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College Catalog, 1913-1914

Buffalo State College

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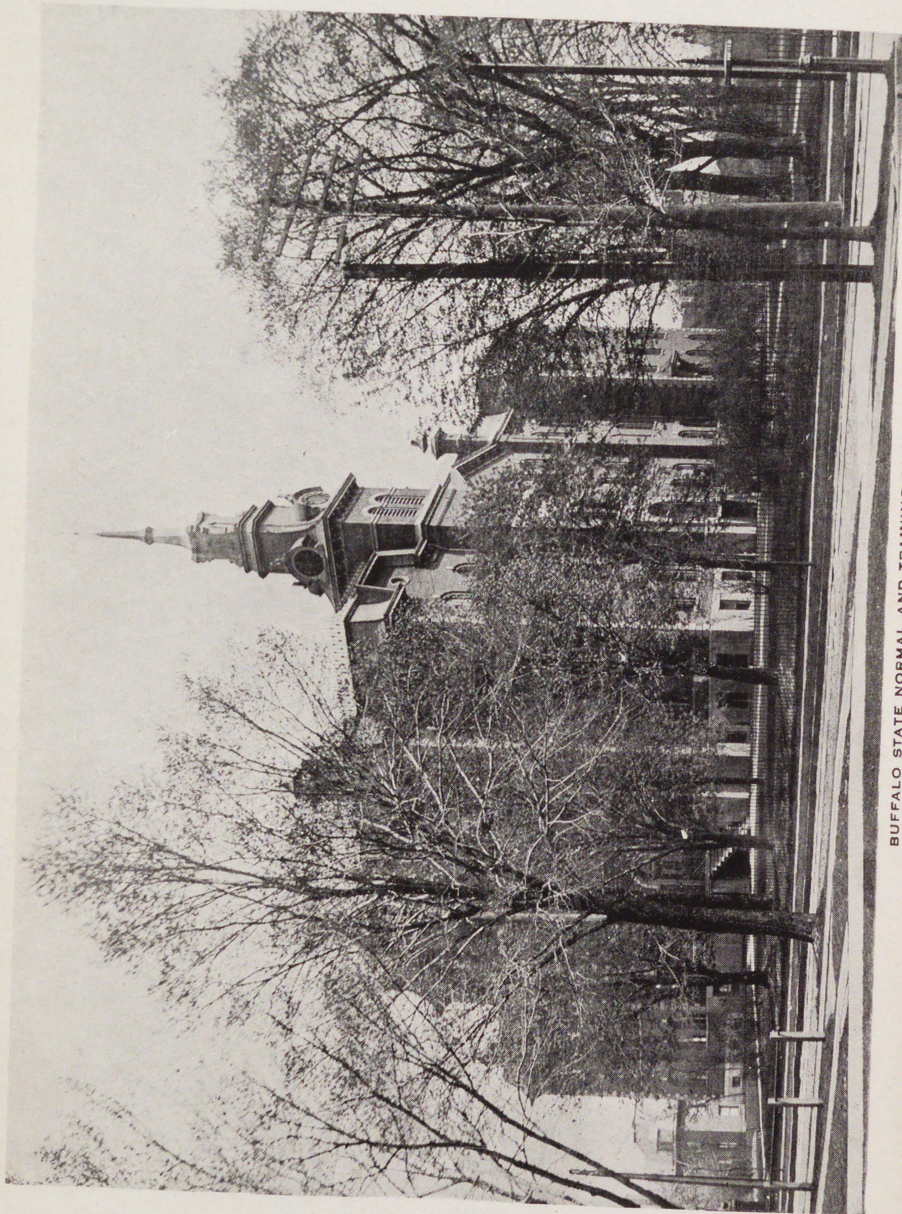
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BUFFALO STATE NORMAL AND TRAINING SCHOOL

STATE NORMAL
— AND —
TRAINING SCHOOL

BUFFALO
NEW YORK

Circular of Information
1913-1914

CALENDAR.

1913.

Tuesday, September 2, School of Practice (not Normal Department) opens.

