

THIRTY-FIFTH  
ANNUAL CATALOGUE  
OF  
BUCHTEL COLLEGE  
AND  
ACADEMY

FOR THE YEAR  
1905-1906

AKRON : OHIO

PUBLISHED BY THE COLLEGE, APRIL, 1906

# BUCHTEL COLLEGE AND ACADEMY

Founded in 1870 by the  
OHIO UNIVERSALIST CONVENTION

Named in honor of  
HON. JOHN R. BUCHTEL

CO-EDUCATIONAL      NON-SECTARIAN

Furnishes the highest grade of Classical, Literary  
and Scientific instruction, under the immediate di-  
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Three College Courses leading to the Baccalaureate  
Degrees of A. B., Ph. B. and S. B.

Academy Courses of a Scientific and Literary nature  
and preparatory to College.

For catalogue and other information address  
A. B. CHURCH, D. D., LL. D., President,  
AKRON, OHIO

# CALENDAR

1906

- February 5, Monday, 9 A. M.—Second Half-Year begins. Registration and Classification.
- February 6, Tuesday, 8 A. M.—Class Work resumed.
- February 16, Friday, 7:30 P. M.—Sophomore Ashton Prize Speaking.
- March 14, Wednesday, 9:30 A. M.—Mid-Year Meeting of Board of Trustees.
- April 7-16, Saturday to Monday, inclusive—Easter Recess.
- May 18, Friday—Tree Holiday.
- June 1, Friday, 4:15 P. M.—Senior Vacation begins.
- June 15, Friday, 8 P. M.—Graduating Exercises of the Academy.
- June 17, Sunday, 2:30 P. M.—Baccalaureate Services and Sermon.
- June 18, Monday—Class Day; at 8 P. M. Senior Promenade.
- June 19, Tuesday, 9:30 A. M.—Annual Meeting of Board of Trustees.
- June 19, Tuesday, 2:30 P. M.—Junior Ashton Prize Speaking.
- June 19, Tuesday, 8 P. M.—Alumni Social Reunion and Banquet.
- June 20, Wednesday, 9:30 A. M.—Commencement Address and Conferring of Degrees.
- June 20, Wednesday, 2 P. M.—Annual Business Meeting of Alumni Association.
- June 20, Wednesday, 8 P. M.—President's Reception.
- June 20 to September 17—Summer Vacation.
- September 17, Monday, 1:30 P. M.—First Half-Year of College and Academy begins. Local Registration and Classification.
- September 18, Tuesday—Registration and Classification of foreign students.
- September 19, Wednesday, 9 A. M.—Opening Chapel Service with regular Class Work following.
- November 16, Friday, 7:30 P. M.—Senior Ashton Prize Contest.
- November 29-December 3, Thursday to Monday, inclusive—Thanksgiving Recess.
- December 19, Wednesday, 4:15 P. M.—Christmas Recess begins.

1907

- January 3, Thursday, 8 A. M.—Class Work will be resumed.
- January 18, Friday—Founder's Day.
- February 1, Friday, 4:15 P. M.—First Half-Year closes.
- February 4, Monday, 9 A. M.—Second Half-Year begins. Registration and Classification.
- February 5, Tuesday, 8 A. M.—Class Work resumed.
- February 15, Friday, 7:30 P. M.—Sophomore Ashton Prize Speaking.
- March 13, Wednesday, 9:30 A. M.—Mid-Year Meeting of Board of Trustees.
- March 30-April 8, Saturday to Monday, inclusive—Easter Recess.
- May —, Friday ——Tree Holiday.
- May 31, Friday, 4:15 P. M.—Senior Vacation begins.
- June 14, Friday, 8 P. M.—Graduating Exercises of the Academy.
- June 16, Sunday, 2:30 P. M.—Baccalaureate Services and Sermon.
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- June 19, Wednesday, 8 P. M.—President's Reception.

## TRUSTEES

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REV. A. B. CHURCH, D. D., LL. D..... <i>Akron</i>	} Terms of Office Expire in 1906
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PRESIDENT

HON. GEORGE W. CROUSE,  
VICE-PRESIDENT

CHARLES R. OLIN, B. S.,  
SECRETARY AND TREASURER

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**EXECUTIVE COMMITTEE**

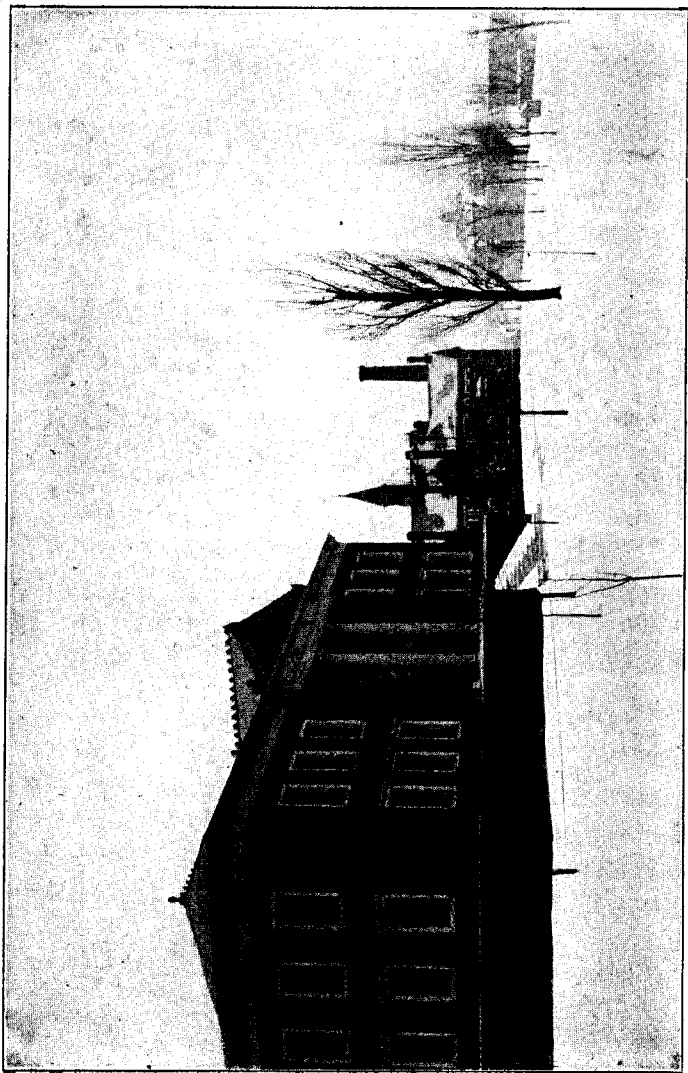
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FRANK M. COOKE, A. B.  
JOHNSON A. ARBOGAST                      HON. GEORGE W. CROUSE

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**PRESIDENTS OF BUCHTEL COLLEGE**

S. H. MCCOLLESTER, D. D. .... 1872-1878  
E. L. REXFORD, D. D. .... 1878-1880  
ORELLO CONE, D. D. .... 1880-1896  
C. M. KNIGHT, Sc. D., (ad interim) .... 1896-1897  
I. A. PRIEST, D. D. .... 1897-1901  
A. B. CHURCH, D. D., LL. D. .... 1901-



BUCHTEL COLLEGE CAMPUS

## FACULTY, INSTRUCTORS AND OFFICERS\*

For the Year 1905, 1906 and 1907

A. B. CHURCH, A. M., D. D., LL. D.,  
PRESIDENT

*Messenger-Professor of Mental and Moral Philosophy*  
President's House

CHARLES M. KNIGHT, A. M., Sc. D.,  
DEAN OF THE FACULTY

*Bachel-Professor of Physics and Chemistry*  
120 S. Union Street

JOSEPH C. ROCKWELL, A. M.,  
*Professor of Latin and Greek*  
266 Rosedale Place

CHARLES PROOKOVER, M. S.,  
*Professor of Natural Science*

SECRETARY OF THE FACULTY  
Curtis Cottage

OSCAR E. OLIN, A. M.,  
*Professor of Economics and History, and Instructor in Mental and Moral  
Philosophy*  
478 Orchard Court

PARKER R. KOLBE, A. M.,  
*Hilton-Professor of Modern Languages*  
459 E. Market Street

ALBERT I. SPANTON, A. M.,  
*Pierce-Professor of English and Literature*  
407 Vine Street

WILFRED H. SHERK, A. M.,  
*Ainsworth-Professor of Mathematics and Astronomy*  
428 Orchard Court

ANNA M. RAY,  
*Instructor in Oratory and Physical Culture for Young Women, and Teacher of  
Academy English*  
Curtis Cottage

CHARLES R. OLIN, B. S.,  
*Instructor in Mechanical Drawing*  
421 Spicer Street

CLARA A. BROUSE,  
*Assistant in Biology*  
468 E. Market Street

\*Except the President, the arrangement is in order of appointment.

CHARLES BULGER,

*Assistant in German*

209 Allyn Street

GODFREY CHARLES SCHAEBLE, A. B.,

*Principal of the Academy, and Teacher of German and History*

430 Orchard Court

M. ALICE RINES, A. M.,

*Teacher of Latin and Greek*

374 E. Buchtel Avenue

ETHEL JEFFERSON, A. B.,

*Assistant in College Chemistry and Teacher of Academy Mathematics*

Curtis Cottage

CHARLES H. SHIPMAN, A. B.,

*Teacher of Physical Science and Mathematics, Teacher of Physical Training  
for Young Men, and Director of Athletics*

69 Kirkwood Street

MAY F. SANFORD,

*Teacher of Drawing and Director of the Buchtel Art School*

494 W. Market Street

HARRY A. MILLER,

*Director of Buchtel Commercial School*

627 Crosby Street

EDWARD T. SIMPSON,

*Teacher of Commercial Branches in Buchtel Commercial School*

631 Day Street

EDNA M. VANCE,

*Assistant in Buchtel Commercial School*

346 Crosby Street

LUCY IONE EDGERTON,

*Director of Music School and Teacher of Piano, Organ and Harmony*

Ely Street

HALLIE TILLSON,

*Librarian*

Curtis Cottage

ALLICE F. MALLERY,

*Preceptress of Curtis Cottage*

ABBIE L. TENNER,

*Office Assistant*

G. H. HARPLEY,

*Janitor*

265 Carroll Street

**COMMITTEES OF THE FACULTY  
1905-1906**

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*Committee on Classification*

PROFESSORS CHURCH, ROCKWELL AND SHERK

*Committee on Course of Study*

PROFESSORS CHURCH, KNIGHT AND OLIN  
AND PRINCIPAL SCHAIBLE

*Committee on Scholarships*

PROFESSORS CHURCH, KNIGHT AND KOLBE

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PROFESSORS KOLBE AND ROCKWELL

*Committee on Printing*

PROFESSORS CHURCH AND KOLBE

*Committee on Rules and Discipline*

PROFESSORS CHURCH, KNIGHT, BROOKOVER AND OLIN

*Committee on Prize Speaking Contest*

PROFESSORS SPANTON AND SHERK

*Committee on Socials and Holiday Observances*

PROFESSORS SPANTON AND BROOKOVER AND MISSES RINES AND RAY

*Committee on Music*

PROFESSOR ROCKWELL AND MISS EDGERTON

*Committee on Athletics*

CHARLES H. SHIPMAN AND C. R. OLIN

*Committee on Buildings and Grounds*

PROFESSORS KNIGHT, OLIN AND BROOKOVER

## REFERENCE COMMITTEE

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BORTLE, REV. MARTHA A.....	Newark, N. Y.
BROWN, FLORA B.....	Dublin, Ind.
CANFIELD, H. L., D. D.....	Pasadena, Cal.
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COLEGROVE, REV. O. G.....	Woodstock, Ohio
CROSLY, REV. MARION.....	358 E. 15th St., Indianapolis, Ind.
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FORD, JAMES.....	Washington C. H., Ohio
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KELLEY, H. A.....	Western Reserve Bldg., Cleveland, Ohio
MIGNIN, MRS. C. P.....	Stryker, Ohio
MARKLEY, MRS. CHARLES.....	London, Ohio
MCCOLLESTER, LEE S., D. D.,.....	654 John R. St., Detroit, Mich.
ROSENDALE, MRS. T. T.....	Fostoria, Ohio
RUNDELL, C. O.....	Marion, Mass.
SLADE, WM. F.....	Akron, Ohio
STONER, REV. SARA L.....	New Madison, Ohio
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STEPHENS, CHAS. H.....	Cor. 3d and Walnut Sts., Cincinnati
TUCKER, ROBERT.....	1027 Sixth St., San Diego, Cal.
WENGER, I. S.....	New Madison, Darke Co., Ohio
TUTTLE, A. L.....	So. Edmeston, N. Y.
COUCH, MRS. M. E.....	No. Adams, Mass.
MASON, REV. L. WALTER.....	509 So. St. Clair St., Pittsburg, Pa.
RICHARDS, REV. L. J.....	Ft. Plain, N. Y.

The above named persons have signified their willingness to serve on the Reference Committee. From time to time, catalogues and such other advertising matter of Buchtel College, as may be at hand, will be sent to each member of the committee.

Parents desiring to inform themselves about college courses and methods, and students desiring to enter College, are advised to call upon some member of the committee who may reside in the vicinity.

## ENDOWMENTS

### MESSENGER PROFESSORSHIP.

The Messenger Professorship of Mental and Moral Philosophy was endowed by Mrs. Lydia A. E. Messenger, late 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, late of Akron.

### PIERCE PROFESSORSHIP.

The Pierce Professorship of English Literature was endowed by Mrs. Chloe Pierce, late of Sharpsville, Pa.

### BUCHTEL PROFESSORSHIP.

The Buchtel Professorship of Physics and Chemistry was named in honor of Mrs. Elizabeth Buchtel, late of Akron.

### AINSWORTH PROFESSORSHIP.

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

### RYDER PROFESSORSHIP.

The Ryder Professorship of Rhetoric and Oratory was established by the Board of Trustees in memory of Dr. William H. Ryder, late of Chicago.

### MESSENGER FUND.

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

### ISAAC AND LOVINA KELLY FUND.

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

### WILLIAM PITT CURTIS FUND.

This fund was established by William Pitt Curtis, of Wadsworth, O. It now amounts to \$25,000.



## PERPETUAL SCHOLARSHIPS

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

*MISS E. V. STRADMAN.....	Marietta
*JAMES PIERCE.....	Sharpsville, Pa.
*ELIJAH DRURY.....	Girard, Pa.
MRS. MARY C. MARTIN.....	Lebanon
*JAMES F. DAVIDSON.....	Brimfield
*†MISS BETSEY THOMAS.....	Irwin
*JOHN PERDUE.....	Lafayette, Ind.
*ELI M. KENNEDY.....	Higginsville, Mo.
*JOHN K. SMITH.....	Ravenna
*N. S. OLIN.....	Ravenna
*JOHN B. SMITH.....	Urbana
*MRS. CANDIA PALMER.....	Painesville
*MRS. GEORGE W. STEELE.....	Painesville
*GEORGE W. STEELE.....	Painesville
MRS. BETSEY DODGE.....	McConnelsville
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*JOSEPH HIDY, SR.....	Jeffersonville
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*HENRY BOSZAR (3).....	Brimfield
*E. F. LOUDENBACK.....	Westville
*H. D. LOUDENBACK.....	Westville
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*SAMUEL BIRDSSELL.....	Peru
*SAMUEL GRANDIN.....	Tidioute, Pa.
N. B. AND A. E. JOHNSON.....	Mingo
*HENRY AINSWORTH (10).....	Lodi
*MISS ANNA A. JOHNSON.....	Bay City, Mich.
MR. AND MRS. JOHN MILLER.....	Edgerton
JOHN P. CHAPIN.....	New Philadelphia
CHRISTIAN SWANK.....	Creston, O.
MRS. S. O. ACOMB.....	Tidioute, Pa.
*MRS. JANE BETZ (2).....	Hamilton
‡MISS HANNAH ALLYN.....	Akron
*MRS. ROSA G. WAKEFIELD.....	Green

These Scholarships are intended to aid worthy and deserving students, and are awarded by a Scholarship Committee under authority from the Board of Trustees.

\*Deceased.

†In honor of her father, Eliphas Burnham.

‡In memory of her deceased husband, William Robson.

§In memory of her father and mother, Mr. and Mrs. Israel Allyn, and her sister, Lucy Allyn.



## **GENERAL INFORMATION.**

### **FOUNDATION.**

Buchtel College was founded in 1870, and took its name from its most generous benefactor, Hon. J. R. Buchtel, who 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 52,000, is situated in the midst of hills and valleys, and is one of the most picturesque in the country. It is a healthful city and easy of access, having direct connection with all parts of the country. It is located on the line of the Erie (New York, Pennsylvania & Ohio); Cleveland, Akron & Columbus; Cleveland Terminal & Valley; Pittsburg & Western; Northern Ohio, and Baltimore & Ohio Railways; also on the A., B. and C., and Kent, Ravenna, Canton, and Barberton Divisions of the Northern Ohio Traction Company's electric lines.

### **BUILDINGS AND GROUNDS.**

The College Campus comprises six acres, is situated on the highest eminence in the county and faces on Buchtel Ave., one of the pleasantest residence streets of the city. The Loop Line electric cars, which receive transfers from all city and suburban lines, pass the college gates.

At present there are seven buildings on the campus, these being only the beginning of the prospective quadrangle of the Greater Buchtel.

Owing to the fire of 1899 the college and academy buildings and the heating plant are each new, with new furnishings and laboratory equipments, and are admirably adapted to the work required of them.

### **BUCHTEL HALL.**

Buchtel Hall, designed for College classes in all work except Chemistry, is a beautiful building, classic in design and convenient in arrangement. As is shown by the cut, the main entrance is up a broad flight of marble steps to the first floor, which is high enough to leave the basement story almost entirely above ground. In the center of the first floor is the grand staircase and an open court extending to a skylight. There are four large recitation rooms with a Professor's private office connected with each on the first and the second floors. On the ground floor, besides a work-shop and separate study, bicycle, and toilet rooms for young men and women, is a suite of six rooms well planned and equipped for the Physical Laboratories.

### **BUCHTEL ACADEMY.**

The Academy is designed for the convenience of the Preparatory, Oratory and Art Schools. It is a roomy and convenient three-story building. On the ground floor are the Physical Laboratories, and the separate lockers and toilet rooms for young men and women. On the second floor are the Administration Offices and the main recitation rooms. On the third floor are the large Art Rooms and an Assembly Room, which is used for the Oratory Studio.

