosophical ".....	24
Scientific ".....	46
Special ".....	28

Young Men.....	68
Young Women.....	53

PREPARATORY DEPARTMENT.

Senior Class.....	39
Middle ".....	38
Junior ".....	15
Normal Students.....	30
Unclassified.....	30

Young Men.....	62
Young Women.....	90

RECAPITULATION.

Collegiate Students.....	121
Preparatory ".....	152
Young Men—Collegiate and Preparatory.....	130
Young Women—Collegiate and Preparatory.....	143
Total Attendance in Collegiate and Preparatory Departments.....	273

This statement presents only students in regular Collegiate and Preparatory classes. Students in Music and Art, to a considerable number, are not included in this summary.

GRADUATING CLASS.

1891.

NAME.	COURSE.	RESIDENCE.
Ackley, Wilber Walton	S.	Haga.
Andrew, Vernon Robert	S.	Medina.
Baldwin, William Benson	C.	Akron.
Cooke, Francis Marion	C.	Bluffton.
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.
Perry, Inez Laura	PH.	Salesville.
Pixley, Orla Calmer	S.	West Richfield.
Sisler, Jennie Lenore	S.	Nimisila.
Tucker, Robert	PH.	Millwood.
Van Orman, Willard Henry	S.	Akron.

DEGREES CONFERRED.

COMMENCEMENT 1890.

GRADUATES.

BACHELOR OF ARTS.

McGillicuddy, Kate Leora Akron.

BACHELOR OF PHILOSOPHY.

Smith, Halbert Dennis Chardon.

Wieland, Franklin Grant Mt. Gilead.

BACHELOR OF SCIENCE.

Bonner, Edwin Percy London.

Coit, Arthur Clinton Mantua Station.

Pardee, Ethelbert Kenneth Cuyahoga Falls.

Ransom, Eugene Akron.

Rowley, Arthur James Akron.

Tame, Alfred George Akron.

White, Fred Harmon Mantua Station.

IN COURSE.

MASTER OF ARTS.

Mae Cecilia Bock Akron.

HONORARY DEGREES.

DOCTOR OF DIVINITY.

Prof. Henry P. Forbes Canton, N. Y.

Rev. Everett L. Conger Pasadena, Cal.

DOCTOR OF LAWS.

Judge W. W. Boynton Cleveland, O.

PRIZES.

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

1. In the Senior Preparatory Class, to Dian May Haynes.
2. In the Freshman Class to Edward S. Seidman.

II.—For excellence in declamation.

The O. C. Ashton Prizes:

1889-90.

- a.* In the Senior Class, first prize to A. J. Rowley; second prize to A. C. Coit.
- b.* In the Junior Class, first prize to G. F. Fries; second prize to Inez L. Perry.
- c.* In the Sophomore Class, first prize to L. F. Lybarger; second prize to Myrtie Barker.

1890-91.

- a.* In the Senior Class, first prize to Inez L. Perry; second prize to C. F. Henry.
- b.* In the Junior Class, first prize to J. E. Cole; second prize to I. C. Rankin.
- c.* In the Sophomore Class, contest not held at date of issue of catalogue.

III.—The J. H. Pendleton Law Prizes to members of the Senior law class. Decision not rendered at date of issue of catalogue.

ASSOCIATION OF THE ALUMNI.

OFFICERS.

President, D. A. DOYLE, '78.

Vice-President, MARY WEBB CANFIELD, '86.

Secretary, BESSIE KINGSBURY, '87.

Treasurer, E. F. CONE, '89.

APPOINTMENTS FOR ALUMNI PUBLIC EXERCISES.

Orator, REV. E. S. ROTHROCK, '86.

Alternate Orator, EDITH LAWRENCE, '88.

Historian, A. A. STEARNS, '79.

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 following donations to the library, during the year ending May 1, 1891, have been received from:

Akron Public Library, Akron, O.
Dr. E. W. Claypole, Akron, O.
Colorado Agricultural College, Fort Collins, Col.
Colorado College Scientific Society, Colorado Springs, Col.
Dr. O. Cone, Akron, O.
C. A. Cutter, Boston, Mass.
Rev. James Gorton, Sharpsville, Pa.
Hon. E. P. Green, Akron, O.
Hon. Seth Low, Columbia College, N. Y.
Munn & Co., N. Y.
Newberry Library, Chicago, Ill.
Ohio Forestry Bureau, Columbus, O.
J. H. Palmer.
Rev. L. G. Powers, Minneapolis, Minn.
Smithsonian Institution, Washington, D. C.
U. S. Department of Education, Washington, D. C.
U. S. Department of State, Washington, D. C.
U. S. Department of the Interior, Washington, D. C.
U. S. Department of the Navy, Washington, D. C.
Universalist Publishing House, Boston, Mass.

Additions to the Museum continue to be made. During the past year the whole of the palaeontological department has been re-arranged and where necessary re-ticketed. A number of new specimens of the coal plants of the Summit County coal-bed have been extricated and stored until show-cases can be provided. An extensive and representative collection of the tin ores of South Dakota and their containing rocks has been obtained and will be set in place as soon as space can be found for it.

By the liberality of the Executive Committee a quantity of microscopic material which was unexpectedly offered for sale, was secured. This when arranged and made available, will be of great value for educational purposes, and for scientific investigation.