Wednesday, September 10, Normal Department opens at 8:45 A. M.

Friday, December 19, at noon, Christmas recess begins.

1914.

Monday, January 5, at 8:45, work resumed.

Wednesday, January 28, term examinations begin.

Tuesday, February 4, second semester begins.

Wednesday, June 17, term examinations begin.

Sunday, June 21, Baccalaureate Sunday.

Monday, June 22, Class Day.

Tuesday, June 23, Commencement.

Wednesday, June 24, Alumni Reception.

Office Hours During Vacation.

During the summer vacation the office of the school will be open every week day except Saturday from 9 A.M. to 12:30 P.M.

School Telephones.

Bell—Tupper 707.

Federal—2992.

NOTICE.—Students are not called to the telephone and messages are not delivered to them except in cases of sickness or other extreme necessity.

EDUCATION DEPARTMENT.**Regents of the University, With Years When Terms Expire.**

1917	St. Clair McKelway, M. A., LL. D., Chancellor	Brooklyn
1914	Pliny T. Sexton, LL. B., LL. D., Vice-Chancellor	Palmyra
1915	Albert Vander Veer, M. D., M. A., Ph. D., LL. D.	Albany
1922	Chester S. Lord, M. A., LL. D.	New York
1918	William Nottingham, M. A., Ph. D., LL. D.	Syracuse
1916	Lucius N. Littauer, B. A.	Gloversville
1921	Francis M. Carpenter	Mount Kisco
1923	Abram I. Elkus, LL. B.	New York
1924	Adelbert Moot	Buffalo
1925	Charles B. Alexander, M. A., LL. B., LL. D.	Tuxedo
1919	John Moore	Elmira
1920	Andrew J. Shipman, M. A., LL. B.	New York

Commissioner of Education.

Andrew S. Draper, LL. B., LL. D.*

Assistant Commissioners.

Augustus S. Downing, M. A., Pd. D., LL. D. . . . First Assistant
 Charles F. Wheelock, B. S., LL. D. Second Assistant
 Thomas E. Finegan, M. A., Pd. D., LL. D. Third Assistant

Director of State Library.

James I. Wyer, Jr., M. L. S.

Director of Science and State Museum.

John M. Clarke, Ph. D., D. Sc., LL. D.

Chiefs of Divisions.

Administration, George M. Wiley, M. A.
 Attendance, James D. Sullivan.
 Educational Extension, W. R. Watson, B. S.
 Examinations, Harlan H. Horner, B. A.
 History, James A. Holden, B. A.
 Inspections, Frank H. Wood, M. A.
 Law, Frank B. Gilbert, B. A.
 Library School, Frank K. Walter, M. A., M. L. S.
 Public Records, Thomas C. Quinn.
 School Libraries, Sherman Williams, Pd. D.
 Statistics, Hiram C. Case.
 Visual Instruction, Alfred W. Abrams, Ph. B.
 Vocational Schools, Arthur D. Dean, B. S.

*Died April 27th, 1913.

Local Board of Managers.

Hon. Edward H. Butler, President.....	Buffalo
Hon. Henry W. Hill, Secretary and Treasurer.....	Buffalo
Mr. Robert L. Fryer.....	Buffalo
Hon. George A. Davis.....	Lancaster
Mr. Hobart Weed.....	Buffalo
Mr. A. Conger Goodyear.....	Buffalo
Mr. Robert W. Pomeroy.....	Buffalo

Alumni Association Officers.

1912-13.

President.....	Ernina S. Smith, '91
Vice-President.....	Mrs. Harvey L. Brown (Jessie I. Staley), '90
Secretary.....	Helen Weis, '10
Treasurer.....	Theresa A. Roehsler, '05

The Faculty—Normal Department.

Arranged (except Principal) in order of appointment.