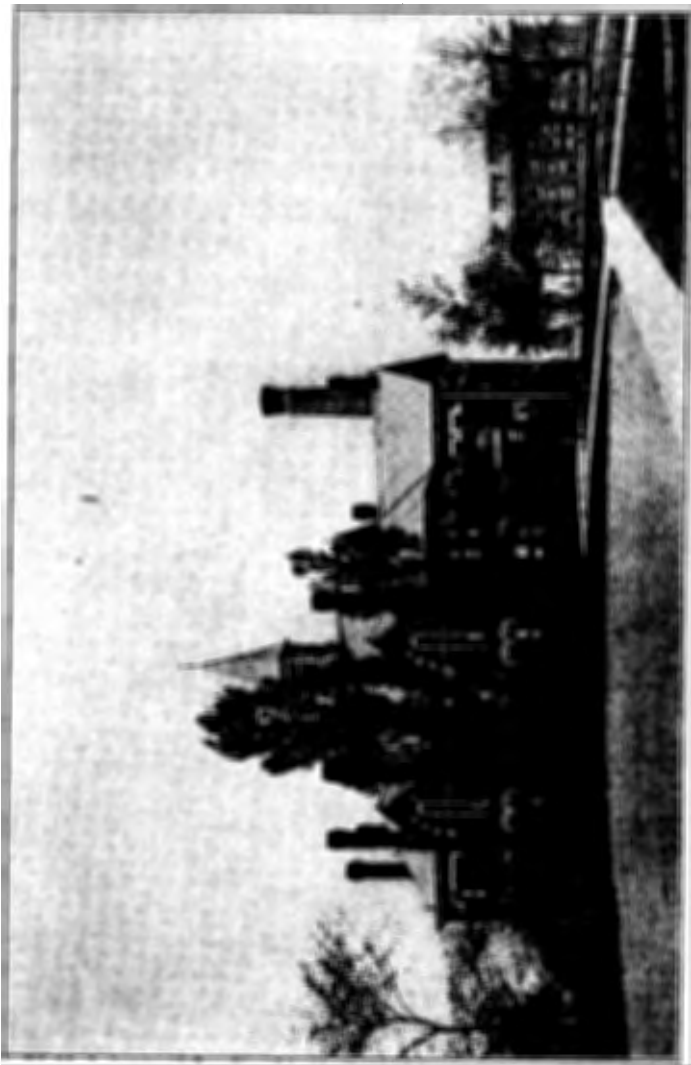
### **FIRE PROOF.**

These two new buildings are fire-proof and have the heating, ventilating and sanitary arrangements and appointments of the most approved kind known to modern builders. With the Gymnasium, they are heated from one central heating plant.

### **ASTRONOMICAL OBSERVATORY.**

The Observatory is intended for the use of 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. It is furnished with the following instruments:

An Equatorial Telescope of 4.5 inches aperture.



CROUSE GYMNASIUM

A Meridian Circle of 3 inches aperture, provided with various necessary accessory apparatus, and so mounted that it can be used as a Zenith Telescope.

Two Astronomical Clocks, furnished with electric connections.

A Chronograph.

Various other minor apparatus.

### **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, one hundred and two feet in length by fifty-three feet in breadth. The basement contains the locker, dressing and bathing rooms thoroughly furnished. On the first floor are the Directors' office and the Gymnasium proper, which is eighty-four feet long and forty-eight 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 Gymnasium is open at stated times for the exclusive use of the young women, and at other times for the exclusive use of the young men, in both instances under a trained director.

In addition to the above mentioned facilities for physical culture, the College possesses, only three squares away, extensive and elaborately equipped Athletic Grounds of four acres, which are admirably adapted for use of the students in playing base ball, foot ball, lawn tennis and similar games.

At present the Chemical Laboratory occupies a suite of six rooms in the basement of the Gymnasium and is modernly equipped for practical work.

The Buchtel College Music School occupies certain rooms in the Gymnasium. A two-manual pipe organ has been recently erected for chapel use and instruction.

The Gymnasium is also used, for the present, as the chapel assembly room.

#### **THE HEATING PLANT.**

The Heating Plant is located in a building by itself, thus avoiding any danger from fire or explosion. The plant is equipped with a thoroughly modern smoke consuming device. By means of conduits the steam is conveyed to the other buildings where fresh air is heated and forced through the rooms by the fan system.

#### **CURTIS COTTAGE.**

Curtis Cottage is the college home for young ladies. It was completed and first occupied in January, 1905. It has eleven student rooms, uniform in size and furnishings and arranged for two students in a room,—parlors, dining room, kitchen, laundry and its own efficient hot water heating plant. It furnishes also a delightful suite of rooms for each of the young ladies' fraternities.

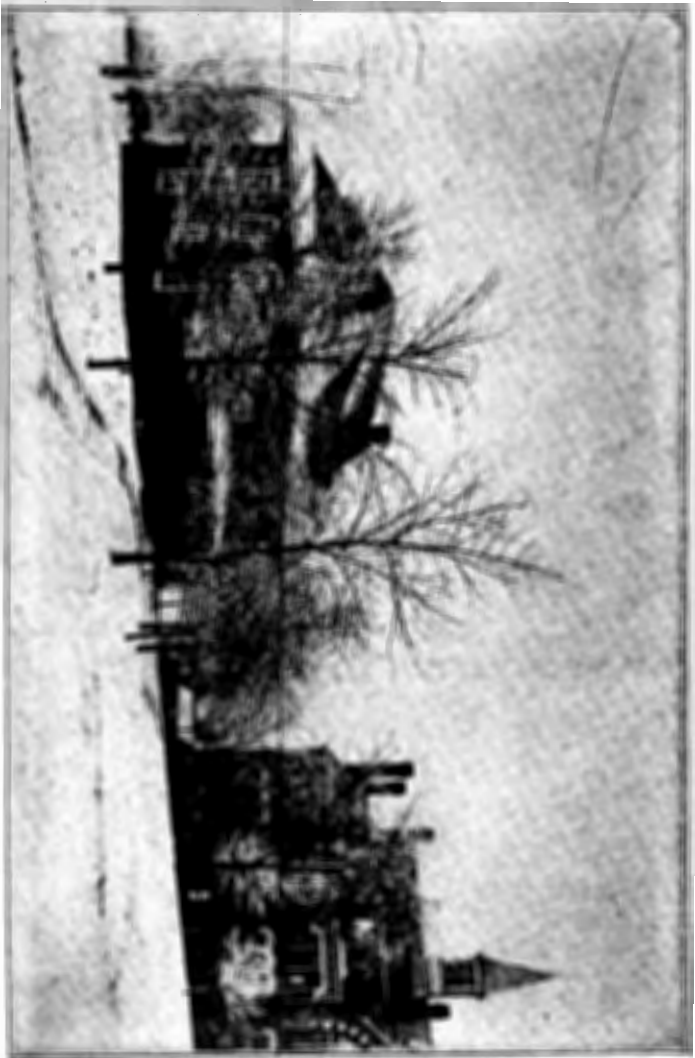
The Cottage is in charge of a preceptress of culture and school experience, and on the whole provides, at a moderate expense, the college young ladies with a home which is most modern and sanitary in all of its appointments, convenient and comfortable in its arrangements, and delightful and elevating in its social life.

#### **THE PRESIDENT'S HOUSE.**

The President's house is situated on the Campus within easy access of the other buildings; is a commodious substantial brick structure with modern conveniences and is occupied by the President and his family.

#### **AIM.**

Buchtel College is organized and equipped to give to young men and women a wholesome physical development, a most thorough mental discipline, and a practical, altruistic, moral training; to hold up before them the noblest ideals of manhood and womanhood and to develop within them a genius for usefulness.



CURTIS COTTAGE

## **INSTRUCTION.**

The instruction of the College aims to combine the advantages of the lecture, recitation and laboratory system.

### **COLLEGE COURSES.**

The curriculum embraces:

First: A Classical Course.

Second: A Philosophical Course.

Third: A Scientific Course.

These are four-year courses leading to the degrees of A. B., Ph. B., and S. B., and are equal to those adopted by other similar institutions of the country.

### **ACADEMY COURSES.**

In connection with the College, but occupying a separate building on the Campus, and with a separate Faculty, is Buchtel Academy, in which students are thoroughly prepared for college entrance. Three preparatory courses are here offered: the Classical, Philosophical, and Scientific. Owing to limited numbers, the student is under the personal supervision of a strong corps of teachers and is afforded daily practical drill in class room and laboratory work.

### **BUCHTEL SCHOOL OF MUSIC.**

The Music School is located at the College in Crouse Gymnasium. Thorough and technical training, beginning with fundamentals, is given in both vocal and instrumental courses by capable and experienced specialists.

### **BUCHTEL SCHOOL OF ART.**

The Art School is situated at the Academy Building in a specially arranged and equipped suite of rooms and is under the personal supervision of a trained and experienced specialist. The School offers excellent advantages for the study of Art. It embraces instruction in charcoal, crayon, pencil, pastel, oil and water color. Students work from original designs, life, casts, and still life.



## LABORATORY AND APPARATUS.

The larger portion of the basement of Crouse Gymnasium has been rearranged since the fire of 1899 for use as chemical laboratories consisting of five rooms. A general laboratory for the use of students during the first year of work in chemistry has been fitted with all modern facilities. Drainage, gas, hot and cold water, and all necessary apparatus, are at each student's desk. The students pursuing quantitative methods have ample room and opportunities for the more refined and careful researches in a laboratory by themselves, undisturbed by other workers. The ventilation of the laboratories is good, special wall flues carrying off noxious vapors.

The laboratories for physics are arranged in the basement of Buchtel Hall. Six rooms are given to the use of experimental physics. The rooms for experiments in electricity and magnetism are free from iron in their construction, and solid masonry floors in all laboratories secure the delicate instruments from outside jar and disturbance.

Excellent facilities for work in photography are provided by a well equipped dark-room, and students in physical science are encouraged to become familiar with the best methods of experimental illustration.

The department of Natural Science is located in the new Buchtel Hall, where three laboratory and lecture rooms are fitted for work in biology and geology. The student is supplied with microscopes, reagents, microtomes, and other apparatus needful for thorough work in biological research. A collection of minerals and crystals, together with maps, charts, and a paleontological cabinet, comprise the equipment for work in Geology.

The College is supplied with excellent surveying instruments in the way of compass, engineer's level, surveyor's transit with solar attachment for determining the true meridian independent of the needle, chains, tapes, poles, pins, etc.



The Astronomical Observatory is adequately equipped with efficient, delicate and costly instruments for carrying on in a practical laboratory way that line of higher mathematics.

#### **BIERCE LIBRARY.**

The College Library had its origin with a collection of works donated in 1874 by the late Gen. L. V. Bierce. During the early days of the College the Library was augmented by books purchased from the proceeds of a bequest received from Gen. Bierce's estate. In recognition of this early gift the Library has been called the Bierce Library.

At the present time the Library is in Buchtel Hall and embraces about 9,000 bound volumes of standard works (exclusive of public documents). These books have been mostly selected with special reference to their use in connection with the various departments of college instruction. All are classified and arranged on the shelves by the Dewey system of classification. The whole Library is practically one of reference, as students have access to the shelves at all hours of the day. Books may also be drawn by students, professors, and officers, in accordance with the regulations, for use outside of the Library.

Since the fire of 1899 the Library has been reclassified and recatalogued and put in the best working condition for students.

In connection with the Library is the College Reading Room, which has upon its files the leading periodicals and newspapers of the day. These are selected, upon recommendation of the various professors, with special reference to supplementing their class-room instruction.

A trained librarian of experience will have charge of the library to render it of greatest usefulness to the students.

#### **ATHLETICS.**

Recognizing the fact that physical training is as legitimate a part of any system of education as is the mental,

Buchtel College has made ample provision for this course in education, in her large and well equipped Gymnasium and Athletic Field. Systematic instruction is given to both young men and women in the Gymnasium each year by trained instructors, and the young men are given systematic training and regular drill in track athletics. Public sports, such as foot ball, base ball, basket ball and lawn tennis are permitted and encouraged so far as is consistent with the student's health and with his progress in the class-room.

#### **ORATORICAL ASSOCIATION.**

The students of Buchtel College maintain an Oratorical Association, to which all college students are eligible. The object of the society is to secure an increased interest in public speaking, with special reference to the presentation of original productions. The local association is a branch of the State Association, which includes a number of the leading colleges of the State. Each year a local contest is held by the association, the winner of which is sent by the association to the State contest. The successful contestant in the State contest represents the State in the inter-State contest.

#### **LITERARY AND DEBATING CLUB.**

A Literary and Debating Club is organized among the students.

Regular meetings are held for the discussion and debating of topics of current interest. Often public debates are held with neighboring societies and colleges.

#### **DRAMATIC CLUB.**

A Dramatic Organization is maintained by the students for mutual self-culture, and for the study of literature and the histrionic art. One or more public entertainments are given each year with credit to the club and the College.

All such literary organizations and efforts are approved and encouraged by the College.

## **CO-EDUCATION.**

The College and Academy admit students of both sexes. No sex discrimination is made in requirements and equal educational advantages and honors are offered to each.

## **SOCIAL ADVANTAGES.**

Realizing that education is a development of social courtesies and personal graces as well as the power of mental analysis, the student life at Buchtel College is so conducted as to afford opportunities for such culture. Young ladies and gentlemen, as such, mingle freely on the Campus, in the College halls and class rooms during recitation hours. Formal and informal social college functions, banquets, exhibitions and contests, receptions and class socials occur at intervals through the year, in which young ladies and gentlemen participate with members of the faculty and their friends.

The young ladies are under the general supervision of the lady members of the faculty and are made to feel free to go to them for counsel and advice.

## **RELIGION.**

No restriction or coercion is imposed upon students in their exercise of religious beliefs. All students are asked to name the denomination of their choice on their registration and are expected to attend the church of that denomination while in College. Nearly all denominations are represented in Akron by flourishing churches. While the College has a denominational foundation and connection and is reverently Christian in its social life and in the principles of its administration and instruction, yet in its internal economy it is in no sense sectarian. All students are required to attend chapel services.

## **DISCIPLINE.**

The regulations for governing student life are few and simple, appealing to the student's self-respect and personal responsibility.

It is the policy of the government to allow in all things as much liberty as will not be abused, and the students are invited and expected to co-operate with the Faculty. Frequenting bar-rooms, billiard-rooms, or saloons, and all riotous and disorderly behavior, are forbidden. The use of tobacco and spirituous liquors about the college buildings and on the grounds is prohibited.

All students registering with the College put themselves under obligations faithfully to observe and obey the laws and regulations of the College and all authoritative acts of the President and Faculty and to use their influence by precept and example to induce others in like circumstances to do the same.

#### **REGISTRATION AND CLASSIFICATION.**

All students are required to present themselves to the Classification Committee of the College or Academy for registration and assignment of work, on or before the first day of each half-year. A classification card will be given each student showing the classes he is assigned to. This card must be presented to the Secretary of the College for his signature when arranging for term bills, and to each instructor for his signature immediately upon entering a class.

The card must then be returned to the Classification Committee, fully signed as above indicated, on or before the third day of the term.

#### **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 presentation of a thesis showing original research by the student is necessary for graduation.

#### **MASTER'S DEGREES.**

The degree of A. M. will be conferred upon those who



have acquired the degree of A. B. or Ph. B., and the degree of M. S. upon those who have acquired the degree of B. S. These degrees will be granted in not less than two years after graduation, unless the applicant, in residence, can devote the larger part of his time to the work, when the degrees may be granted in one year.

The candidate must accomplish the equivalent of a college year's work in each of any two subjects to be chosen by himself, one of these to be known as Major and the other as Minor.

In the Minor, the work may be partly undergraduate, but the applicant will be expected to carry it beyond the lines of usual college work. In the Major, the work must be confined to graduate subjects and methods, and in this a satisfactory thesis must be presented which will give evidence of original work in the investigation of some new field rather than to consist of a mere restatement of what is already known. The subjects and methods must have received the sanction of the professors in the departments chosen.

An examination will be required in both subjects.

Provided satisfactory arrangements are made, residence will not be required for graduates of this College in preparing for these degrees, although residence is recommended. Persons who have received the Bachelor's degree in any other college whose requirements for that degree are equal to those of Buchtel College may also be granted the Master's degree upon the above conditions, except that the courses must be taken in residence.

A candidate for either of these degrees, at any given commencement must present his thesis and report for examination not later than June 1st.

These degrees will not be granted for professional work leading to other degrees nor for journalistic work or teaching.

A fee of ten dollars will be charged for the Master's degree.

## PRIZE FUNDS.

**ALUMNI PRIZES.**—A fund has been established by the Alumni of the College, the income of which is annually appropriated according to the following regulations:

1st. That student—being a member of the Senior Class of the Academy—who makes the highest average grade during the year in full Senior work in the Academy, and completes his Senior year without conditions, shall be entitled to free tuition during the succeeding year.

2nd. That student—being a member of the Freshman Class—who attains the highest average grade during the year in the regular freshman work and completes his freshman year without any conditions, shall be entitled to free tuition during the succeeding year.

3rd. That student—being a member of the Sophomore Class—who attains the highest average grade during the year in not fewer than eight studies above the Freshman year, and completes this year without conditions, shall be entitled to free tuition during the succeeding year.

4th. That student—being a member of the Junior Class—who attains the highest average grade during the year in not fewer than eight studies above the Freshman year, and completes this year without conditions, shall be entitled to free tuition during the succeeding year.

5th. In determining the award of prizes for any year, there shall be considered only grades made in regular class work at Buchtel College during that year in subjects completed before Commencement day.

6th. In case of a tie in any class the prize shall be equally divided.

7th. The prize for any class shall go to the student attaining the second highest average grade only in case the one ranking highest does not return to Buchtel College the next succeeding year.

**OLIVER C. ASHTON PRIZES.**—A fund consisting of \$3,000 has been established by the late Oliver C. Ash-

ton, 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 are public exercises, and 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, late of Akron, the annual income of which is used as prizes for essays in the Law Class. Two-thirds of such income is annually to be paid for the best essay, and one-third for the second best essay, on some subject of Law or Government announced by the Instructor in Law.

#### **SCHOLARSHIPS.**

On page 12 of this catalogue will be found a list of the endowed scholarships of the College. The donors of these scholarships may, at all times, designate one student who shall be entitled to free tuition in either the College or the Academy. So much of the income of these scholarships as is not thus used by the donors each year is at the disposal of the College for the purpose of aiding worthy and deserving students. In the distribution of these scholarship benefits by the College, in case the donor is deceased, preference will be given to the immediate descendants of the donor. This assistance will be granted to students only upon the recommendation of a Committee of the Faculty after careful inquiry as to the needs of each applicant. In making this inquiry the Committee will consider not only the pecuniary needs of the applicant but his general character as well, and where a renewal of aid is requested, the Committee will also take into account the student's previous record in scholarship and general deportment.

Students thus receiving aid from the College may be called upon to render services to the College for any part, or all, of such aid. They will be expected to maintain their standing in scholarship, and to conduct themselves as exemplary students. A scholarship is granted with the expectation that the student will complete his course of study at Buchtel College, and, without a reason that shall be satisfactory to the President, honorable dismissal will not be granted until full tuition and all other college dues have been paid.

Applications for scholarship aid may be addressed to the President.

**HIGH SCHOOLS.**—The College offers annually one scholarship to each of several high schools, to be awarded to the student standing highest during the last year of his High School course. Each scholarship entitles the holder to two years' free tuition in the College, subject to conditions which may be learned on application to the President of Buchtel College.