Daniel Upton, B. S., M. E., Pd. D.....	Principal
Mark M. Maycock, M. P.....	Drawing and Penmanship
Marcus A. G. Meads, B. S.....	Mathematics and Logic
Helen Louise Dunston*.....	English and School Economy
Irving P. Bishop, M. S.**.....	Science
Gertrude M. Bacon.....	Pedagogy and Supt. of Teaching
Georgina E. Chamot.....	Domestic Arts
Louise M. Cassety.....	Principal of Kindergarten Dept.
Elizabeth L. Bishop.....	Science
Grace Viele, B. L.....	Librarian and History
Ida L. Kempke, Pd. B.....	English and Literature
Susan Frances Chase, B. L., M. A., Ph. D.....	Psychology
Amelia B. Sprague.....	Drawing
Elizabeth C. Lange.....	Principal of Household Arts Dept.
Harrison C. Givens, M. E.....	Principal of Vocational Dept.
Jane M. Keeler.....	Reading and Physical Training
Helen G. Englebreck, A. B.....	History and Records
Cora M. Sager.....	Music
Alice Wessa, B. S.....	Hist. of Education and Geography
Bessie Holman, B. S.....	Domestic Science and Arts
Lilian M. Lane, Ph. B.....	English and School Economy
Orren L. Pease, B. S.....	Science

*Died December 15, 1912.

**Died April 12, 1913.

School of Practice.

Carrie Benson..	Asst. Principal and Critic Teacher Fourth Grade
Annie E. Davies.....	Critic Teacher Seventh Grade
Ernina S. Smith.....	Asst. in Kindergarten Methods and Critic Teacher First Grade
Mary H. Fowler.....	Critic Teacher Eighth Grade
Lillian W. Walker.....	Critic Teacher Sixth Grade
Ella M. Smith.....	Critic Teacher Third Grade
Lydia A. Chamot.....	Teacher of German
Theresa A. Roehsler.....	Critic Teacher Second Grade
Elizabeth Bird Small.....	Critic Teacher Fifth Grade
Marion L. Summey.....	Critic Teacher Ninth Grade

REGULATIONS GOVERNING NORMAL SCHOOLS.**New York State Education Department.**

ADMISSION.

GENERAL NORMAL, KINDERGARTEN AND PRIMARY COURSES.

Age.—Candidates must be at least sixteen years of age.

Scholarship.—Candidates must present a high school diploma or its equivalent to be approved by the Commissioner of Education, covering the course prescribed for entrance to Normal Schools.

The minimum requirements for such a preparatory course are as follows:

ENGLISH.—The course in English must be continuous throughout the four years, and must provide adequate instruction in grammar, composition, rhetoric and literature 494 periods

HISTORY.—The course in history must include the three following courses, each of which should be continuous throughout the year:

Ancient history.....	114 periods
History of Great Britain and Ireland.....	114 periods
American history with the development of civic institutions	152 periods

MATHEMATICS.—The course in mathematics must include

Algebra (through quadratics).....	190 periods
Plane Geometry.....	190 periods

SCIENCE.—The course in science must embrace biology (including human physiology) and physics. The laboratory method of teaching these subjects is prescribed.
 Biology (or physiology with botany or zoology)..... 190 periods
 Physics 190 periods

FOREIGN LANGUAGES.—The course in foreign languages must include:
 Latin 380 periods
 or
 French 380 periods
 or
 German 380 periods

DRAWING.—The course in drawing must provide adequate instruction for 228 periods

VOCAL MUSIC.—The course in vocal music must provide adequate instruction in sight singing from the staff and the use of common technical terms for..... 152 periods

The number of periods required in each subject is based on a school year of 38 weeks as a minimum.

The term "Period" as used in this course means a recitation period of not less than 45 minutes.

ENTRANCE ON SPECIAL CONSIDERATION.

a. Candidates, 21 years of age, who have had two years of high school work or its equivalent, and in addition thereto have taught two years, will be admitted to the Normal School with the understanding that they must complete the minimum high school course in addition to the professional course before they shall be graduated.

b. Graduates of training classes who entered the class upon a high school diploma covering the minimum approved high school course and who have taught one year since graduation from the training class may complete the professional course in the Normal School in one year if they possess the required aptitude for training.

c. Those who hold first grade certificates may be graduated in one and one-half years, provided (1) they are high school graduates; (2) they have studied the subjects of the approved course; (3) they possess the necessary aptitude for study and training.

d. Those holding the life State Certificate or those who have completed one year's work in an approved college may be graduated in one year.