**TOWNSHIP.**—Two standing scholarships in the Academy are offered to pupils in each Township of Summit County who complete the common school course in the country schools. These scholarships are awarded to the two pupils in each township passing the best examination before the County Board of School Examiners, under the provisions of the Patterson Law.

Students winning the High School or Township Scholarships must begin their course of study not later than one year from the opening of the following school year.



## EXPENSES.

TERM BILLS—All term bills are due and payable on the first day of each half-year for the entire half-year. These bills must be paid, or arrangements for their payment made satisfactory to the Secretary of the College before entering any classes.

### COLLEGE.

FULL TUITION—Each half-year.....	\$20.00
TWO STUDIES—Each half-year.....	14.00
ONE STUDY—Each half-year.....	7.00
INCIDENTAL AND LIBRARY FEE for all students each half-year	3.50
LABORATORY FEES:	
CHEMISTRY, I and II, each.....	\$ 5.00
CHEMISTRY, III and IV, each.....	8.00
PHYSICS, I, II and III, each.....	2.50
NATURAL SCIENCE—Biology, I and II, each.....	2.25
Botany, I and II, each.....	2.25
Zoology, I and II, each.....	2.25
Geology, I.....	2.25
Neurology.....	2.25
Physiology.....	2.25

#### DEGREES conferred in course:

Bachelor's Degree .....	\$ 5.00
Master's Degree .....	10.00

The fee for a degree is payable on or before the Monday before Commencement Day.

No tuition or other fees will be refunded except for absence on account of protracted sickness, and in such cases no reduction will be made in term bills if the student maintains his class standing.

To students working in the chemical laboratory any unused balance of their deposits will be returned at the end of the year.

### YOUNG LADIES.

The entire necessary living expense in Curtis Cottage is \$4.25 a week; bills rendered and payable at the end of each month.

All lady students living and boarding away from home must live in the Cottage unless excused by the faculty.

The faculty reserves the right to assign two students to a room.

Cottage occupants supply their own bed linen, towels, toilet soap and table napkins; and also window draperies and rugs, if desired.

To a limited number of young ladies opportunities are given for self help in the Cottage.

#### YOUNG MEN.

The College does not at present provide dormitories for young men, but the faculty gives special care to the placing of young men in good families, with pleasant and comfortable home-surroundings and conveniences, and takes a kindly supervisory interest in their student life.

Rooms furnished, heated and lighted can be secured within walking distance of the College for \$1.00 a week and upwards with two in a room; with one in a room, for \$1.50 and upwards.

Good table board can be secured at \$3.50 a week.

Abundant opportunities for self-help in the city are offered young men to help defray the expenses of room and board, so that the living expense for young men run from \$1.00 a week upwards.

#### ACADEMY.

FULL TUITION—Each half-year.....	\$15.00
TWO STUDIES—Each half-year.....	10.00
ONE STUDY—Each half-year.....	5.00
INCIDENTAL AND LIBRARY FEE for all students each half-year	3.50
PHYSICAL LABORATORY FEE—Each half-year.....	1.50
CHEMICAL LABORATORY FEE—Each half-year.....	3.00

All the foregoing fees are payable at the Secretary's Office in Buchtel Hall.

No tuition or other fees will be refunded except for absence on account of protracted sickness, and in such cases no reduction will be made in term bills if the student maintains his class standing.

For more detailed information in regard to College entrance, courses and expenses, address A. B. CHURCH, Pres., or C. R. OLIN, Sec'y.

For more detailed information regarding Buchtel Academy, see page 76, and address the PRINCIPAL, or Pres. A. B. Church.

#### MUSIC AND ART.

For details of expenses see pages 89 and 90.

#### COMMERCIAL SCHOOL.

For detail of expenses see page 94.

**BUCHTEL  
COLLEGE**

FACULTY, INSTRUCTORS AND OFFICERS

1906-1907

COLLEGE

A. B. CHURCH, D. D., LL. D.,  
PRESIDENT

*Messenger-Professor of Mental and Moral Philosophy*

CHARLES M. KNIGHT, A. M., SC. D.,

*Buchtel-Professor of Physics and Chemistry*

JOSEPH C. ROCKWELL, A. M.,

*Professor of Greek and Latin.*

CHARLES BROOKOVER, M. S.,

*Professor of Natural Science*

SECRETARY OF THE FACULTY

OSCAR E. OLIN, A. M.,

*Professor of Economics and History, and Instructor in Mental and Moral  
Philosophy*

PARKE R. KOLBE, A. M.,

*Hilton-Professor of Modern Languages*

ALBERT I. SPANTON, A. M.,

*Pierce Professor of English and Literature.*

WILFRED H. SHEEK, A. M.,

*Ainsworth-Professor of Mathematics and Astronomy*

ANNA M. RAY,

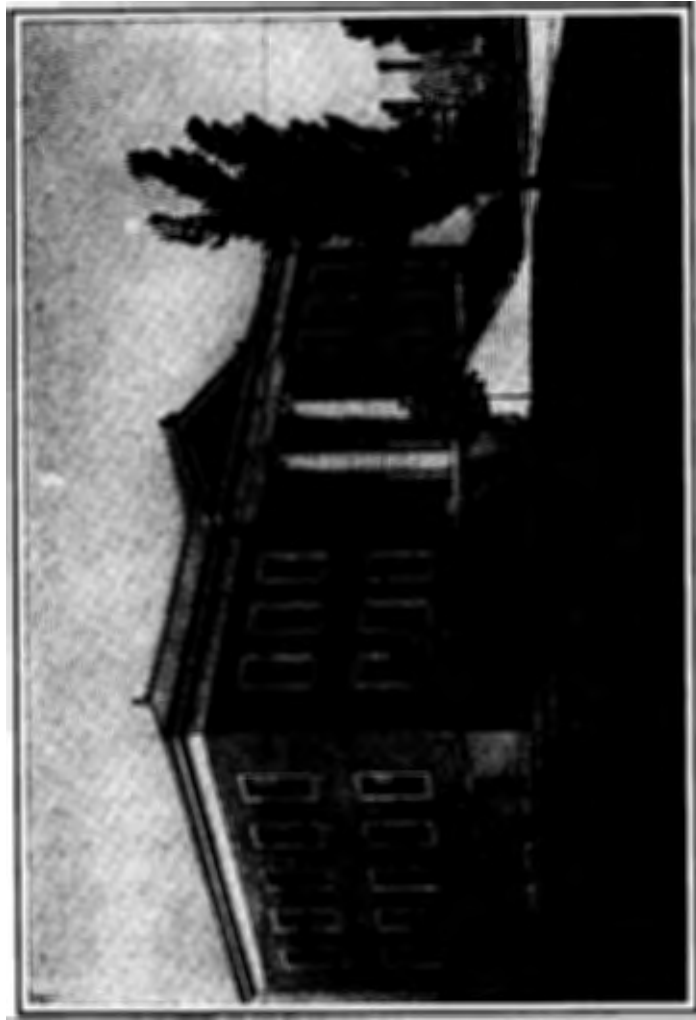
*Instructor in Oratory and Physical Culture for Young Women*

ETHEL JEFFERSON, A. B.,

*Assistant in Chemistry and Physics*

HALLIE TILSON,

*Librarian*



BUCHTEL HALL

## COLLEGIATE COURSES.

The college year is divided into two terms of nineteen weeks each, not including the Christmas and Easter recesses. It is expected that students be present on the opening day of the term, and they are not allowed to prolong their recesses beyond the specified day.

### THREE COURSES OF STUDY.

The College offers three regular courses of study, requiring the same amount of preparatory work, 14 units, and each requiring the prescribed Freshman work and 24 additional college credits for graduation, or the equivalent of four years of study in the College. These courses are:

1. The Classical Course, the usual course of that name, requiring extensive work in the Ancient Languages, and offering electives in Modern Languages, Mathematics, Latin, Greek, Literature, Philosophy and Science. This course leads to the degree of Bachelor of Arts.

2. The Philosophical Course, requiring the same work in Latin as the Classical Course, substituting the study of German for Greek, and offering the same range of electives as the Classical Course. This course leads to the degree of Bachelor of Philosophy.

3. The Scientific Course, in which the language training is mostly confined to Latin, German or French and the English language. More preparatory work in the sciences is required for admission. This course is entirely on a footing with the other courses, offering wide training in Mathematics and the Sciences, while with the liberal use of electives, the student is enabled to cover much of the ground of the other courses. This course leads to the degree of Bachelor of Science.

### ELECTIVE AND REQUIRED WORK.

In keeping with the trend of higher education, Buchtel College offers opportunities for extensive elective work. But to avoid the evils of desultoriness, every student is

advised to make out, at the beginning of the Sophomore year, a scheme for his elective work for the entire course. Members of the Faculty will gladly confer with students regarding this important matter.

#### **ADMISSION AND RECORD.**

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

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

Each candidate for college admission must have had at least a full high school preparation, or college preparatory course, amounting to 14 units and embracing the specific subjects named for college entrance.

Admission is by examination or on certificate.

In place of entrance examinations the following certificate plans will be accepted:

I. The certificates of principals of approved high schools and academies will admit students to the freshman class on probation, and such statement must be a certification of the specific subjects in which the candidate has passed satisfactory examinations covering the requirements as stated for college entrance. Such certificate must be filed with the Committee on Classification by the candidate on application for entrance. Blank forms for the record of such work will be furnished on application to the President or Secretary of the Faculty.

II. The pass-cards, certificates and academic diploma of the State Board of Regents of New York State for the subjects which they cover will be accepted for college entrance on probation. Such credentials will not, however, be accepted for advance standing.

No student will be admitted to the Freshman class who has an entrance deficiency of more than one unit, or the equivalent of a year's work.

Students admitted on probation, after reasonable trial will be advanced to full class standing on satisfactory evidence of ability and determination to maintain their class work.

Students having completed a course in Buchtel Academy 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.

#### **ADVANCED STANDING.**

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.

#### **SPECIAL STUDENTS.**

All students are advised to pursue a regular course of study, even if it cannot be completed.

But persons of proper age and character may be admitted as special students, not candidates for a degree, on the same requirements as for the scientific course, and may elect such studies as they are qualified to pursue. They must file with the Committee on Classification certificates of their previous work.

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 proportionately advanced, should they later decide to take a regular course.

On the completion of their studies, such students will be granted a certificate stating the work completed.



## REGULATIONS.

The following rules are to be observed by all students:

1. All freshman work is required.
  2. After the freshman year, four studies a half-year are counted full work.
  3. After the freshman year twenty-four credits are necessary for obtaining the Bachelor's degree, a "credit" meaning the completion of one study of four recitations per week, or its equivalent, for one half-year, the full work of the student thus being four studies or sixteen recitations per week each half-year.
  4. After the freshman year, electives are not limited to any one year, i. e., there are no sophomore, junior or senior electives, but under the direction of the Committee on Classification, the student may elect any course which he is qualified to pursue.
  5. Students are required to hand to the Secretary of the Faculty, at least two weeks before the opening of any half-year, a list of their elective studies for that half-year.
  6. No student is allowed to take more than 18 hours, nor less than 14 hours a week, a half-year, without consent of the Faculty.
  7. No student is allowed to drop a study after the opening of a half-year without the consent of the Committee on Classification.
  8. No student will be allowed to postpone a required study, or take a study in place of those prescribed, without permission of the Faculty.
  9. No student will be allowed to change his election of studies for any half-year, without permission of the Committee on Classification.
- Students are advised to take fundamental studies early in the course, i. e., in the sophomore year, such studies as are required in preparation for further work; also to follow lines of work rather than isolated studies.
10. During the course of study, unannounced examinations are held at the discretion of the professors, and an-

nounced examinations are required in case of absence or failure.

11. The thesis for graduation shall be handed in to the Secretary of the Faculty on or before the beginning of the Senior vacation.

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

13. Reports of the grades of all students are sent to parents or guardians at the close of each term.

#### **Omitted Work And Conditions.**

14. All omitted work occasioned by absence from class each month must be made up satisfactory to the teacher by the middle of the succeeding month, except the last month of the term, when work will close with the term. If not so made up the omitted work will stand against the student as a condition in that subject.

15. Except by special arrangement conditions are not to be made up during the term, but at a time appointed by the teacher in charge at the end of the term, and a fee of one dollar must be paid by the student at the College office for each such privilege. All conditions not so removed will constitute a failure and the subject must be taken over in class.

16. An absence to be excused must be explained to the professor in charge on the student's first reappearance in class.

17. Six unexcused class absences subjects the student to exclusion from that class for the term by the President. Readmission can be gained by vote of the faculty only.

#### **Chapel Absences.**

18. Absences from chapel any week in order to be excused must be explained to the president by Tuesday of the succeeding week or they will stand as unexcused absences. Six unexcused absences from chapel will subject the student to suspension from College by the President, and readmission can be gained only by a vote

of the faculty after being petitioned by the student suspended.

#### Senior Conditions.

19. Students having conditions in subjects taken must remove these by the close of the first month of the last term of the senior year or they will not be considered candidates for graduation.

### TERMS OF ADMISSION.

Unconditional requirement, (all courses): 14 units.

(A unit being a full year's work in a subject.)

#### CLASSICAL COURSE.

The candidate must present:

English (page 37).....	3 units
Mathematics (page 36).....	3 units
Latin (page 39).....	4 units
Greek (page 39).....	1 unit
Elective (from the subjects on page 36 and 37).....	3 units

#### PHILOSOPHICAL COURSE.

The candidate must present:

English (page 37).....	3 units
Mathematics (page 36).....	3 units
Latin (page 39).....	4 units
History, General (page 42).....	1 unit
Elective (from the subjects on page 36 and 37).....	3 units

#### SCIENTIFIC COURSE.

The candidate must present:

English (page 37).....	3 units
Mathematics (page 36).....	3 units
Foreign Languages (page 39 to 41).....	4 units
Sciences (page 41).....	2 units
Elective (from the subjects on pages 36 and 37).....	2 units

(Two units at least must be of one language. Not less than a full unit in the beginning of any language will be accepted toward this requirement.

#### ELECTIVE SUBJECTS.

The elective work for admission to any of the three courses may be made from the following subjects, details of which will be found on the pages referred to:—

Astronomy (page 39).....	$\frac{1}{2}$ unit
Botany (page 41).....	$\frac{1}{2}$ unit
Chemistry (page 41).....	1 unit

Civics (page 42).....	1/2 unit
History, General (page 42).....	1 unit
History, English (page 42).....	1/2 unit
History, Advanced U. S. (page 42).....	1/2 unit
Physics (page 41).....	1 unit
Physical Geography (page 42).....	1/2 unit
Physiology (page 41).....	1/2 unit
Zoology (page 41).....	1 or 1/2 unit

### DEFINITION OF UNITS.

Following is a detailed statement of the requirements in each of the various subjects that may be offered for admission to college:

#### ENGLISH, 3 Units.

The College Entrance Requirements in English, practically uniform throughout the United States, are as follows:

For 1906, 1907, 1908.

**Required for Careful Study:**—Burke's "Speech on Conciliation with America," Macaulay's "Essay on Addison," Macaulay's "Essay on Johnson," Milton's "Minor Poems," Shakespeare's "Julius Caesar."

**Required for General Reading:**—Addison's "The Sir Roger de Coverley Papers," Coleridge's "The Ancient Mariner," Eliot's "Silas Marner," Irving's "Life of Goldsmith," Lowell's "Vision of Sir Launfal," Scott's "Ivanhoe," Scott's "Lady of the Lake," Shakespeare's "Macbeth," Shakespeare's "Merchant of Venice," Tennyson's "Gareth and Lynette," "Lancelot and Elaine," and "The Passing of Arthur."

Equivalent readings may be accepted at the option of the instructor.

Students should bring a written statement from the principal or superintendent of the school attended stating definitely the books read and the amount of time given to the work. They should also bring note-books or any other evidences of the work done.

Three years, with at least four recitations a week, should be given to the preparation in English, the work in Rhetoric and Composition being done simultaneously with the reading and study of the required English and American Classics.

Students whose work proves defective in grammar, punctuation, or sentence-structure will not be allowed to remain in the

class in Freshman Rhetoric, but will be assigned work in the Academy until the deficiency is made up.

### **MATHEMATICS AND ASTRONOMY.**

Arithmetic, Algebra, Plane and Solid Geometry are required for entrance into all courses. Astronomy may be offered as one of the electives in any course, but it is required in none.

#### **Arithmetic.**

A thorough practical acquaintance with Arithmetic is a prerequisite for all work in Mathematics. Accuracy and rapidity in using the four fundamental operations, addition, subtraction, multiplication, and division, upon decimal and vulgar fractions as well as upon whole numbers is required. It is desirable that the student may have studied a book that makes some use of algebraic symbols.

#### **Algebra, 1½ Units.**

The work in Algebra should include the following subjects: Fundamental operations, factors, multiples, fractions, simple equations, methods of elimination, problems, interpretation of solutions, involution, evolution, surds, exponents, complex numbers, quadratic equations, theory of quadratic equations, simultaneous quadratics, binomial theorem for positive integral exponents, ratio, proportion, variation, series, and logarithms.

It is suggested that the time spent in preparing to meet this requirement be five 55-minute periods per week for a year and a half. It is further suggested that the work of the last half year be done late in the preparatory school course in order that there may be close and ready articulation with the required mathematics of the freshman year in college. It is especially desirable that the student come to his college work with habits of neatness and accuracy well formed, and that he have some sense of mastery over so much of mathematics as he may have studied.

#### **Geometry, 1½ Units.**

Plane and Solid Geometry. The set propositions required are those found in the older text books. Among the topics required may be mentioned: Plane rectilinear figures; the circle and the measure of angles; similar polygons; areas; regular polygons; the measure of the circle; the relations of lines and planes in space; the properties and measure of prisms, pyramids, cylinders, and cones; the sphere, and the spherical triangle.

From the demonstration of many original propositions and the solution of many original problems the student should have gained a fair degree of confidence in his own ability to build up

a geometrical proof. Accuracy of statement and elegance of form are to be emphasized.

It is suggested that the time spent in preparing in Geometry be one and one-half school years and that the work of the last half year come in the third or fourth year of the preparatory course.

#### **Astronomy, ½ Unit.**

A thorough knowledge of the fundamental facts and principles of Astronomy are required. Familiarity with so much of the science as is contained in Young's Elements of Astronomy will suffice.

### **FOREIGN LANGUAGES.**

#### **Latin. 1, 2, 3, or 4 Units.**

Four units of at least four recitations a week are required for entrance to the Classical or Philosophical courses. One, two, three or four units may be offered for entrance in the Scientific course, subject to the requirement that at least two units must be offered in some one foreign language.

**First Year (One Unit).** Collar and Daniell's First Latin Book or Bennett's Latin Lessons with twenty-five pages of Viri Romae or an equivalent.

**Second Year (One Unit).** Caesar's De Bello Gallico, Books I-IV. or an equivalent with thirty lessons in Prose Composition.

**Third Year. (One Unit).** Cicero's Orations, four against Catiline, Poet Archias, the Manilian Law, Verres and Roscius. For the last two an equivalent may be offered. Thirty lessons in Latin Prose Composition based upon Cicero.

**Fourth Year. (One Unit).** Vergils Aeneid, Books I-VI. Grammar, including Prosody (New Allen and Greenough, Bennett or Harkness.)

#### **Greek. 1 Unit.**

One year's work in Greek of at least four recitations a week is required for entrance in the Classical Course.

Beginners' Lessons in Greek. Xenophon's Anabasis, two books.

Students who have not studied Greek may begin the study in their freshman year.

#### **German. 1, 2, 3, or 4 Units.**

One, two, three or four years of German may be offered for admission to the Scientific Course. Candidates must present from former teachers a full statement of work covered, texts used and time spent. No student will be allowed to enter a higher course than German IV. without examination or personal



conference with the instructor in charge of the German Department.

The following work should be offered for one, two, three or four years' credit, respectively:

**One Year.** Joynes-Meissner's Grammar (Part I.) Fair equivalents in standard beginner's books will be accepted as substitutes. One hundred and fifty pages of simple German, in which should be embraced some of the best known songs and ballads and at least one longer story, such as Immensee, Germelshausen or Hoehel als die Kirche. The candidate should be able to pronounce German correctly, to understand and form simple sentences and to write German script.

**Two Years.** In addition to the requirements for the first year the candidate should by review have accurately familiarized himself with the principles of grammar and should be able to translate with readiness easy connected English prose into German.

He should be able to write German from dictation and should have read at least one of the easier classics beside two hundred pages of easy prose.

**Three Years.** In addition to the requirements for the first two years the candidate should have read at least two more classic dramas, and at least one hundred pages of more difficult prose, such as Die Harzreise or selections from Dichtung und Wahrheit, and should be able to discuss these freely in the German language. He should show the results of an additional year's drill in translating more difficult English prose into German either by writing or orally, and should have had instruction in the literary history of Germany in the later Classic and Modern Period.

**Four Years.** The work of this year should be a continuation on the groundwork of the first three years and should include at least eight hundred pages of reading, although a less number may be presented if such heavy works as Faust have been attempted. In addition the candidate should have a thorough knowledge of the history of German literature from the earliest periods, and should know something of Germany and modern German life. It is advised that some subjects of general practical interest such as German schools, stores, meals and amusements be treated.

#### **French. 1 or 2 Units.**

One or two years of French may be offered for admission to the Scientific Course. Candidates must present from former teachers a full statement of work covered, texts used and time spent.

The following work should be offered for one or two year's credit, respectively:

**One Year.** A thorough knowledge of the leading principles of French grammar as set forth, for instance, in Edgren (short course). An accurate acquaintance with the more common irregular verbs. The ability to translate easy English prose into French and to read easy French at sight. The ability to pronounce French and the careful reading of two hundred pages of less difficult French.

**Two Years.** In addition to the above the candidate should know accurately all irregular verbs in common use and should be able to read a page of French with accurate pronunciation. He should have read at least four hundred pages of various authors which should include two or three classic dramas. He should have had some practice in writing from dictation and should be able to translate ordinary English prose into French.

### **SCIENCES.**

#### **Physics. 1 Unit.**

Recitations at least four times per week for a school year, together with a note-book, containing the description and results of at least fifty experiments, neatly recorded.

#### **Chemistry. 1 Unit.**

Recitation three times per week for a school year, together with laboratory practice for two hours per week and a note-book, containing an account of all experiments made by the student's own hands, with sketches of the apparatus used.

#### **Zoology. $\frac{1}{2}$ or 1 Unit.**

To count for one unit, the course should extend throughout a year of 36 weeks, four times per week, reciting at least 45 minutes. One-fourth should be laboratory work in dissections and drawings. Drawings and notes should be presented to show the nature of the work done. Davenport or any good elementary text.

#### **Botany. $\frac{1}{2}$ or 1 Unit.**

If offered for one unit it should consist of thirty-six weeks of work, four times per week, at least one-fourth of which should be of the nature of field or experimental work and dissections. Andrew's or Bergen's Botany.

#### **Physiology. $\frac{1}{2}$ Unit.**

Only work done above the grades will count for entrance. It should consist of eighteen weeks' work, four times per week, of at least 45 minute periods each. Not less than about twenty hours of laboratory work, of dissections, drawings, and experi-



ments should be offered. Martin's Human Body (briefer course) revised by Fitz is recommended as a good text.

**Physical Geography or Physiography. ½ Unit.**

Four times per week for one half year. A good text book, such as Davis' Physical Geography, should be supplemented by field excursions and laboratory to cover about one-fourth of the time.

**NOTE**—In all science subjects two periods of laboratory or experimental work should count as the equivalent of one recitation.

### **HISTORY AND CIVICS.**

**Advanced U. S. History. ½ Unit.**

One half-year's work with any approved High School text book.

**General History. 1 Unit.**

The equivalent of one year's work in Ancient and Modern History, using any approved High School or Academy text.

**English History. ½ Unit.**

One half-year's work in High School or Academy, using any standard text.

**Civics. ½ Unit.**

One half-year's work in Civil Government. Only High School or Academy work accepted.



ASTRONOMICAL OBSERVATORY

**REQUIRED  
AND  
ELECTIVE  
COURSES**

## REQUIRED STUDIES.

1906-1907.

The following table shows the work of the Freshman year, for the various courses. All of the work is required.

### CLASSICAL COURSE.

First Half-Year	Hrs.	Second Half-Year	Hrs.
Greek I .....	4	Greek II .....	4
Latin I .....	3	Latin II .....	3
Mathematics I .....	4	Mathematics II .....	4
Biology I .....	2	Biology II .....	2
Rhetoric I .....	3	Rhetoric II .....	3
Gymnasium .....	2	Gymnasium .....	2

### PHILOSOPHICAL COURSE.

First Half-Year	Hrs.	Second Half-Year	Hrs.
German I .....	4	German II .....	4
Latin I .....	3	Latin II .....	3
Mathematics I .....	4	Mathematics II .....	4
Biology I .....	2	Biology II .....	2
Rhetoric I .....	3	Rhetoric II .....	3
Gymnasium .....	2	Gymnasium .....	2

### SCIENTIFIC COURSE.

First Half-Year	Hrs.	Second Half-Year	Hrs.
English XI .....	3	English XII .....	3
German I .....	4	German II .....	4
Mathematics I .....	4	Mathematics II .....	4
Biology I .....	2	Biology II .....	2
Or Mechanical Drawing and Descriptive Geome- try .....	3	Or Mechanical Drawing and Descriptive Geome- try .....	3
Rhetoric I .....	3	Rhetoric II .....	3
Gymnasium .....	2	Gymnasium .....	2

After the Freshman year the following work is required:

*For the degree of Bachelor of Arts—*

One year of Latin or Greek.  
One year of Philosophy.  
One year of Physical Science.

*For the degree of Bachelor of Philosophy—*

One half-year of Logic.  
One half-year of Political Economy.  
One year of Philosophy.  
One year of Physical Science.

*For the degree of Bachelor of Science—*

One year of Chemistry.  
One year of Physics.  
One year of Natural Science.

These required studies may be taken any year, at the option of the student, although it is recommended that the student take them in the order named.

## SCHEDULE OF CLASSES.

1906-1907.

### FIRST HALF-YEAR.

8:00	8:55 to 9:15	9:15	10:10	11:05	1:30	2:25	3:20
German V.	Chapel.	French I.	Physics III.	Physics I.	Chemistry I.	Chemistry I.	Chemistry III.
Astronomy I.	"	Mathematics I.	German I.	German III.	History I.	Chemistry III.	History of Greek.
Rhetoric I. (3)	"	Literature XI. (3)	Mathematics III.	Mathematics I.	Oratory I.	Mathematics V.	Sculpture. (3)
Latin III.	"	Greek I.	Literature I.	Literature VII.	Mech. Drawing I	German VII. (2)	Mech. Draw'g III.
Zoology I.	"	Geology I.	Greek III., V., VII.	Latin I. (3)	Biology I. (2)	French III. (2)	Gymnasium. (2)
		Political Economy I.	Neurology.	Botany I.	Literature IX.	Logic.	
				Ethics I.		Biology I. (2)	

### SECOND HALF-YEAR.

8:00	8:55 to 9:15	9:15	10:10	11:05	1:30	2:25	3:20
German VI.	Chapel.	French II.	Physics IV.	Physics II.	Chemistry II.	Chemistry II.	Surveying.
Meteorology.	"	Mathematics II.	German II.	German IV.	History II.	Chemistry IV.	History of Greek.
Rhetoric II. (3)	"	Literature XII. (3)	Mathematics IV.	Mathematics II	Oratory II.	German VIII. (2)	Sculpture. (2)
Latin IV., VI., VIII.	"	Greek II.	Literature II.	Literature VIII.	Mech. Draw'g II.	French IV. (2)	Mech. Draw'g IV.
Zoology II.	"	Geology II.	Greek IV., VI., VIII.	Latin II. (3)	Biology II. (2)	Surveying.	Gymnasium. (2)
		Political Economy II.	Psychology.	Botany II.	Literature X.	Biology II. (2)	
			Physiology.	Ethics II.		History III.	
				Natural Theology.			

Electives must be made out from this schedule. These courses are described on the following pages.  
 Courses not otherwise marked are four hours a week.

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## MENTAL AND MORAL PHILOSOPHY.

PRESIDENT CHURCH.

PROFESSOR OLIN, INSTRUCTOR.

One year of Philosophy is required of all students who are candidates for the degree of A. B. or Ph. B.

**Psychology.—(Second Half-Year.)—Tu., We., Th., Fr., 10:10.** Those electing this subject must have taken the half-year of College Physiology, giving special attention to Neurology.

Text-book, James' Psychology.

Psychology is an elective for second half-year and must be preceded by the course in Neurology. A text-book affords the basis of study, and is supplemented by oral instruction which follows the lines of modern investigation. From time to time such topics as Habit, Memory, Imagination, Illusion, Hallucination, and Alternating Personality are assigned, and the student is referred to authorities in the library and expected to write papers which are read and discussed in the class, the purpose being to familiarize the student with the library method of study and investigation, and to stimulate him to think for himself. Original problems in observation are worked out by the students, reports discussed in class and note books kept.

**Ethics I.—(First Half-Year.)—Tu., We., Th., Fr., 11:05.**

Text-book, Mackenzie.

Moral Philosophy is an elective for two half-years. The subject embraces theoretical and practical ethics and is studied with reference to the origin and development of ethical ideas as viewed in the light of modern philosophy. Text-books are used as guides, but the aim is to encourage individual research and original thought; to that end, topics are assigned at intervals during the course, and students are referred to a library of wide and well chosen reference books. Papers are written and discussed on the doctrine and influence of such men as Socrates, Plato, Kant, Berkeley, and others, and on the systems of thought advanced by the Stoics, Epicureans, Cynics, and Ascetics. The theoretical bearing of the contemporaneous problems of Education, Charities, Penology, Temperance, and Sociology is introduced and the fullest discussion invited.



**Ethics II.—(Second Half-Year.)—Tu., We., Th., Fr.,**  
11:05. Continuation of course I. with Natural  
Theology.

Text-books, Mackenzie and Valentine.

During the last thirteen weeks of the second half-year the course in Ethics is supplemented by a course in Natural Theology. The object of this course is to lead the student carefully to observe the phenomena of Nature, to trace their causes to their creative source, and to read from them the power, wisdom and beneficence of God. A text-book is used as an outline, while the student is given problems for original investigation and application, and topics for library research.

### **PHYSICAL SCIENCE.**

PROFESSOR KNIGHT.

ETHEL JEFFERSON, A. B., INSTRUCTOR.

One year of Physical Science is required of candidates for the A. B. and Ph. B. degrees.

One year of Chemistry and one year of Physics is required of candidates for the S. B. degree.

### **COURSES IN CHEMISTRY.**

**I. General Chemistry.—(First Half-Year.)—Mo., Tu.,**  
Th., Fr., 1:30 to 3:20. (Eight hours per week.)  
Descriptive Chemistry and Inorganic preparations.

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 most statements shall be confirmed by experiment and illustrated before the class; each student is further required to manufacture one or more salts under each basic element, and to explain fully the process and principles involved and exhibit to the class the results of the work.

**II. Inorganic Preparations and Qualitative Analysis.—**  
**(Second Half-Year.)—Mo., Tu., Th., Fr., 1:30 to**  
3:20. Eight hours per week. Open to students  
who have finished course I.

Separation and testing of the common metals and acids; blow-pipe tests for metals in commercial ores; lectures and "quizzes" in addition to the laboratory work.

**III. Quantitative. Analysis.—(First Half-Year.)—Mo., Tu., Th., Fr., 2:25 to 4:15. Eight hours per week. Open to students who have completed courses I. and II.**

Gravimetric and volumetric; examination of simple salts and minerals, coal, limestone, milk, water and foods.

**IV. Organic Chemistry.—(Second Half-Year.)—Mo., Tu., Th., Fr., 2:25. Five hours per week. Open to students who have taken courses I. and II.**

The instruction in Organic Chemistry consists of recitations and laboratory work. Conferences of teacher and students are held at which new theories are discussed and the latest researches are presented; work in the laboratory comprises proximate analyses and the preparation and testing of most organic products.

**V. Quantitative Analysis—Technical.—(First Half-Year.)—Eight hours per week of laboratory work required. Open to students who have taken courses I., II., III. and IV.**

Any two consecutive afternoon hours may be chosen for this work. Topics from chemical journals are assigned for reading and study. Students may select the material for investigation.

**VI. Quantitative Analysis—Mineralogy and Assaying.—(Second Half-Year.)—Ten hours per week. Assignment of hours after class is formed. Open to students who have taken courses I., II., III., IV. and V.**

Students allowed to choose the line of investigation to be followed. The course involves such a variety of methods and processes as will enable the student to undertake most chemical separations and tests. Students who have taken the course in electricity will be allowed to pursue a course in electro-chemistry and the determination of physical constants.

Industrial Chemistry is taught by lectures and laboratory practice. Whenever possible, actual products are exhibited to the 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 is taught to see the true economy of production. Illustrative of

the topics studied, visits are made to various manufacturing establishments and an opportunity is given to see manufacturing operations in actual working. Akron and the neighboring village of Barberton afford a varied field for the study of chemistry applied in the industries as shown in a partial list of prominent manufactories:

- The manufacture of illuminating and water gas.
- The making of pottery and various clay products.
- The manufacture of india rubber products, both hard and soft.
- The manufacture of paper and straw-board.
- The manufacture of artificial ice.
- The making of soda ash.
- The manufacture of paints and varnishes.

### COURSES IN PHYSICS.

The courses in physics presuppose, as preparation, a year of elementary physics, a half-year of chemistry and mathematics through analytical geometry. They include recitations and laboratory practice, together with readings from scientific journals, and cover mechanics, sound, heat, light 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 and topic reading present the recent advances of Physical Science, and point out the practical application of its principles. Quantitative determinations in the laboratory are required in all parts of the course. The subject of Photography, including its various applications in the sciences and arts, is taught by lectures and 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 is all new and for the most part quantitative. The class-room and laboratory work is supplemented by frequent visits to manufacturing plants, to study the application of physical principles in machinery and other agents.

**I. Mechanics, Pneumatics and Sound.—(First Half-Year.)—Mo., Tu., Th., Fr., 11:05. Six hours per week.**

Extra laboratory hours required. Problems are given and readings from scientific journals required.

**II. Heat, Light and Photography.—(Second Half-Year.)**

—Mo., Tu., Th., Fr., 11:05. Six hours per week.

Open to students who have finished course I.

Recitations, lectures and laboratory practice. The months of May and June are given to the practice of photography.

**III. Electricity and Magnetism.—(First Half-Year.)—**

Mo., Tu., Th., Fr., 10:10. Six hours per week.

Open to students who have taken courses I. and II.

Recitations, lectures and laboratory practice. Various laboratory manuals used.

**IV. Electricity and Its Applications.—(Second Half-**

**Year.)—**Mo., Tu., Th., Fr., 10:10. Six hours per

week. Open to students who have taken courses I., II. and III.

Recitations, lectures and laboratory practice. Visits to various manufactories where electricity is developed and applied. In this course a practical study of the application of the electric current to the telephone, telegraph, electric light, dynamo, motor and transmission of power will be undertaken.

**MODERN LANGUAGES.**

**GERMAN.**

PROFESSOR KOLBE.

MR. BULGER, ASSISTANT.

It is commonly conceded that to the average American student of the modern languages, German is the most important; consequently a large place is assigned to it. The object of this department is to enable the student to acquire rapidly a practical knowledge of German. Special attention is given to pronunciation and the training of the ear for the sounds of the German language. From the beginning, the German language is used in the class-room as the medium of teaching German. This well-tested method has yielded, during the many years of its use, very satisfactory results to all students who put forth proper efforts. Thus, this method consistently pursued during a four years' course not only guarantees to the faithful student an accurate and comprehensive knowledge, furnishing the key to the vast field of German literature, but it recognizes also the practical claims of the German language in a country where millions of German-speaking people live, where business relations and de-

mands, in their various forms, call for an actual and practical use of this language, and where, therefore, this language, above all, should become, as far as possible, a living language in the mouth of the student. In thus combining theory with practical work it is thought that the greatest good will come to the student in the pursuit of the German language through the means indicated. Below are the details of the various courses.

**I. (First Half-Year.)—Mo., Tu., We., Th., 10:10.**

Joynes-Meissner's Grammar, Part I.; written grammar exercises from English into German. Fables and poems from Hewett's German Reader. Simple conversation.

**II. (Second Half-Year.)—Mo., Tu., We., Th. 10:10.**

Review of grammar; rapid oral translation of all English sentences into German; Storm's Immensee; Hillern's Hoehrer als die Kirche; Gerstaecker's Garmelshausen.

**III. (First Half-Year.)—Mo., Tu., We., Th. 11:05.**

Schiller's Wilhelm Tell; Poll's Prose Composition and Von Jagemann's Syntax; Lessings Minna von Barnhelm. A series of lectures on German Literature, dictated in the German language, will be begun in this course and will continue through Ger. IV., V. and VI.

**IV. (Second Half-Year.)—Mo., Tu., We., Th. 11:05.**

Scheffel's Der Trompeter von Saekkingen; Goethe's Hermann und Dorothea; prose composition; German dictation lectures. (See Course III.)

**V. (First Half-Year.)—Mo., Tu., We., Th. 8:00.**

Schiller's Wallensteins Tod; Heine's Harzreise; selections from Goethe's Dichtung und Wahrheit; Kron's German Daily Life; German letter forms and essays; German dictation lectures. (See Course III.)

**VI. (Second Half-Year.)—Mo., Tu., We., Th. 8:00.**

Goethe's Egmont; Lessing's Nathan der Weise; Simm's Life of Lessing; Boyesen's Lives of Goethe and Schiller; German dictation lectures, (see Course III.); review of History of German Literature, (written in German).

**VII. (First Half-Year.)—Tu., Th., 2:25.**

The same amount of time for study and preparation will be required in this course as in a full course, reciting four hours

per week, and one credit will be given for its successful completion.