APPOINTMENT OF STUDENTS.

Persons desiring to enter one of the State Normal Schools should write to the principal of the school they desire to enter for an application blank. This blank should be filled out in duplicate, signed as required, and mailed to the principal of the school.

TRANSFERS.

On concurrence of the principals interested students may for cause be transferred from one Normal School to another by the Commissioner of Education.

TUITION.

Tuition and use of text books, in all courses, are free to residents of the State of New York.

Residents of other states are admitted by special appointment of the Commissioner of Education, Albany, N. Y., but are required to pay in advance to the treasurer of the local board a tuition fee of \$20.00 a term of 19 weeks.

This fee covers tuition and use of text books.

GENERAL REQUIREMENTS IN ENGLISH.

A teacher's example is a potent influence in determining the quality of English used in the school community. Hence it is important that all Normal School graduates should be skilled in the use of their mother tongue. All students notably deficient in this subject will be required to do additional work until there is satisfactory improvement.

COURSES OF STUDY.

I. ELEMENTARY TEACHERS COURSE.

	Periods
Psychology	100
Principles and history of education.....	100
Methods of language, grammar and composition.....	100
Methods of literature (optional).....	100
School economy	40
Methods of vocal music.....	120
Methods of arithmetic and algebra.....	120
Methods of American history.....	80
Methods of drawing and elementary handwork.....	160
Logic	80
Methods of Latin (optional).....	100
Methods of geography.....	100

Methods of primary reading, spelling and phonics....	100
Methods of nature study and elementary science....	100
Methods of manual training or household arts.....	160
Methods of Penmanship.....	40
Methods of physical training.....	120
Observation and practice.....	600

II. KINDERGARTEN PRIMARY COURSE.

	Periods
Psychology	100
Principles and history of education.....	100
Methods of vocal music.....	60
Methods of arithmetic.....	80
Methods of United States history.....	40
Methods of drawing and handwork.....	160
Logic	80
Methods of geography.....	100
Methods of reading, spelling, phonics, language.....	100
Methods of nature study and elementary science....	100
Methods of penmanship.....	40
Methods of physical training.....	120
English, voice training, children's literature, story-telling	100
Songs and games.....	100
Mother play, gifts, occupations.....	160
Program of kindergarten procedure.....	40
Observation and practice.....	580

III. KINDERGARTEN COURSE.

	Periods
Logic	80
English—reading, spelling, phonics and voice training	80
Elementary science and nature study.....	200
Drawing	140
Methods of Penmanship.....	40
Physical training	120
Music	40
Psychology	100
History of education.....	100
English voice training, children's literature, story-telling	120
Songs and games.....	120
Mother play, gifts and occupations.....	180
Principles of education with special reference to kindergarten	60
Program—kindergarten procedure	60
Observation and practice.....	560

DIPLOMAS.

The ELEMENTARY TEACHERS COURSE prepares teachers for the grades of the elementary schools of the State. The diploma issued to a graduate of this course is a life license to teach in any public school of the State.

The KINDERGARTEN-PRIMARY COURSE prepares teachers for the kindergarten and the first six years of the elementary schools. Graduates of this course receive a diploma which is a license to teach for life in any kindergarten in the State or in the first six grades in any public school in the State.

The KINDERGARTEN COURSE prepares teachers for the kindergarten and a graduate of such a course receives a diploma which is a license to teach for life in any kindergarten in the State.

IV. NORMAL COURSES IN VOCATIONAL TRAINING.

To provide normal training for teachers of the industrial branches, the Buffalo State Normal School offers courses which are made up of practical laboratory, shop or drawing room experience and pedagogical training.

COURSES OFFERED.

The school is prepared to give pedagogic training for teaching any of the recognized trades. At present classes are conducted for teachers of mechanical drawing, machine-shop practice, printing, patternmaking, joinery and cabinetmaking and electrical work; but persons desiring to fit themselves to teach any other trade may also be accommodated, provided that after a conference with the principal of the school it may seem feasible to introduce a course covering their needs.