Schiller's *Don Carlos*; Schiller's *Der Neffe als Onkel*, or similar work for rapid reading and discussion without translation; Scherer's *History of German Literature*; German essays and criticisms.

**VIII. (Second Half-Year.)**—Tu., Th., 2:25. See condition for Course VII.

Goethe's *Faust*, (Part I.); Grimm's *Life and Times of Goethe*, Boyesen's *Commentary on Faust*; Goethe's *Meisterwerke*.

**IX. (First Half-Year.)**—One recitation per week, time to be arranged according to convenience of students and instructor.

This course is open to students who have completed Course VI. and to a limited number of others at the discretion of the instructor and upon personal application. The combination of Courses IX. and X. give one credit. No credit will be given for either Course IX. or Course X. alone.

The work of Course IX. will consist of lectures, research, conferences and note-books and will be carried on in English. The following subjects will be discussed: theories of the origin of language; a brief survey of the field covered by Comparative Philology, with a few working principles illustrated; a historical study of German grammar.

**X. (Second Half-Year.)** See conditions for Course IX.

A study of Middle High German and early New High German authors. Recitations, conferences and papers.

#### FRENCH. PROFESSOR KOLBE.

**I. (First Half-Year.)**—Mo., Tu., We., Th. 9:15.

Edgren's *Grammar*; written grammar exercises from English into French; Super's *Reader*.

**II. (Second Half-Year.)**—Mo., Tu., We., Th. 9:15.

Review of grammar; special drill on irregular verbs; prose composition; Musset's *Pierre et Camille*; La Brete's *Mon Oncle et mon Cure*.

**III. (First Half-Year.)—Mo., We. 2:25.**

The same amount of time for study and preparation will be required in this course as in a full course, reciting four hours per week, and one credit will be given for its successful completion.

Racine's Phedre; Merimee's Colomba; prose composition; Moliere's Le Misanthrope.

**IV. (Second Half-Year.)—(See conditions for Course III.)**

Corneille's Le Cid; Sand's La Mare au Diable; selected short stories by modern authors; dictation and prose.

**GREEK.**

PROFESSOR ROCKWELL.

One year of elective work in Greek or Latin is required of candidates for the A. B. degree. The elective courses this year are VII. and VIII.

During the Freshman year the drill in forms and grammar is continued daily, and attention is given to the history and literature.

In the advanced courses the great masterpieces of prose and poetry are studied in their proper historical and literary setting, and the effort will be made during the three years' rotation of courses for the student to become more thoroughly acquainted with the lives and works of a small number of selected authors. As far as is admissible, some attention is given in connection with the regular work to Greek Private Life.

Students who have not had the opportunity of studying Greek may begin the study their Freshman year.

**I. Lucian (Selections); Homer (Iliad Selections); Literature.—(First Half-Year.)—Tu., We., Th., Fr., 9:15. Required of Classical Freshmen.**

**II. Plato (Apology and Crito); Euripides (Medea); Literature.—(Second Half-Year.)—Tu., We., Th., Fr., 9:15. Required of Classical Freshmen.**



- III. Herodotus (Book VI.); Aristophanes (Clouds, with special reference to Greek Private Life.) (First Half-Year.)—Tu., We., Th., Fr., 10:10. For 1907-1908.
- IV. Æschylus (Persians); Æschines (Against Ctesiphon).—(Second Half Year.)—Tu., We., Th., Fr., 10:10. For 1907-1908.
- V. Isocrates Panegyricus); Pindar (Selected Odes). (First Half-Year.)—For 1908-1909.
- VI. Sophocles. (Edipus Tyrannus); Demosthenes (Philippics); Selections from Greek Lyric Poetry. (Second Half-Year.)—For 1908-1909.
- VII. Aristophanes (Birds, with special reference to Greek private Life); Thucydides (Book VII.)—First Half-Year.)—Tu., We., Th., Fr., 10:10. 1906-1907.
- VIII. Demosthenes (De Corona); Euripides (Iphigenia among the Taurians).—(Second Half-Year.)—Tu., We., Th., Fr., 10:10. For 1906-1907.

## LATIN.

PROFESSOR ROCKWELL.

One year of elective work in Greek or Latin is required of candidates for the A. B. degree. The elective courses for 1906-1907 are III., IV., V. and VI.

- I. Cicero (De Senectute); Plautus (Mostellaria).—(First Half-Year.)—Tu., Th., Fr., 11:05. Required of Classical and Philosophical Freshmen.

During the Freshman year a careful study is made of grammatical forms, syntax and idiomatic expressions, and written translations constitute a prominent feature of the work.

- II. Pliny (Selected Letters).—(Second Half-Year.)—Tu., Th., Fr., 11:05. Required of Classical and Philosophical Freshmen.



- III. Livy (Books XXI-XXII); Plautus Trinummus Captivi.—(First Half-Year.)—Tu., We., Th., Fr., 8:00. Courses III. and IV. are open to students who have completed I. and II.**

During this year's work in Latin III. and IV., one recitation a week will be devoted to Roman Private Life. This work will consist of lectures and collateral reading designed to supplement the reading courses and will continue the work previously taken up. The domestic, social and industrial life, the customs, dress and implements of the Romans will be described and illustrated. The Private Life of the Romans by Johnston will be used as text-book.

- IV. Terence (Andria); Horace (Odes and Epodes).—(Second Half-Year.)—Tu., We., Th., Fr., 8:00.**

- V. Lindsay's Latin Inscriptions. Selections from the more prominent Latin authors.—(First Half-Year.)—Twice a week at hour to be arranged. 1906-1907. Open to students who have completed III. and IV.**

In courses V. and VI. there will be lectures on the laws in accordance with which the Latin language developed and also on the History of the Literature. Several authors will be studied at greater length. Those for the year 1906-1907 will be Horace, Juvenal and Martial.

- VI. Juvenal (Selected Satires); Martial (Selected Epigrams).—(Second Half-Year.)—1906-1907. Twice a week at hour to be arranged.**

- VII. Tacitus (Annals XI.-XVI); Suetonius (Claudius and Nero). (First Half-Year.)—For 1907-1908.**

- VIII. Cicero (Selected Letters); Catullus (Selected Odes). (Second Half-Year.) For 1907-1908.**

### **HISTORY OF GREEK SCULPTURE.**

**PROFESSOR ROCKWELL.**

Entire year. Two hours per week. Given in 1907-1908. This has been planned as a general course and will not require work in Greek or Latin. It will consist largely of lectures.

There will be a short introduction setting forth the relation of Greek Art to the Art of Egypt, Assyria and Phoenicia, and this will be followed by a discussion of the various periods and schools of Greek Sculpture and the more important artists. The subject will be illustrated by photographs and lantern-slides. Tarbell's History of Greek Art will be made the basis of the course, and some collateral reading in histories of art will be required. The ability to read German, though not absolutely necessary, will be decidedly advantageous.

Note books of the students will be examined by the instructor from time to time.

The course must be taken the entire year to count in any way as a credit and it is open only to Juniors and Seniors.

## MATHEMATICS.

PROFESSOR SHERK.

The courses in Mathematics are designed to give the student a thorough drill in logical thinking, and so to familiarize him with the fundamental truths and methods as to open before him the possibility of advanced work. The needs of those students who wish to study Mathematics for the sake of its applications are kept in mind.

Courses I-V and given each year. Courses VI-VII will be given when there is sufficient demand and time will permit.

**I. College Algebra. (First Half-Year.)** Tu., We., Th., Fr., two sections, 9:15 and 11:05, required of all Freshmen. Text: Wentworth's College Algebra.

Indeterminate equations, progressions, theory of limits, derivatives, development of functions in series, partial fractions, binomial theorem, convergency and summation of series, logarithms, permutations and combinations, elementary theorems in theory of equations, elements of determinants.

**II. Plane and Spherical Trigonometry. (Second Half-Year.)** Tu., We., Th., Fr., two sections, 9:15 and 11:05. Required of all Freshmen. Text: Crockett's Plane and Spherical Trigonometry.

Trigonometric functions and formulae, logarithmic functions, trigonometric equations, solution of right and oblique angled plane triangles; De Moivre's Theorem and trigonometric series, solution of right and oblique angled spherical triangles, applications.

**III. Analytic Geometry. (First Half-Year.)** Tu., We., Th., Fr., 10:10. Open to those who have completed Courses I and II. Text: Smith and Gale, Elements of Analytic Geometry.

The point, right line, circle, parabola, ellipse and hyperbola in Cartesian and polar coordinates; discussion of the general equation of the second degree; elements of Solid Analytic Geometry.

**IV. Differential Calculus. (Second Half-Year.)** Tu., We., Th., Fr., 10:10. Open to those who have taken Course III. Text: Granville's Differential and Integral Calculus.

Differentiation of functions of one and several variables, development of functions, indeterminate forms, maxima and minima of one and several variables, tangents and normals, asymptotes, direction, contact and curvature, evolutes and involutes, envelopes, singular points, curve tracing.

**V. Integral Calculus. (First Half-Year.)** Tu., We., Th., Fr., 2:25. Continuation of Course IV. Text: Granville's Differential and Integral Calculus.

Integration of elementary forms, of rational and irrational functions, of trigonometric and exponential functions; multiple integrals; rectification of curves; quadrature of plane and curved surfaces; cubature of volumes; applications to Mechanics.

**VI. Analytic Mechanics.** Open to those who have completed Courses IV and V. Text: Bowser's Analytic Mechanics.

**VII. Theory of Equations and Differential Equations.** Open to those who have completed Courses IV and V. Texts: Burnside and Panton's Theory of Equations. Murray's Differential Equations.

## **SURVEYING.**

PROFESSOR SHERK.

**Surveying I.** Two hours each day for field work. (Second Half-Year.) Tu., We., Th., Fr., 2:25.

Open to those who have completed Courses I. and II. in Mathematics.

Careful study of the fundamental principles; adjustment of instruments; field work with chain, tape, level, transit; measuring distances, angles, areas; profile and contour work; land surveying; laying out curves; drawings of all work done.

## **MECHANICAL DRAWING AND DESCRIPTIVE GEOMETRY.**

PROFESSOR SHERK.

C. R. OLIN, INSTRUCTOR.

Each year the demand has been stronger that it be made possible for a student to obtain such work in his Literary Course, as to shorten his Course in a Technical School by two years. Buchtel College intends to continue distinctly as a College of Liberal Arts and Letters, but it has seemed wise to yield to the demand to a certain extent. Two years' work in Mechanical Drawing and Descriptive Geometry, and a half-year's work in Physics have been added. This work will be such as will be accepted at full value by any Technical School.

A student looking forward to a Technical course after finishing the Literary Course should make it known to the Classification Committee and the professors in charge, that a proper selection and election of work to this end may be made.

**I. Elementary Mechanical Drawing.** (First Half-Year.) Tu., We., Fr., 1:30-3:20. Two hours drafting or recitation, and at least one hour outside preparation each day. Texts: Anthony, Elements of Mechanical Drawing. Sherman, Lettering.

Drawing Outfit includes Set of Drafting instruments, drawing board, T-square, triangles, curve ruler, triangular scale, etc., and costs about \$10 for a satisfactory outfit. Good work cannot be expected with an inferior set of tools.

The work includes—use of drawing instruments, elementary geometrical drawing, lettering, orthographic projections, tracing, blue-printing, etc.

Courses I. and II. are elective in place of Biology for Scientific Freshmen.

**II. Descriptive Geometry. (Second Half-Year.)** Tu., We., Fr., 1:30-3:20. Two hours drafting or recitation and at least one hour of outside preparation each day. Text: Church, Descriptive Geometry. Prerequisites: Solid Geometry and Drawing Course I.

The work includes—representation of points, lines, planes, and intersections in orthographic projection; curved lines, tangents, development and intersection of surfaces, and simple pattern making.

**III. Advanced Mechanical Drawing. (First Half-Year.)** Two hours in drafting room each day. Tu., We., Th., Fr., 3:20-4:15 and one other hour to be selected. Text: Johnston, Manual of Mechanical Drawing. Prerequisites: Drawing Courses I and II.

**IV. Machine Drawing. (Second Half-Year.)** Two hours in drafting room each day. Tu., We., Th., Fr., 3:20-4:15, and one other hour to be selected. Continuation of Course III.

## **ASTRONOMY.**

PROFESSOR SHERK.

Courses I. and II. are primarily for the general student and are given every year. They furnish an opportunity of becoming acquainted with the general facts and methods of Astronomy and Meteorology. Courses III. and IV. are for the student who wishes a foundation for extended work in Astronomy and will be given when there is sufficient demand.

**I. Descriptive Astronomy. (First Half-Year.)** Tu., We., Th., Fr., 8:00.

Text: Young, Manual of Astronomy.

Prerequisite: Courses I. and II. in Mathematics.

The celestial sphere, astronomical instruments, introduction to fundamental problems of practical Astronomy and general laws of Celestial Mechanics, sun, earth, other planets, moon, stars, comets, nebulae; illustrated by the instruments of the observatory.

**II. Meteorology. (Second Half-Year.)** Tu., We., Th., Fr., 8:00

Text: Davis, Elementary Meteorology.

Temperature, air pressure, winds, clouds, moisture, precipitation, atmospheric optics and electricity; general, secondary and special circulation of the atmosphere; weather and weather predictions; general climate and climate of the United States.

**III. Practical Astronomy. (First Half-Year.)**

Text-book: Campbell's Practical Astronomy.

Methods of observation with the different instruments; methods of making corrections and reduction of observations; determination of time, latitude and longitude.

**IV. Theoretical Astronomy. (Second Half-Year.)**

General laws of Kinetics, of Central forces; problems of two bodies; theories of solar heat; double star orbits.

Lectures, supplemented by reference reading.

**ENGLISH.**

PROFESSOR SPANTON.

**RHETORIC AND COMPOSITION.**

**I. (First Half-Year.)** Mo., Tu., We., 8:00. Required of all Freshmen.

Text-book: Scott and Denney's Paragraph Writing.

A study of the principles and the structure of the paragraph and the whole composition. Recitations, frequent drill in paragraph-writing, occasional longer themes.

Students whose work proves notably defective in grammar, punctuation, or sentence-structure will not be allowed to remain in this class, but will be assigned work in the Academy until the deficiency is made up.

**II. (Second Half-Year.)** Mo., Tu., We., 8:00. Required of all Freshmen.

**Text-book:** Cairns' Forms of Discourse.

The principles of Narration, Description, Exposition, Argumentation, and Persuasion. Recitations, one long theme per week. One hour is given each week to the study of Poetics.

### **LANGUAGE AND LITERATURE,**

Beginning with the year 1907-08, the courses in the English Language and Literature, except I., II., XI., and XII., will be given only in alternate years. In 1907-08, 1909-10, etc., courses V., VI., IX., and X. will be offered; in 1908-09, 1910-11, etc., courses III., IV., VII., and VIII. By carefully planning their work at the beginning of the Sophomore year, students who wish to specialize in this department, may take, during their last three years in college, all the elective courses offered in the English Language and Literature.

**I. (First Half-Year.)** Mo., Tu., We., Fr., 10:10.

**II. (Second Half-Year.)** Mo., Tu., We., Fr., 10:10.

Courses I and II cover the whole field of English Literature in outline. The work includes:

(a) The history of English Literature. Text-book: Moody and Lovett. Recitations and lectures.

(b) The reading in class of masterpieces illustrating literary types and representing the main movements in English Literature. In addition, supplementary work is assigned for outside reading, and written reports are required on the reading done.

Students who intend to specialize in English Literature should elect these courses in their Sophomore year. Other students, who desire only a general acquaintance with English Literature, may elect this work later in their course.

**III. Anglo-Saxon. (First Half-Year.)** Mo., Tu., We., Fr., 1:30. (Not given in 1906-07.) This course will not be given unless at least five students elect it.

**IV. Chaucer and the History of the English Language. (Second Half-Year.)** Mo., Tu., We., Fr., 1:30. (Not given in 1906-07.)

**V. The Drama to 1642.** With special emphasis on Shakespeare and his contemporaries. **(First Half-Year.)** Mo., Tu., We., Fr., 11:05. (Not given in 1906-07.)



**VI. The English Novel. (Second Half-Year.)** Mo., Tu., We., Fr., 11:05. (Not given in 1906-07.)

**VII. Nineteenth-Century Poetry. (First Half-Year.)** Mo., Tu., We., Fr., 11:05.

Studies in Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, Landor, Tennyson, The Brownings, Clough, Arnold, Rossetti, Morris, and Swinburne. Text-book: Page's British Poets of the Nineteenth Century. Recitations, lectures, written reports.

**VIII. Nineteenth-Century Prose. (Second Half-Year.)** Mo., Tu., We., Fr., 11:05.

Studies in the representative works of Coleridge, Lamb, Landor, De-Quincey, Macaulay, Carlyle, Ruskin, Arnold, Newman, and Pater. Recitations, lectures, written reports.

**IX. The Bible as Literature. (First Half-Year.)** Mo., Tu., We., Fr., 1:30.

The work includes:

(a) A study of the Bible as literature, its oratory, its poetry and song, its most notable examples of the forms of prose discourse, narration, description, exposition, argumentation, and persuasion. Wholly apart from its religious value, the Bible is of supreme importance because of its literary worth. Surely no person, and least of all the college student, can rightly claim to possess a knowledge of English Literature if he be ignorant of that Book which is itself the noblest literature.

(b) A study of the influence of the Bible on English and American Literature. The Bible has influenced the life, language, and literature of English-speaking people more widely and deeply than has any other book. Hence it is not only difficult, but impossible, for a person ignorant of the Bible to understand and appreciate what is best in English and American Literature.

**X. American Literature. (Second Half-Year.)** Mo., Tu., We., Fr., 1:30.

A rapid survey of the literature of the Colonial and Revolutionary Periods; then a study of the best work of Irving, Bryant, Poe, Hawthorne, Emerson, Thoreau, Longfellow, Whittier, Lowell, Holmes, Whitman, and Lanier. In the study of the poets Page's Chief American Poets is used as a text-book. Recitations, lectures, written reports.

**XI. Introduction to Prose. (First Half-Year.)** Mo., We., Fr., 9:15. Required of Freshmen in the Scientific Course.

A study of typical examples of the best English and American essays and orations.

**XII. Introduction to Poetry. (Second Half-Year.)** Mo., We., Fr., 9:15. Required of Freshmen in the Scientific Course.

A study of typical examples of the best narrative, lyric, and dramatic poetry.

**NATURAL SCIENCE.**

PROFESSOR BROOKOVER.

One year of Elective Natural Science required of candidates for the degree of B. S.

The courses in Natural Science are so arranged that students who plan early in their course, can probably cover them all without conflict. Zoology and Botany should be taken first in the Sophomore and Junior years. Geology should follow in the Senior year. Proficiency in Natural Science cannot be acquired in shorter time than is devoted to a foreign language. This time is usually not less than one subject for a period of three or four years:

**I. Biology I. (First Half-Year.)** Four periods of laboratory work, Mo., at 1:00 to 4:00 or Th., Fr., 1:30 to 3:20. Required of Freshmen. Counts as two recitations.

Text-book: Jordan and Kellog's Animal Life.