NIGHT SCHOOL CLASSES.

To meet the necessities of high-grade mechanics who are employed at their work during the day time and who wish to become teachers of their trades, this school conducts evening classes from September to May.

REQUIREMENTS FOR ADMISSION TO NORMAL CLASSES IN VOCATIONAL TRAINING.

Candidates for these courses may be admitted *under one of two following* qualifications:

- First—By graduation from high school, as explained below, or,
- Second—Candidates who have not graduated from a high school, but who are of mature age and who have had four years of successful experience in one trade may be admitted to the Normal Course for that trade upon satisfying the principal that they have attained conspicuous excellence in their work and are mentally equipped to pursue the course of study.

Students admitted under this rule may be excused from the trade work required in connection with the course.

HIGH SCHOOL GRADUATES.

Candidates must be at least 17 years old and must present a diploma from a high school approved by the New York State Education Department.

The applicant must present credits in the following subjects:

ENGLISH

Literature	} 494 hours
Rhetoric and		
Composition,		
Grammar,		
		The equivalent of that required in a four years' high school course.

HISTORY

Ancient History	}	..... 120 hours
or		
English History,		
American History and Civics.....		152 hours
		A three-hour course for one year.

MATHEMATICS

Algebra	190 hours
Plane Geometry	190 hours

SCIENCE

Physics	190 hours
Chemistry	190 hours

FOREIGN LANGUAGE

Latin	} 380 hours
or		
French		
or		
German		The equivalent of two year's work.

DRAWING

Applicants must offer credits for one year's work in free-hand drawing and one year's work in either mechanical or architectural drawing, as required by the New York State Education Department.

SHOP PRACTICE—

Applicants for the shop branches must have had a total shop experience, under an instructor, in wood work, patternmaking, forging, foundry work or machine shop work, or other recognized trade, equal to 480 hours.

MECHANICAL DRAWING

Applicants for the course in Mechanical Drawing must have had a total experience, under an instructor, in mechanical drawing and any one of the shop branches mentioned above of 480 hours.

CONDITIONED STUDENTS.

Applicants who may be deficient in not more than two of the above requirements will be admitted and given opportunities for making up the work.

APPOINTMENTS.

Applicants who are not graduates from academies or high schools should apply in person or by letter to the principal for appointment to the school.

All others must present to the principal of the Normal School credentials from the high school or academy from which they are graduated. These credentials, when signed by the principal of the high school and certified by the State Education Department, will constitute an appointment to the Normal School. Appointment blanks may be had by application to the principal of the Normal School.

LENGTH OF THE COURSES.

Each course is planned to cover two years of regular day school work, but students who cover the courses in evening classes will be given credit as they finish each subject, and on the completion of the course will be granted a diploma.

No student will be graduated from these courses until they prove to the satisfaction of the faculty that they have become expert in the line of work they expect to teach and have a satisfactory command of the English Language.

Schedule of Courses.

JOINERY AND CABINET MAKING.

History and Principles of Education.....	100 hours
Psychology	100 hours
Methods in Arithmetic.....	40 hours
Methods in Science.....	120 hours
Methods in Shop Instruction.....	300 hours
Drawing and Design.....	240 hours
Shop Work	1200 hours
Teaching	400 hours

MACHINE SHOP PRACTICE.

History and Principles of Education.....	100 hours
Psychology	100 hours
Methods in Arithmetic.....	40 hours
Methods in Science.....	120 hours
Methods in Shop Instruction.....	300 hours
Drawing and Design.....	240 hours
Draughting Room Work.....	1200 hours
Teaching	400 hours

PATTERN MAKING.

History and Principles of Education.....	100 hours
Psychology	100 hours
Methods in Arithmetic.....	40 hours
Methods in Science.....	120 hours
Methods in Shop Instruction.....	300 hours
Drawing and Design.....	240 hours
Shop Work	1200 hours
Teaching	400 hours

MECHANICAL DRAWING.

History and Principles of Education.....	100 hours
Psychology	100 hours
Methods in Arithmetic.....	40 hours
Methods in Science.....	120 hours
Methods in Shop and Draughting Room.....	300 hours
Drawing and Design.....	240 hours
Draughting Room Work.....	1200 hours
Teaching	400 hours

PRINTING.

History and Principles of Education.....	100 hours
Psychology	100 hours
Methods in Arithmetic.....	40 hours
Methods in Science.....	120 hours
Methods in Shop Instruction.....	300 hours
Drawing and Design.....	240 hours
Shop Work	1200 hours
Teaching	400 hours

SYNOPSIS OF SUBJECTS IN THE VOCATIONAL COURSES.

Psychology and History and Principles of Education are treated with special reference to the needs of the pupil teacher in these subjects and bear particularly on the phases of educational processes peculiar to industrial work.

METHODS IN MATHEMATICS..... 40 hours

The courses in arithmetic include a brief study of the modern methods of teaching the fundamental operations and the working of practical problems. Special attention is given to problems in Joinery and Building Construction, Foundry Work, Pattern Making and Machine Shop Practice for those taking courses in these subjects.

METHODS IN SCIENCE..... 120 hours

These courses include a study of the fundamental principles of Mechanics, Power Transmission, Prime Movers, etc., and the practical application of these principles as found in the selected vocation.

DRAWING AND DESIGN..... 240 hours

These courses include free hand and black-board sketching; elementary geometrical construction; methods of teaching mechanical drawing; a study of the fundamental principles of design; the practical application of these principles and the designing of type projects in the selected vocation.

METHODS IN SHOP INSTRUCTION..... 300 hours

This work is adapted to the needs of each course. It includes a study of tools; their operation and care; materials and their uses; problems in construction and finishing; the planning of manual training and vocational courses; the organizing, equipping and maintaining of a school shop; methods of presentation; a study of the difficulties of tool operations, etc., which pupils encounter and a brief review of the literature of the subject.

SHOP WORK..... 1,200 hours

(Not required of those who have qualified as mechanics.)

In these courses the work is planned to give a real mastery of the trade. It consists of experimental work at the school and regular practice in shops arranged for by the school authorities. In this latter work students will be given every opportunity to learn regular shop conditions. No remuneration is guaranteed for work in factories, although in some cases a small return is made.

MECHANICAL DRAWING..... 1,200 hours

(Not required of those who have qualified as draughtsmen.)

This course includes a study of modern drawing room and shop practice, mechanical and electrical devices. It consists of experimental work at the school and regular practice in drawing rooms arranged for by the school authorities.

PRACTICE TEACHING IN VOCATIONAL SUBJECTS..... 400 hours

Through the co-operation of the Buffalo Department of Education students in the vocational classes of this school are afforded unexcelled opportunities for practice teaching. The city of Buffalo maintains many vocational and manual training centers. These afford work in a number of trades and have been equipped in the best possible manner, the equipment costing something over a hundred thousand dollars. These centers are in operation days throughout the school year, evenings for a term of twenty-five weeks in the winter and for six weeks during the summer vacation. Students from the Normal School are assigned to these centers where they first observe and assist in the work with the regular teacher and finally take charge of the classes.

TUITION.

See page 7.

DIPLOMA.

Upon the completion of any of the Industrial Courses students will be granted a State Diploma for that subject.

This diploma carries with it permission to teach the subject in any school in New York State after the applicant has fulfilled all local requirements.

V. NORMAL COURSE IN COOKERY, SEWING AND MILLINERY.

When additional accommodations are available there will be offered in this school courses in Domestic Science and Domestic Art each covering a term of two years. At present it will be possible to offer only the combination course, which includes cooking, sewing and millinery, and which extends over a term of three years.

ADMISSION REQUIREMENTS.

Candidates for this course must be at least 18 years of age; must have been graduated from a high school or school of equal rank approved by the New York State Education Department and must have received school credits for the following subjects:

ENGLISH

Literature,	}	.....	494 hours
Rhetoric and		The equivalent of that required in a four	
Composition,		years high school course.	
Grammar.			