This is a laboratory course in Zoology. The course is planned to accomplish two things. The first aim is to train pupils to accuracy of observation in laboratory work. The second is to gain some definite idea of the structure and function of living organism. As many of the fundamental animal types are studied and drawn as the time will permit. Pupils learn the use and care of the compound microscope, and a study of some of the unicellular forms precedes lectures on the cell as the unit of biology.

**II. Biology II. (Second Half-Year.)** Mo., at 1:00 to 4:00 or Th., Fr., at 1:30 to 3:20. Required of Freshmen. Counts as two recitations.

This is a continuation of the biological studies commenced in Biology I. The Botanical side of the work commences with microscopic forms of Algae and Fungi. Emphasis is placed on their method of living and reproduction. Bacteria are studied in the laboratory, and sanitary conditions and infection by germs are discussed in the lectures. The relationship of plants to animals is discussed. The relation that animals bear to the life of man and to other animals is pointed out. These things should be of general interest to all. The work ends with a comparison of spores and seeds, and a study of the tissues and reproductive processes in the higher plants.

**III. Zoology I. Invertebrate Zoology. (First Half-Year.)** Mo., Th., Fr., 8:00. Laboratory, We., 1:00 to 4:00.

This is a course in Systematic Zoology. A large number of types are examined, dissected, and drawn. Their relationships are brought out by lectures and a suitable text. The lectures are illustrated by charts and lantern-slides. The laboratory work is supplemented by a study of the College's collection of microscopic slides. Students are encouraged to make such slides for themselves. The College furnishes the necessary reagents and a Minot Automatic Rotary Microtome. This course with Zoology II. forms an indispensable preparation for Geology II.

**IV. Zoology II.—Vertebrate Anatomy. (Second Half-Year.)** Mo., Th., Fr., 8:00. Laboratory, We., 1:00 to 4:00.

This continues the work of Zoology I. by dealing with the Chordates. As in the preceding course, one-half of the time is devoted to the examination of slides, to dissections and drawings. The embryology of at least one type from the five great classes of Vertebrates, will be studied from laboratory preparations.

**V. Botany I.—Histology and Physiology. (First Half-Year.)** Mo., We., Th., Fr., 11:05.

In this course the cell and tissue structure are studied, and experiments in Plant Physiology conducted. The student is encouraged to prepare and stain permanent microscopic preparations for himself. One-half of the time is devoted to recitations and lectures.

**VI. Botany II.—Systematic Botany. (Second Half-Year.)** Mo., We., Th., Fr., 11:05.

Half of the time is devoted to the laboratory study of types of Thallophytes, Bryophytes, Pteridophytes, and Spermaphytes. Their relationships are brought out by lectures and recitations. This course should precede Geology II.

**VII. Geology I. Structural and Dynamical Geology and Mineralogy. (First Half-Year.)** Mo., We., Th., Fr., 9:15.

Text-book: Le Conte's Elements.

One day each week is devoted to mineral classification, blow-pipe analysis in the laboratory and to crystallography. A knowledge of chemistry is a prerequisite. Structural and Dynamic Geology are studied in the field as largely as conditions will permit. Excursions are made to points of special interest near Akron.

**VIII. Geology II.—Historical Geology. (Second Half-Year.)** Mo., We., Th., Fr., 9:15.

Text-book: Le Conte

Open only to those who have completed Geology I., and Zoology I. and II. It is better to have Botany II. precede this course.

In this course the work of the preceding course is continued by a study of the development of the American continent, and of the life forms that dominated in the past. Reference to the U. S. Geological Survey reports and to many papers and monographs is encouraged.

**IX. Neurology. (First Half-Year.)** Mo., Th., Fr., 10:10. Laboratory Work. We., 1:00 to 4:00.  
Biology I. and II. prerequisites.

This course is a preparation for Psychology. Half of the time is devoted to laboratory work. Drawings are made of sections of the brains of different vertebrates. Later the anatomy and physiology of the sense organs are taken up. Lantern slides and charts illustrate the lectures. The course is a prerequisite for Psychology.

**X. Physiology. (Second Half-Year.)** Mo., Th., Fr.,  
10:10. Laboratory, We., 1:00 to 4:00.

Biology I. and II. are prerequisites and the student must have had an elementary course in Chemistry and Physics.

This course may follow Neurology or be taken independently of it. It deals with the physiology of muscles, of respiration and circulation, and of digestion. If it is taken either before or after the Neurology it completes a course in General Physiology. About half of the time is to be devoted to laboratory work.

## **ECONOMICS AND HISTORY.**

PROFESSOR OLIN.

### **ECONOMICS.**

One year of Political Economy required of candidates for the degree of Ph. B.

Such students as desire to take all the work in this department are advised to take courses I. and II. in the Junior year and course III. in the Senior year.

The courses, in this department, after course I., are given in alternate order, thus enabling the student to take one and a half year's work in place of one. The object of the work is to give the student a comprehensive grasp of the leading economic and political theories and their application to present-day problems. Emphasis is placed upon theoretical and historical development as alone affording a sure basis for the more practical part of the work.

### **Economics I.—Political Economy. (First Half-Year.)**

Tu., We., Th., Fr., 9:15. Text-books: Ely's Outlines and Bullock's Introduction to Political Economy, supplemented by essays, collateral readings and observations.

An introductory course, designed for the study of the leading principles of the science and aiming to acquaint the student with the data of economic inquiry and the nature of economic laws. Preceding the study of the text, a course of lectures is given upon the evolution of modern industrial society, embracing a study of the development of our modern industrial conditions from the twelfth century to the present time. Each student is required to devote considerable time to some local problem.

**Economics II.** (Given in 1906-1907) a.—**Political Science**  
(Second Half-Year.) Tu., We., Th., Fr., 9:15.  
Four hours a week. Text-books: Fisher's Evolution  
of the Constitution, Cooley's Constitutional  
Law.

A study of the outlines of American Constitutional History  
and the interpretation of the American Constitution by the  
Federal Courts. The student is familiarized with the main land-  
marks of our constitutional life and given a clear conception of  
the meaning of our constitutional government.

b.—**A Study of Federal Government.** (Second  
Half-Year.) Tu., We., Th., Fr., 9:15. Four  
hours a week.

This course designs a study of Federal Government, by a  
comparative study of the organization of the Federal govern-  
ments of the world. Lecture, literary and research work.

**Economics III.** (Omitted in 1906-1907) a.—**Sociology.**  
(Second Half-Year.) Tu., We., Th., Fr. Four  
hours a week. Text-book: Fairbank's Introduc-  
tion to Sociology is read, essays, and library work.

An elementary course designed to introduce the student to the  
principles of human association and to develop the power of ob-  
serving and analyzing social facts.

b.—**Economic Problems.** (Second Half-Year.)  
Tu., We., Th., Fr., 9:15. Four hours a week.

A detailed study of the problems and theories involved in  
some of the great economic questions now before the American  
people, such as railroad transportation, taxation, corporations,  
money, and banking. The work is based upon some authorita-  
tive text, and includes library work and the drafting of bills and  
debating them in class.

## HISTORY.

I. **History of England to the Seventeenth Century.**  
(First Half-Year.) Tu., We., Th., Fr., 1:30.

Text-book: Terry. Green, Gardiner, Montgomery, Macaulay and others in the College library are used for reference.

As the history of England involves the interests of other countries, there must be additional subjects of study; any general history of Europe is helpful.

Lack of elementary English history and of historical reading is a serious want to the student. Such books as the following are recommended: Bulwer-Lytton's Harold, Kingsley's Hereward and Westward Ho; Shakespeare's English historical plays, —a part of the required work—Tennyson's Harold, Becket and Queen Mary, Scott's historical novels, Macaulay's and Thackeray's historical essays.

**II. History of England to the Twentieth Century. (Second Half-Year.)** Tu., We., Th., Fr., 1:30. A continuation of course I. Text-book and references as above.

**III. History of Western Europe. (Second Half-Year.)** Tu., We., Th., Fr., 2:25. Text-book: James Harvey Robinson's History of Western Europe.

The story of Western civilization from the time of the Romans. The rise of the states of modern Europe. The development of the political, religious, social, and industrial systems of the Middle Ages, and their out-growths of today. The great movements that were common to the nations, with the special history of each state.

## LOGIC.

PROFESSOR OLIN.

**I. Logic. (First Half-Year.)** Tu., We., Th., Fr., 2:25. The text-book, Jevon's Advanced Logic. Any other logic is good for reference, especially Mill and Bain. Required of all candidates for the degree of Ph. B.

Logic is the study on the thought side of concepts, judgments, inferences; on the language side of terms, propositions, arguments; in other words, the study of correct processes of thought. It analyzes induction, traces its steps from observation, compar-



ison, inference, proof, to the generalization of truths; it is the scientific method.

It passes not only from the particular to the general, but from the general to the particular, and points out in each case both the right way and the wrong.

It would be well for students to elect logic early, because inductive and deductive reasoning are fundamental to all other studies.

## **ORATORY.**

**MISS RAY.**

- I. Technique and Art of Expression. (First Half-Year.)** Mo., Tu., We., Th., 1:30. Oration. Literary interpretation.
- II. Literary Interpretation. Dramatic Work. (Second Half-Year.)** Mo., Tu., We., Th., 1:30. Open to those who have completed course I.

The object of this course is to acquire such harmony between mind and body that the body shall become the intelligible and agreeable medium of expression for the soul. Care is taken to develop by proper breathing a musical, resonant and flexible tone of voice, and to develop grace and force in the intelligent interpretation of thought and feeling.

Text-book theories are supplemented by physical exercises, by analyzing thought compositions, and by the interpretation of authors.

The work will be pursued in connection with the work in Rhetoric and Literature throughout the course, and professional instruction will be furnished the students for drill in their preparation for public contests in the College.

## **DEPARTMENT OF PHYSICAL TRAINING.**

**MR. SHIPMAN.**

The regular gymnasium drill for young men will begin about the middle of October and will close the last of March. This work is required of all first year students of the College and all preparatory school students, but may be elected by others.

The drill consist of light calisthenics, dumb-bell sets and club-swinging by the entire class, and the work is directed to develop good form and to give complete control of the muscles of the body by light exercises. It aims to secure lightness, agility and grace rather than strength. Those students who are far enough advanced will be formed into special classes for work on the bars, fancy club-swinging and track-work.

The gymnasium has been equipped with a very heavy running mat and a vaulting block, so that sprinting, hurdling and vaulting can be practiced during the winter. Near the close of March a Men's Gymnastic Exhibition will be held and many of the events will be preparatory for the Track Meet in the spring. The Exhibition counts as the examination in this course. Work on any of the other teams does not excuse attendance from the regular drill.

The gymnasium will be open for visitors only on Visiting Days and on other occasions only by special permission of the President or the Instructor in this department.

A limited number of resident students may be admitted to the drill by application to the Committee of the Faculty on Athletics and the payment of the incidental fee of \$3.50 for the entire period of four months.

Lectures will be given upon the physiology of exercise, diet, etc. An examination upon them will be given at the end of the year.

The Athletic Association is honored by the gift of the Medal presented by Mr. Frank Talbott Fisher, of New York, and also by his very generous donation of prizes for the Track Meet. They consist of two cups of the value of \$50 each and a Medal and are given under the following conditions:

The Individual Cup is to be awarded to the Athlete making the greatest number of points in the Track Meet, and must be won by him three years in succession in order to become his permanent property. In 1905 this cup was awarded to Frank S. Goehring, '08.

The Class Cup is the permanent property of the Athletic Association and is to be competed for by classes each year. An honorary position upon the cup is awarded the name of the class scoring the greatest number of points in each annual Track Meet. In 1905 this cup was awarded to the class of 1905.

The Medal is to be given to the Athlete scoring the greatest number of points, and at once becomes his personal possession.

One such medal is to be offered for each annual Track Meet. In 1905 this Medal was awarded to Frank S. Goehring.

The Individual Cup and the Medal are open to all academic students of the College and Academy who are bona fide students (not counting courses in music and art.) The Class Cup is open to the four College classes.

The annual Track Meet to compete for these prizes will be held early in June of each year.

## **PHYSICAL CULTURE FOR YOUNG WOMEN.**

**MISS RAY.**

The gymnasium drill for young women will begin about the middle of November and close about the first of April. This work is required of all first year College students and all Academy students, and may be elected by others. The purpose of this work with the young women is practically the same as that with the young men, and will be conducted under regulations and with apparatus suitable to secure this end.

**BUCHTEL  
ACADEMY**

# TEACHERS AND OFFICERS OF BUCHEL ACADEMY

For the Year 1905, 1906 and 1907

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AUGUSTUS B. CHURCH, A. M., D. D., LL. D.,

PRESIDENT

GODFREY CHARLES SCHAIBLE, A. B.,

*Principal, and teacher of German and History*

CHARLES M. KNIGHT, A. M., SC. D.,

*Director of Physics*

JOSEPH C. ROCKWELL, A. M.,

*Director of Greek and Latin*

OSCAR E. OLIN, A. M.,

*Teacher of English*

M. ALICE RINES, A. M.,

*Teacher of Latin and Greek*

ETHEL JEFFERSON, Ph. B.,

*Teacher of Mathematics and Science*

CHARLES H. SHIPMAN, A. B.,

*Teacher of Physical Science, Mathematics, and Physical Training for Young Men, and Director of Athletics.*

ANNA M. RAY,

*Teacher of English, Expression and Physical Culture for Young Women*

MAY F. SANFORD,

*Teacher of Drawing*

## GENERAL INFORMATION.

Recognizing that students coming from all parts of Ohio and the adjoining states, to enter college, have not the same preparation, and that many of them are deficient in or lack some branch of study essential to College admission, the Trustees established an Academy in which all deficiencies can be made up. The School also furnishes to such as live in towns not supplied with a high-grade High School an opportunity to acquire at moderate cost a thorough preparation for College classes. There are three courses of study of four years each, preparing for the corresponding College courses.

This Academy is under the same general administration as the College, and is under the immediate supervision of the Principal. All students are received as coming for the purpose of doing the best they can for themselves. All diligence will be used to advance them in their work, but as they do their studying in their own rooms, teachers cannot assume responsibility for those who, through want of application, 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 School, on account of the better adjustment of the studies to the regular College work, and for the sake of mental discipline in accord with college methods of study.

Students will be examined and assigned to classes for which they are qualified. Those presenting a certificate of promotion from a good grammar school or a common school certificate under the Patterson law will be admitted without examination, subject to the condition that they sustain themselves in their work but the right is always reserved to examine in English Grammar.

Those desiring to enter advanced work 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 final examinations made out by the Principal, are held in all subjects.

Original literary exercises are required of all students after the Preparatory year in connection with the reading of the books named on pages 81 and 82.

All the teaching will be done by regular instructors, some of them members of the College Faculty, and no pains will be spared to make this a school of thorough training in preparatory work.

A certificate of graduation will be given to all who complete the course without conditions.

The School occupies a building by itself—a modern school building, thoroughly equipped, with class rooms, offices, art rooms, laboratory, and hall.

All students have the use of the College library.

Strong students are allowed to take more than the regular amount of work so that during the fourth year they may take part College work.

Students preparing for colleges whose entrance requirements are not the same as those of Buchtel College, may select such subjects as will prepare them for the college chosen.

**SPECIAL STUDENTS.**—While we believe that our courses of study are so planned as to meet most requirements, there are nevertheless, cases where it is wise to depart from the regular course. Students not in good health may take as many subjects as they are able to carry. Students whose parents so desire, may select any subject which they are prepared to carry successfully.



## REGULATIONS.

Regular class attendance, courteous deportment, and earnest endeavor are demanded of all.

Monthly reports of the progress of students will be sent to parents or guardians.

Parents will be requested to withdraw a student who, after full trial, fails to maintain himself in his studies.

No student will be allowed to take up or drop a study without the consent of the Principal.

The use of tobacco and alcoholic liquors in and about the buildings or on the campus is prohibited. It is useless to expect any pupil who indulges in either to make satisfactory progress in class work.

Parents are requested to co-operate with the Faculty in keeping pupils from these vicious indulgences.

All property destroyed, defaced, or injured by students maliciously or carelessly must be paid for by such students.

All forms of hazing are prohibited.

Class "rushes" and class disturbances of every kind are forbidden.

All "initiations" of students are forbidden.

All term bills are due and payable on the first day of each half-year for the entire half-year. These bills must be paid, or arrangements for their payment made satisfactory to the Secretary of the College, before entering any classes.

For statement of expenses see page 28.

**DESCRIPTION OF COURSES OF INSTRUCTION.  
LATIN.**

**CLASSICAL AND PHILOSOPHICAL COURSES.**

**First Year.**

**First Half.** Collar and Daniell's First Year Latin.

**Second Half.** Collar and Daniell's First Year Latin  
completed and Selections or Viri Romae.

**Second Year.**

**First Half.** Caesar's Gallic Wars. Pearson's Latin  
Prose.

**Second Half.** Caesar's Gallic Wars, 4 books completed  
and Prose Composition continued.

**Third Year.**

**First Half.** Cicero's Orations. Sight Work. Prose  
Composition continued one hour per week.

**Second Half.** Cicero's Orations, 6 orations completed.  
Sight work, amounting for the year to two orations  
or their equivalent. Prose Composition.

**Fourth Year.**

**First Half.** Vergil's Aeneid. Prosody. Systematic  
Review of Grammar with prose composition.

**Second Half.** Vergil's Aeneid, 6 books completed.  
Prosody. Review of grammar completed.

**SCIENTIFIC COURSE.**

Two years of the above course, i.e., through Caesar,  
will be required in the Scientific Course.

**GREEK.**

**CLASSICAL COURSE. (ONE YEAR.)**

**First Half.** White's First Greek Book.

**Second Half.** White's First Greek Book, completed.  
Xenophon's Anabasis, 2 books completed.

### MATHEMATICS.

**Arithmetic**—Two hours a week during the first half-year. (Second Half-Year.)

Percentage, interest, discount, bank discount, equation of payments, ratio, proportion, progressions, mensuration, arithmetical analysis, square root and metric system, fractions, series, etc.

**Algebra I.**—Five hours a week. (First Half-Year.)

Text: Stone & Milli's Essentials of Algebra.  
Fundamental operations, parentheses, simple integral equations, problems, special rules in multiplication and division, factoring.

**Algebra II.**—Five hours a week. (Second Half-Year.)

Text: Stone & Milli's Essentials of Algebra.  
Review of factoring, common factors and multiples, fractions, fractional equations, literal equations, general problems, simultaneous simple equations, involution and evolution, theory of exponents, surds and quadratic equations.

**Algebra III.**—Five hours a week. (Second Half-Year.)

Text: Stone & Milli's Essentials of Algebra.  
This term of Algebra is given after the pupil has taken Geometry, and during the last half of his Senior year in order that it may not be too far removed from the Freshman Algebra. The term's work will include—Surds, imaginaries, review of quadratic equations, equations in quadratic form, simultaneous quadratics, problems, ratio and proportion, permutations, logarithms, binomial theorems, etc.