HISTORY

Ancient History	}	.....	114 hours
or		A three-hour course for one year.	
English History.			
American History and Civics, a four-hour course for one year		.....	152 hours

MATHEMATICS

Algebra	.....	190 hours
Plane Geometry	.....	190 hours

SCIENCE

Physics	.....	190 hours
Chemistry	.....	190 hours

FOREIGN LANGUAGE

Latin	}	.....	380 hours
or		The equivalent of two years' work.		
French				
or				
German.				

DRAWING

The equivalent of one year of representation and one year of design as indicated in the New York State Education Department's Syllabus of 1910.

Applicants who may be deficient in the above requirements, except Physics and Chemistry, will be given opportunities for making up the work. Physics and Chemistry must be presented for entrance to these courses.

HOUSEHOLD ARTS COURSE OF STUDY.

This course, covering three years, is designed to prepare the student to teach cookery, sewing or millinery in the elementary schools.

FIRST YEAR.

Psychology,	Biology—Physiology,
Foods—Elementary Cookery,	Design,
Sewing—Elementary Handwork,	English,
Machine Sewing,	Physical Training.
Household Chemistry,	

SECOND YEAR.

History of Education,	Laundry,
Principles of Teaching,	Design,
Foods—Advanced Cookery,	Arithmetic and Household Accounts,
Serving,	English,
Sewing—Dressmaking,	Physical Training.
Textiles,	

THIRD YEAR.

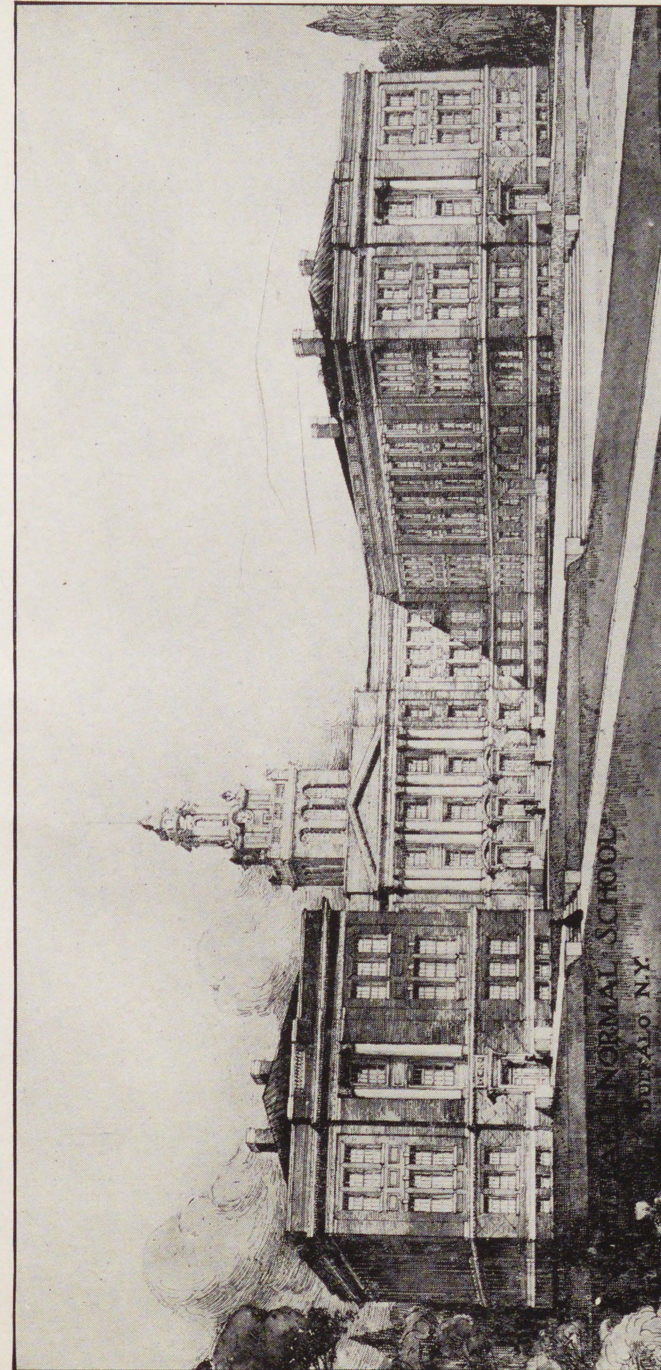
Foods—Dietetics, Invalid Cookery,	Theory and Practice of Teaching
Emergencies,	Domestic Science and Domestic
House Construction and Sanitation,	Art.
House Decoration and Furnishing.	English,
Millinery and Textiles,	Physical Training.