**Geometry I.**—Five hours a week. (First Half-Year.)

Text: Wells' Essentials of Plane and Solid Geometry, Books I., II.

**Geometry II.**—Three hours a week. (Second Half-Year.)

Text: Wells' Essentials, Books III., IV., V.

**Geometry III.**—Five hours a week. (First Half-Year.)

Text: Wells' Essentials, Books VI., VII., VIII., IX.

## ENGLISH.

The work in English includes Grammar, Rhetoric and Composition, and the reading and study of the English Classics required for college entrance. The first half of the first year is given to Grammar; work in Rhetoric and Composition and the reading of the Classics is begun, and then continues until the middle of the last year, the oral and written exercises being based on the readings so far as possible. The second half of the last year is given partly to theme-writing and partly to drill in oratory.

A more detailed statement of the work follows:

**English I.—5 hours.** Grammar: analysis, synthesis, difficult constructions, and the complete uses of the parts of speech.

**English II.—(a) Rhetoric and Composition, 3 hours.**

An elementary study—preparatory to the more detailed study later—of the selection and arrangement of material; the structure of the sentence, the paragraph, and the whole composition; diction; and letter-writing. Frequent exercises in oral and written composition.

**(b) Readings, 2 hours.** Snow Bound, The Courtship of Miles Standish, The Lady of the Lake.

**English III.—(a) Rhetoric and Composition, 2 hours.**

The sentence and the paragraph, punctuation, narration. Oral and written work in narration.

**(b) Readings, 1 hour.**

Ivanhoe, Silas Marner, A Tale of Two Cities.

**English IV.—(a) Rhetoric and Composition, 2 hours.**

Diction and figures of speech; description. Oral and written exercises in description.

**(b) Readings, 1 hour.**

The Sir Roger de Coverley Papers, The Ancient Mariner, The Merchant of Venice.

**English V.—(a) Rhetoric and Composition, 1 hour.**

English prosody; exposition. Oral and written exercises in expository composition.

**(b) Readings, 2 hours.**

Irving's Sketch Book, Sesame and Lilies, Palgrave's Golden Treasury, Books II. and III.

**English VI.—(a) Rhetoric and Composition, 1 hour.**

Argumentation and persuasion. Oral and written exercises.

**(b) Readings, 2 hours.**

Julius Caesar, Macbeth, Burke's Conciliation.

**English VII.—(a) Rhetoric and Composition, 1 hour.**

Review of principles. Themes.

**(b) Readings, 2 hours.**

Macaulay's Essay on Johnson, Milton's Minor Poems, Tennyson's Idyls of the King.

**English VIII.—3 hours a week.**

Theme-writing and oratory, with special reference to the public literary exercises at graduation.

## SCIENCE.

**Physical Geography.** Required of all students. The course will consist of a study of the structure and formation of the earth, the weather and its effects, and sections around Akron illustrative of these subjects will be visited.

**Botany.** Required of all students. This course deals largely with flowering plants, the necessary conditions of soil and proper temperature for plant growth. Tests are made of the food elements in plants commonly used for food. All experiments are carefully written up.

**Physics.** Required of scientific and elective for other students. First half-year will consist of recitations and laboratory work in mechanics, pneumatics and sound, while the second half will be devoted to heat, light and electricity. Students will become familiar with the use of scientific instruments and methods of observation.

**Chemistry.** (Hessler and Smith). A course of one year in Elementary Chemistry is provided for students who are preparing for Scientific schools. They are given regular practice in the College Laboratories.

## GERMAN.

Two years of German are offered to students desiring it for entrance to other colleges, or as an alternative with two years of Latin for entrance to the Scientific Course of Buchtel College.

The aim of the first year in German is to enable the student to acquire a good pronunciation, to familiarize himself with grammatical forms and principles, and with so much of a vocabulary as will make it possible for him to read simple German texts correctly and understandingly, and to answer questions upon them in German.

The aim in the second year of German is to review thoroughly the forms and principles of German Grammar, putting them into constant use in translating English sentences of increasing difficulty into German; to acquire the ability to read easy German at sight and with sufficient ease so that the beauty of the original may be appreciated at first hand; to enable the student to give a brief account of the texts read, and to converse upon them in German.

## TEXT BOOKS.

### MIDDLE YEAR.

**First Term**—Joynes-Meissner's Grammar, Part I.; Glück-Auf to page 37.

**Second Term**—Grammar reviewed; Glück-Auf finished; Zschöcke's Der Zerbrochene Krug; Gerstaecker's Germelshausen.

## SENIOR YEAR.

**First Term**—Grammar, Part II, Storm's In St. Jurgen; Niese's Aus danischer Zeit; Hillern's Höher als die Kirche; Prose Composition.

**Second Term**—Flachsmann als Erzieher; Dippold's Scientific Reader to Geologie; Prose Composition.

## HISTORY AND CIVICS.

An advanced course in U. S. History is given in the first year of the Philosophical and the Scientific courses.

Text: Hart's Essentials of American History.

**Ancient History.** Required of all students. While this course traces the history of civilization from the earliest historical times to Charlemagne a good part of the time is given to the history of Greece and Rome. Emphasis is placed on the development of institutions rather than on the memorizing of isolated facts and dates.

**Modern History.** Required of philosophical and scientific students. From 800 A. D. to the present time. A good part of the time is given up to the history of England, the French revolution, and European conditions of the present time. Special reports on assigned topics will be required of every student in both Ancient and Modern History.

**Civics** includes an analysis and study of the U. S. Constitution and the forms of State and local government.



## ACADEMY COURSES OF STUDY.

### CLASSICAL COURSE.

#### Preparatory Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
Latin .....	5	Latin .....	5
English I .....	5	English II .....	5
U. S. or Eng. History .....	5	Civics .....	5
Drawing .....	2	Gymnasium .....	2
Gymnasium .....	2		

#### Junior Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
Latin .....	5	Latin .....	5
Algebra .....	5	Algebra .....	5
English III .....	3	English IV .....	3
Physical Geography .....	4	Botany .....	3
Gymnasium .....	2	Gymnasium .....	2

#### Middle Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
Latin .....	5	Latin .....	5
Geometry I .....	5	Geometry II .....	3
Ancient History .....	5	Arithmetic .....	2
English V .....	3	Modern History .....	5
Gymnasium .....	2	English VI .....	3
		Gymnasium .....	2

#### Senior Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
Latin .....	5	Latin .....	5
Greek .....	5	Greek .....	5
Geometry III .....	5	Advanced Algebra .....	5
English VII .....	3	Eng. VIII (Oratory and Themes) .....	3

### PHILOSOPHICAL COURSE.

#### Preparatory Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
Latin .....	5	Latin .....	5
English I .....	5	English II .....	5
U. S. or Eng. History .....	5	Civics .....	5
Drawing .....	2	Gymnasium .....	2
Gymnasium .....	2		

#### Junior Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
Latin .....	5	Latin .....	5
Algebra .....	5	Algebra .....	5
English III .....	3	English IV .....	3
Physical Geography .....	4	Botany .....	4
Gymnasium .....	2	Gymnasium .....	2

### Middle Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
Latin	5	Latin	5
Geometry I.	5	Geometry II.	3
English V.	3	Arithmetic	3
Ancient History	5	English VI.	3
Gymnasium	2	Modern History	5
		Gymnasium	2

### Senior Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
Latin	5	Latin	5
Geometry III.	5	Advanced Algebra	5
English VII.	3	Eng. VIII. (Oratory and Themes)	3
Physics	4	Physics	4

## SCIENTIFIC COURSE.

### Preparatory Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
Latin	5	Latin	5
English I.	5	English II.	5
U. S. or Eng. History	5	Civics	5
Drawing	2	Gymnasium	3
Gymnasium	2		

### Junior Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
Latin	5	Latin	5
Algebra	5	Algebra	5
English III.	3	English IV.	3
Physical Geography	4	Botany	4
Gymnasium	2	Gymnasium	2

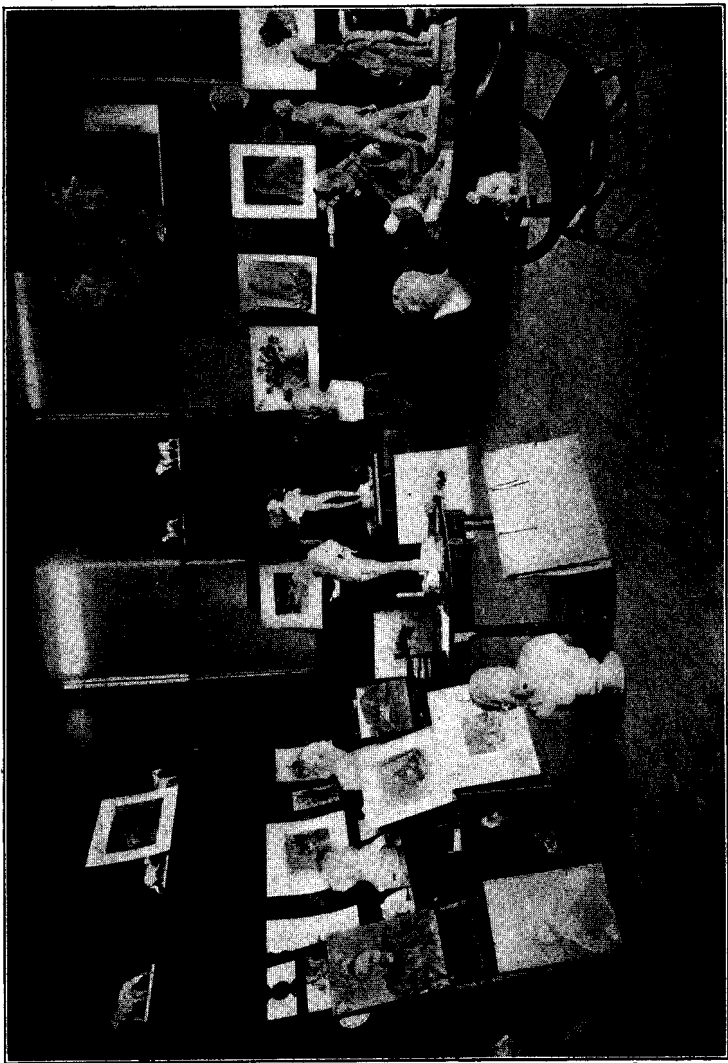
### Middle Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
German or Latin	5	German or Latin	5
Geometry I.	5	Geometry II.	3
English V.	3	Arithmetic	2
Chemistry	4	English VI.	3
Gymnasium	2	Chemistry	4
		Gymnasium	2

### Senior Year.

First Half-Year	Hrs.	Second Half-Year	Hrs.
German or Latin	5	German or Latin	5
Physics	4	Physics	4
Geometry III.	5	Advanced Algebra	5
English VII.	3	Eng. VIII. (Oratory and Themes)	3

Rhetorical work is required of all students.



ART STUDIO

**MUSIC SCHOOL  
AND  
ART SCHOOL  
OF  
BUCHTEL COLLEGE**

## BUCHTEL SCHOOL OF MUSIC.

LUCY IONE EDGERTON, DIRECTOR AND INSTRUCTOR IN PIANO,  
ORGAN, AND HARMONY.

MARIE AREND, TEACHER IN VOCAL MUSIC.

The first aim of this school is to gain artistic results. It is conducted on the idea that interpretation and conception of music are the highest attainments of the art. To acquire these artistic results, uniformity of method and strict technical training are held to be of first importance.

In carrying out these aims the school has a corps of instructors who are specialists of ability and high standing in their particular lines.

Practice pianos will be furnished students at low rates.

A large pipe organ has been placed in the music room for college use and instruction. It is a two-manual organ of a capacity for practice and execution sufficient for the work required on any organ in the city.

It is connected with a motor, and practice hours may be arranged with Miss L. Ione Edgerton for pupils and organists of the city.

Certificates of attainment will be issued to students who have completed certain prescribed courses of study.

For further particulars as to courses, hours and tuition, address L. Ione Edgerton, Director, Buchtel College, Akron, Ohio.

### PIANO AND ORGAN.

MISS EDGERTON.

The instruction in this department seeks to develop a clear, musical touch, a correct ear, and a recognition of the best in music, as well as a technical skill. Attention is paid to sight-reading where students are deficient in that branch, and in all respects the effort is made, by the careful consideration of individual needs, to arouse in the student a genuine interest in the work. Particular attention is given to methods of practice.

Miss Edgerton is a graduate of the Oberlin Conservatory of Music, having taken the full courses covering

her lines of work. In addition to this she has had sixteen years of practical and successful experience in teaching her branches, and for nearly that time has been a popular organist of the city.

#### TERMS.

Piano and Organ—per term of 20 lessons, one-half hour  
each ..... \$20.00  
Theory—private lessons, per term of 20 lessons..... 20.00  
In classes of six or more, 2 hours a week, per term of 20  
lessons ..... 10.00

Vocal Lessons—per term of 20 lessons.....\$20.00

All bills for music tuition and organ practice are payable  
monthly at the Office in Buchtel Hall.

### SCHOOL OF ART.

MAY FAIRCHILD SANFORD, INSTRUCTOR.

The Buchtel College School of Art offers advantages superior to most colleges and equal to the best art schools in the country, in both its primary and higher branches.

Two principal ideas prevail in the Art School. All practical knowledge of Art is based upon drawing. All drawing is from nature.

The students follow a progressive course, passing from step to step as they show proficiency. Students are not kept back for a class, each one being advanced as fast as his ability or effort will allow. Quality of the work done, not a given number of works or a fixed length of time, determines the advancement.

The course embraces work in charcoal, crayon, pen and ink, pencil, pastel, water color and oil. Pupils work from still life, cast and life.

Students may enter the school at any time by presenting themselves and registering. It is to their advantage, however, to do so as near the beginning of the year as possible. Pupils may work all day, half a day, or by the hour. A portrait class will be formed, and drawings from the living model will be one of the advantages offered advanced pupils.

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

A class for children will be held Saturdays from 8:30 to 11:30.

The studios are open all day five days and Saturdays in the forenoon.

Exhibitions of students' work are held during the year, besides special exhibitions of the work of resident and foreign artists.

#### TUITION.

Each half-year, (20 weeks), all day.....	\$50.00
Each half-year, half day, five times a week.....	29.00
Each half-year, half day, three times a week.....	22.00
One month, all day .....	12.00
One month, half day .....	8.00
Children's class, twelve weeks .....	9.00
All other arrangements, per hour .....	.50

Visitors are always welcome, and the public is invited to all receptions and exhibitions.

All communications should be addressed, May F. Sanford, Buchtel College, Akron, Ohio.



**BUCHTEL  
COMMERCIAL  
SCHOOL**

## **BUCHTEL COMMERCIAL SCHOOL**

**HARRY A. MILLER, Director**

**EDWARD T. SIMPSON and EDNA M. VANCE, Assistants**

The School was organized during the Summer of 1905, and began the work of instruction early in September.

The School is under the general management of the College and the immediate supervision of the Director and his assistants.

Commodious and attractive quarters were fitted up in the Academy building, using the large assembly room and office on the third floor for the purpose. The rooms were equipped with new furniture, tables, book-keeping desks, and typewriters, all of the most modern make.

The purpose of the school has been from the first to give high grade, practical instruction in Commercial subjects. This instruction has been accompanied by thorough and systematic training in actual business practice as is found and used in modern offices. All teaching has been done under the direction of instructors of ability, who know the needs of present day business affairs from actual personal experience.

### **COURSES.**

The courses offered are:

#### **BUSINESS COURSE.**

Business Practice, Book-keeping, variously applied, Law, Business Arithmetic, English, Spelling, Correspondence, Billing and Charging on Typewriter Tabulators and Book Typewriters, Penmanship and Office Practice.

#### **SHORTHAND COURSE.**

Covering instruction in principles of Standard Phonography, Typewriting, Book Typewriters, Correspondence, Spelling, Business Forms, Practical Grammar, Penmanship.

#### **TYPEWRITING COURSE.**

Instruction in Sight and Touch Typewriting, operation of Tabulators, Book Typewriters and proper care of these machines.

N. B. The equipment of Writing Machines is entirely new, of the latest improved models and large in number in order to permit of several hours of daily practice.

#### **A COURSE IN TELEGRAPHY.**

Giving instruction in operating telegraph instruments, both in sending and receiving messages. The student is also given

instruction in the methods of operating a small railway station, including the despatching of trains, the receiving and forwarding of freight, etc.

#### EXPENSES.

Tuition, either in the Business, Shorthand or Telegraphic Course for a full term of six months, including books, payable in advance ..... \$50.00  
Tuition for the same courses, if payable monthly in advance, per month ..... 10.00  
Gymnasium and Library privileges, per term of six months, in advance ..... 3.50

A separate catalog is published by the Commercial School which sets forth its work in detail, and will be mailed to any one interested upon request. Address inquiries to

H. A. MILLER, Director,  
Buchtel Commercial School,  
Akron, Ohio.

# REGISTER OF STUDENTS OF BUCHEL COLLEGE.

For 1905-1908.

Post Graduate.

Mac Donald, Rev. C. A. . . . . Akron  
 Welton, Frank A. (B. S., Buchtel '04) . . . . . Wooster

## SENIOR CLASS.

### Course

Adams, Mina L. . . . . P . . . . . Akron  
 Brouse, Clara Florine . . . . . P . . . . . Akron  
 Brown, Albert . . . . . S . . . . . Mt. Gilead  
 Carter, Homer Wilbur . . . . . S . . . . . Everett  
 Clark, Hazel Ione . . . . . S . . . . . Pittsburg, Pa.  
 Conner, Chester Farnham . . . . . P . . . . . Akron  
 Evans, Esther Alice . . . . . S . . . . . Akron  
 Heacock, Edith Hannah . . . . . C . . . . . Chicago  
 Hemington, Lucretia Emerson . . . . . P . . . . . Akron  
 Knight, Hal . . . . . S . . . . . Akron  
 \*Knight, Maurice Acomb . . . . . S . . . . . Akron  
 Parshall, Edward Pardee . . . . . S . . . . . Akron  
 Saunders, Amy Lillian . . . . . S . . . . . Akron  
 \*Spangler, George Howard . . . . . S . . . . . Clinton  
 Wells, James Raymond . . . . . P . . . . . Akron  
 Whiton, Agnes Lilian . . . . . P . . . . . North Amherst  
 \*Zepp, Amanda Elida . . . . . P . . . . . Wadsworth

Senior—17.

## JUNIOR CLASS.

### Course

Carns, Ethel May . . . . . P . . . . . Akron  
 \*Ganyard, Geneveah Garnetta . . . . . C . . . . . Akron  
 \*Longcoy, Grant . . . . . S . . . . . Kent  
 Mallison, Blanche Janet . . . . . C . . . . . Akron  
 Olin, Blanche Marie . . . . . P . . . . . Akron  
 Rockwell, Ida . . . . . P . . . . . Akron  
 Simmons, Hezleton Erastus . . . . . S . . . . . Leroy  
 Smetts, Adah . . . . . P . . . . . Akron  
 Smith, Hazel . . . . . P . . . . . Akron  
 Tillson, Hallie . . . . . P . . . . . Greenwich

Junior—10.

## SOPHOMORE CLASS.

### Course

Bulger, Charles Levi . . . . . S . . . . . Canton  
 Guiley, Tena E . . . . . P . . . . . Tallmadge  
 Hotchkiss, Ruth . . . . . P . . . . . Akron  
 \*Houghton, Harry Beni, Jr. . . . . S . . . . . Akron  
 \*Huggins, Sylvester William . . . . . S . . . . . Kent

\*—Not in full class standing.

*Iredell, Robert	S	Akron
Myers, Carl Metz	S	Akron
Paine, George Granville	S	Akron
Penrod, Walter Wellington	S	Sterling
Prier, Maude Irene	P	Akron
Reynolds, Don Sidney	P	Leroy
Roach, Elizabeth Meikle	C	Akron
Roach, Ethel Minerva	C	Akron
Schnee, Frederick	C	Akron
Schuman, Cottie Pruella	S	Akron
Stoner, Roxy May	S	New Madison
Sumner, Bertrice	S	Akron
Sumner, Mac Albert	S	Akron
Tomlinson, Irene Lucretia	S	Perry, N. Y.
Wilcox, Mabel	P	Cuyahoga Falls

Sophomore—20.

FRESHMAN CLASS.

Course

Barnard, Jay Warren	S	Kent
Bull, Sleeter	S	Sidney
Bunker, Jessie	S	Kent
Burkhardt, Norma	P	Akron
Carnahan, Harry	S	Akron
Carpenter, Ford L.	S	Akron
Catlin, Pearl	S	Fairmont, Minn.
Chandler, Harriet G.	P	Akron
Chrisman, Berenice	C	Kent
Cole, Hazel L.	P	Akron
Davis, Lisle L.	S	Cuyahoga Falls
Doyle, Julia	S	Akron
Ebersole, Glee	S	Chicago
Ewart, Claude E.	S	E. Akron
Fouch, Honor C.	S	Sterling
Gallen, Keziah M.	P	Akron
Greer, Blanche	P	Akron
Jackson, Theron	S	Cleveland
James, Nellie R.	P	Cuyahoga Falls
Jones, Cynthia	S	New Lebanon, Ind.
King, Lucian	S	Akron
Knight, Helen	S	Akron
Loomis, Fannie L.	P	Akron
Lowry, Jessie McD.	S	Akron
Mars, Willis G.	S	Akron
Mignin, George	S	Stryker
Ohl, Robert R.	S	Akron
Pfaff, Helen	S	Whipple
Pfaff, Hermann H.	S	Whipple
Prior, Margaret	S	Cuyahoga Falls
Proehl, Bessie	P	Akron
Randall, Carlton	S	Akron

\* Not in full class standing.

	Course	
Richardson, Reed	S	Westville
Searles, Martha	P	Akron
Simmons, Marie	C	Leroy
Sippy, Burne O.	S	Akron
Smith, Hugh M.	S	Sterling
Terbush, Martin Linabury	S	Akron
Thomas, Ralph G.	P	Akron
Tuttle, Elizabeth F.	S	Akron
White, William R.	S	E. Akron
Williard, Anna E.	P	Akron
Yerrick, Clayton	S	Myersville

Freshmen—18.

**SPECIALS.**

Allen, Julia Tiff		Akron
Burnett, Catherine Frances		Akron
Brumbaugh, Clark		Canton
Carnahan, Ruth		Akron
Goehring, Frank Sturgeon		Akron
Harpham, Earnest G.		Akron
Heacock, Lenore		Chicago
Holloway, Charles W.		Akron
Iredell, Mary		Akron
Parks, Bessie Carter		Akron
Quayle, Thomas James, Jr.		Cuyahoga Falls
Rickert, Ura Garfield		Medina
Walk, Grace Della		Akron
Weeks, Lulu Lovina		Akron
Wilbur, Earl Holden		Weymouth
Youtz, Hazel		Akron

Special—16.

# REGISTER OF STUDENTS OF BUCHEL ACADEMY.

1905-1906.

## SENIOR CLASS.

Appleton, Hazel	Cuyahoga Falls
Cowan, Anna	Hudson
Culbertson, Elizabeth	Toledo
Ebright, Mary	Akron
Hallinan, William	Akron
Haspelmath, Elizabeth	Akron
McChesney, Lura	E. Akron
Miller, Ruth	E. Akron
Miller, Margaret	Akron
Rentschler, Ruby	Akron
Rohan, Howard	Plainville
Tucker, Otto Noble	Akron
Way, Raymond	Northfield
Wiseman, Clingman	Ingalls, N. C.

Seniors—14.

## MIDDLE CLASS.

Cassidy, Elizabeth	Akron
Flickinger, Tressie	Barberton
Ford, Martha	Milledgeville
Ganyard, Carl	Akron
Hatch, Asa	Akron
Jackson, Leland	Findlay
Lyon, Ned	Akron
Meibert, Martha	Canal Fulton
Mishler, Carlos	Akron
Patterson, Arthur	Akron
Roose, Murel	Peninsula
Selden, Howard	Akron
Sidnell, Harold	Cuyahoga Falls
Sigel, Carl	Akron
Sims, Mary	Akron
Thompson, Frank	Cuyahoga Falls
Weaver, Harold	Akron
Welsh, Edward	Akron

Middle—19.

## JUNIOR CLASS.

Breen, Loretto	Akron
Bucklin, Ardis	Cuyahoga Falls
Cole, Helen	Akron
Converse, Vera	Copley
Davis, Frank	Cuyahoga Falls
Elwood, Mitchell	Peninsula
Emmett, Iris	E. Akron



Fritz, Grace	Akron
Hachtel, Edward	Marchand
Heacock, Edgar	Chicago
Klein, Raymond	Cuyahoga Falls
Morris, Nettie	Copley
Noble, William	Akron
Olin, Estella	Akron
Otis, Kathrine	Akron
Pfeiffer, Raymond	E. Akron
Rockrise, Thomas	Japan
Seiberling, Irene	Akron
Scheck, Frank	Akron
Stumpf, Edward	Barberton
Stumpf, Elmer	Barberton
Sullivan, May	Hudson
Treap, Howard	Peninsula
Williams, Edna	Akron

Junior—24.

#### PREPARATORY CLASS.

Bradley, Iza Madalyne	Akron
Bradley, Nellie Marie	Akron
Brewster, James	Thomastown
Church, Evelyn	Akron
Dallinga, Charles	Sherbondy
Dickinson, Hazel	Peninsula
Edmunds, Edward	New Castle, Pa
Henry, Howard	Barberton
Hunt, Luceile	Peninsula
Lee, Ruth	Akron
Libis, Ethel	Akron
Lang, William	Akron
Morris, Ella	Copley
Prentiss, Edna	E. Akron
Thornton, Russell	S. Akron
Tritt, Elton	E. Akron
Wise, Earl	Krumroy
Williams, Vernon	Akron

Preparatory—18.

#### SPECIAL STUDENTS.

Ball, Gretchen	Akron
Auble, Gertrude Ruth	Akron
Cassidy, Mary	Boston
Clevenger, Herbert	Cuba
Cox, Persis	Norwood
Ewing, Ralph	Akron
Ford, Ethel	Milledgeville
Frederick, Irl	Copley
Hale, Ralph	Cuyahoga Falls
Jahant, Charles	Akron
Kelley, Margaret	Akron
Kelley, Mary	Akron
Laidlaw, Gladys	Akron
McNeil, Cecil	Akron
Meyer, Stella	Akron
Poole, Bernice	Akron

Thompson, Marjorie ..... Akron  
 Whyte, Willa ..... Akron  
 Special—18.

**COLLEGE STUDENTS.**

Richardson, Reed ..... Westville  
 Doyle, Julia ..... Akron  
 Loomis, Fannie ..... Akron  
 Brumbaugh, Clark ..... Canton  
 Chrisman, Berenice ..... Kent  
 Davis, Lisle ..... Cuyahoga Falls  
 Ebersole, Glee ..... Chicago  
 Jackson, Theron ..... Cleveland  
 Mars, Willis ..... Akron  
 Mignin, George ..... Stryker  
 Pfaff, Helen ..... Whipple  
 Simmons, Marie ..... Leroy  
 Sippy, Burne ..... Akron  
 Williard, Anna ..... Akron  
 College—14.

**REGISTER OF STUDENTS OF BUCHEL COMMERCIAL  
 SCHOOL.**

1905-1906.

**BOOKKEEPING DEPARTMENT.**

Allyn, Guy ..... Fairlawn  
 Brown, Homer D. .... Akron  
 Buckmaster, Collins O. .... Akron  
 Boden, Wm. .... Barberton  
 Cunningham, Harry C. .... Barberton  
 Cunningham, Robert ..... Barberton  
 Garman, Blanche L. .... Akron  
 Gordon, William F. .... Akron  
 Gregory, James M. .... Barberton  
 Gorsuch, Harry ..... Barberton  
 Hale, Ralph P. .... Cuyahoga Falls  
 Hatrick, Claude R. .... Barberton  
 Jones, Harry R. .... Centerburg  
 Jump, Ira C. .... Akron  
 Klusner, L. .... Barberton  
 Kavoc, Andrew ..... Barberton  
 Leeper, Henry L. .... Akron  
 Marsh, Harry E. .... Kent  
 Parmelee, George ..... Wadsworth  
 Patterson, Paul H. .... Akron  
 Quigley, Mamie ..... Barberton  
 Snyder, Charles ..... Barberton  
 Smith, Boyd ..... Wadsworth

Smith, Gertrude K. ....	Akron
Winum, Lawrence .....	Akron
Werner, John M. ....	Barberton
Weigands, Bert .....	Barberton
White, Paul B. ....	Barberton
	Total—28.

**SHORTHAND DEPARTMENT.**

Apple, Katherine .....	Barberton
Basinger, Ralph .....	Akron
Black, Harriett .....	Barberton
Chapman, Jennie M. ....	Akron
Conn, Samuel O. ....	Akron
De Vore, Louis E. ....	Akron
Egbert, Mrs. H. V. ....	Akron
Gartrell, A. L. ....	Barberton
Harvey, Clarence .....	Barberton
Hachtel, Fred W. ....	Cuyahoga Falls
Heller, William L. ....	Barberton
Joy, Minnie E. ....	Akron
Jump, Claude A. ....	Akron
Laidlaw, Ethel .....	Akron
Mahaffey, Roy .....	Akron
McGuigg, Edna B. ....	Barberton
Maloney, Sarah .....	Akron
Mantz, Minnie M. ....	Akron
Owings, Grace E. ....	Barberton
Parker, Ellen V. ....	Barberton
Rudy, Clyde M. ....	Barberton
Smiley, Edith .....	Ravenna
Sidnell, Ethel .....	Cuyahoga Falls
Smith, Maud .....	Akron
Sowers, Faith B. ....	Akron
Taylor, Mary .....	Barberton
Taylor, Gertrude .....	Barberton
Wohlfeld, Katherine J. ....	Akron
White, Lena .....	Barberton
	Total—29

**POST-GRADUATE.**

Chambers, Estelle C. ....	Akron
Gilhooly, Anna .....	Akron
Immler, Clarence .....	Akron
Shade, Maude .....	Akron
Sleader, Gusta .....	Akron
Webb, Jessie M. ....	Akron
	Total—6

Total Commercial School—63

**ART STUDENTS.**

Dallinga, Charles .....	Sherbondy
Henry, Howard .....	Barberton
Morris, Ella .....	Copley
Prentiss, Edna .....	Akron
Thornton, Russell .....	Akron
Tritt, Elton .....	Akron
Wise, Earl .....	Krumrov

PRIVATE STUDENTS IN ART.

Boley, Marcella	Akron
Bradley, Iza	Akron
Brunskill, Hazel	Akron
Brunskill, Mabel	Akron
Canfield, Hubert	Woodstock, Vt.
Caruthers, Ralph	Akron
Catlin, Pearl	Fairmont, Minn.
Doyle, Julia	Akron
Fritzinger, Leroy	Kent
Hale, Andrew	Akron
Harpley, Elno G.	Akron
Jones, Cyrinthia	New Lebanon, Ind.
Lukesh, Anna	Akron
Lyon, Nellie	Akron
O'Hara, Rosalind	Akron
Olin, Estella	Akron
Sanford, Mabel	Akron
Stoner, Roxy	New Madison
Strobel, Corinne	Akron
Willet, Hazel	Buffalo, N. Y.
Williamson, Pansy	Akron
Williamson, Daisy	Akron

Total—29

MUSIC STUDENTS.

Carl, Bessie	Akron
Carter, Bina	Akron
Church, Evelyn	Akron
Datum, Stella	Akron
Emmet, Iris	Akron
Ferriot, Mae	Akron
Fish, Lucy	Akron
Folger, Elizabeth	Akron
Ford, Ethel	Milledgeville
Hammonds, Grace	Akron
Heacock, Lenore	Chicago
Henry, Catherine	Akron
Himmelman, Elizabeth	Akron
Jennings, Mrs. H. C.	Barberton
Kelley, Louise	Akron
Kelley, Mary	Akron
LaCroix, Augustus	Akron
McGarry, Margaret	Akron
Means, Margaret	Akron
Otis, Kathrine	Akron
Pearce, Myrta	Akron
Pelton, Ruth	Akron
Rockwell, Ida	Akron
Saunders, Amy	Akron
Shenkel, Laura	Akron
Veon, Bertha	Akron
Williard, Anna	Akron
Wright, Gladys	Akron

Total—28

## SUMMARY.

1905-1906

### COLLEGIATE STUDENTS.

Post Graduate .....	2
Senior Class .....	17
Junior Class .....	10
Sophomore Class .....	20
Freshman Class .....	43
Special Students .....	16
Total Collegiate .....	108
Classical Students .....	8
Philosophical Students .....	29
Scientific Students .....	53
Special Students .....	16
—	
Men .....	51
Women .....	57

### ACADEMY

Senior Class .....	14
Middle Class .....	19
Junior Class .....	24
Preparatory Class .....	18
Special Students .....	18
College Students in Academy Classes.....	14
Total Academy .....	107
Men (exclusive of College Students) .....	44
Women (exclusive of College Students) .....	49

### COMMERCIAL SCHOOL

Bookkeeping .....	28
Shorthand .....	29
Post Graduate .....	6
Total .....	63

### SCHOOL OF MUSIC.

Men .....	1
Women .....	27
Total .....	28

### SCHOOL OF ART.

Men .....	10
Women .....	19
Total .....	29

Number counted more than once .....	335
	88
Total number in all Departments.....	297

## DEGREES CONFERRED.

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### CLASS OF 1965 AND TITLES OF THESES.

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#### BACHELOR OF ARTS

DANA FARNUM REYNOLDS, . . . . .	Leroy
Chemical Analysis of Soil	
HARRIET EMELINE REYNOLDS, . . . . .	Leroy
Egoism and Altruism and their Conciliation	
MARY ROCKWELL, . . . . .	Akron
Our American Poetry	

#### BACHELOR OF PHILOSOPHY

EMILY SARAH DAWSON . . . . .	Sterling
Schiller, the Poet and Dramatist	
ELLA VIVA LYNN, . . . . .	Akron
Longfellow and His Works	

#### BACHELOR OF SCIENCE

ROBERT CRIST . . . . .	Cuyahoga Falls
The Design of a Variable Speed Motor	
CHARLES DARWIN FAUNCE . . . . .	Conneautville, Pa.
The Brain of the Horned Toad	

## PRIZES.

---

### THE ALUMNI PRIZES.

Awarded for excellence in scholarship.

1904-1905.

In the Senior Preparatory Class to Clayton Yerrick.

In the Freshman Class to Irene Tomlinson.

In the Sophomore Class to Adah Smetts.

In the Junior Class to Clara Brouse.

---

### THE OLIVER C. ASHTON PRIZES.

Awarded for excellence in declamation.

1904-1905.

In the Junior Class:—First prize to Clara Brouse, and second prize to Maurice Knight.

1905-1906.

In the Sophomore Class:—First prize to Frank S. Goehring, and second prize to Maude Prier.

In the Junior Class:—Contest not held at date of publication.

In the Senior Class:—First prize to Lucretia Hemington, second prize to Amy Saunders.



ing a fund in memory of the late Dr. C. F. Kolbe; to-wit:

A. H. Noah, Akron; Karl Kolbe, Passaic, N. J.; Mrs. C. F. Kolbe, Akron; Parke R. Kolbe, Akron; Jno. R. Smith, Akron; Charles B. Wright, Middlebury, Vt.; Herman A. Kelley, Cleveland, O.; James Ford, Washington C. H., O.; Wm. S. Ford, Washington C. H., O.; A. V. Cannon, Cleveland, O.; Mrs. Charles Baird, Akron.

#### ROSA G. WAKEFIELD SCHOLARSHIP.

\$1,000 was received during the year from the estate of the late Rosa G. Wakefield, to establish a Scholarship Fund.

#### GIFTS TO THE PHYSICAL SCIENCE DEPARTMENT.

From Mrs. W. K. Foltz, two microscopes and a lot of miscellaneous chemicals.

From Harrison Nash, a collection of Colorado ores.

#### GIFTS TO THE NATURAL SCIENCE DEPARTMENT.

Frank O. Payne, fossil collection.

Ada Bock, compound microscope.

O. C. Barber, relics from Martinique after the eruption of Mt. Pelee.

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Mrs. Anna Thomas Eberhard, Akron, Ohio	1

Ione Edgerton, Akron, Ohio	1
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Ann S. Graves, Castalia, Ohio	1
Emily M. Graves, Castalia, Ohio	1
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Mrs. Grace Harter, Akron, Ohio	4
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George C. Jackson, Akron, Ohio	1
Rev. R. N. John, Blanchester, Ohio	52
Nat. Association of Jews, New York	1
Herman A. Kelley, Cleveland, Ohio	19
Dr. C. M. Knight, Akron, Ohio	5
Lee & Shepard, Boston, Mass.	1
Geo. H. Lewis, Cuba, Ohio	1
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Mrs. E. M. Pendleton, Akron, Ohio	26
Religious Education Association, Chicago, Ill.	1
Mrs. S. H. Rice, Caledonia, Ohio	2
E. C. Roberts, Akron, Ohio	10
Irma Robinson, Akron, Ohio	11
Benj. H. Sanborn & Co., Boston, Mass.	4
C. H. Shipman, Akron, Ohio	2
Mrs. J. G. Snowdon, Castalia, Ohio	3
Mrs. Kenward Snyder, Leroy, Ohio	1
Prof. A. I. Spanton, Akron, Ohio	3
Wm. Spanton, Akron, Ohio	1
Stirling Boiler Co., Barberton, Ohio	1
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W. Aubrey Thomas, Niles, Ohio	5
Rev. Wm. Tucker, Camden, Ohio	2
U. S. Dept. of Labor, Washington, D. C.	5
U. S. Geol. Survey, Washington, D. C.	2
U. S. National Museum, Washington, D. C.	2
U. S. Naval Observatory, Washington, D. C.	2
U. S. Government, Washington, D. C.	14
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Williams College, Williamstown, Mass.	1
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