APPOINTMENTS.

Candidates for admission must present to the principal of the Normal School credentials from the high school or academy from which they are graduated. These credentials when signed by the principal of the high school and certified by the State Education Department will constitute an appointment to the Normal School. Appointment blanks may be had by application to the principal of the Normal School.

COSTUME FOR COOKERY CLASSES.

All students pursuing courses in the Domestic Science Department are required to wear plain white skirt, tailored waist (not lingerie), plain collar, white tie or stock and long white apron with bib and pocket. No jewelry is to be worn in the laboratory.



THE NEW BUFFALO STATE NORMAL SCHOOL NOW BEING ERECTED

DIPLOMA.

Upon the completion of the Household Arts Course students will be granted a State Diploma for that subject.

This diploma carries with it permission to teach the subject in any school in New York State after the applicant shall have fulfilled all local requirements.

GENERAL INFORMATION CONCERNING THE SCHOOL.

ACCESSIBILITY.

The School is located on the block bounded by Jersey, Fourteenth and York streets and Normal avenue, and is reached by the Hoyt, Grant and Connecticut street car lines. The numerous suburban electric and steam car lines which connect Buffalo with the surrounding country render it possible for many students who live at a considerable distance from Buffalo to attend the school and reside at home. All railroads provide reduced rates for students.

THE BUILDING.

The school building as shown at the front of the catalogue is a three-story structure. The science building is at the rear of the main school and connected with it by covered passage ways. The State is now erecting a new building immediately in the rear of the present one, which it will supercede. It is expected that it will be one of the best equipped Normal School buildings in the country. It will be ready for occupancy in September, 1914.

THE PRACTICE SCHOOL.

All students in the Normal courses are obliged to observe and teach 600 hours under the supervision of a critic teacher, and in order to accomplish this a regular kindergarten, primary and grammar school is maintained in the building. The grades of this school are presided over by a corps of expert teachers who supervise the work of the pupil teachers and meet with them daily for consultation and criticism.

In addition to the experience gained in the practice school students are assigned for two or more weeks' work in the public schools of Buffalo. They are also frequently sent to do substitute teaching in the schools of Buffalo and neighboring places. Record is kept of their success in this work and goes towards determining the student's final standing.

THE LIBRARY.

The school library occupies a large, well-lighted room and its shelves are filled with books and pamphlets covering the wide range of thought with which the successful teacher must be in touch.

The school also receives regularly all the leading educational periodicals and monthly magazines. The library is open and free to students every school day.

All the material has been classified and the Library is presided over by an experienced librarian whose duty it is to see that students learn how to get the most out of the books and periodicals at hand.

SCIENCE BUILDING.

The Science Building contains a large lecture room and laboratories for the study of physics, chemistry, biology and nature study. The first floor is devoted entirely to domestic science work.

AUDITORIUM.

The general assemblies and social functions for the students are held in the large and well appointed auditorium. This hall is fitted with a stereopticon, and during the school year entertainments and lectures are provided for the students and their friends.

ADVANCED STANDING IN COLLEGES AND UNIVERSITIES.

Graduates from New York State Normal Schools are granted advanced standing in colleges and Universities.

VISITORS.

The Buffalo State Normal School is always open to the public. School officials seeking teachers are invited to come and observe students at their work. An invitation is also extended to parents and friends of students to visit the school and see the method of its daily work.

EDUCATIONAL OPPORTUNITIES AFFORDED BY INSTITUTIONS OUTSIDE THE SCHOOL.

To a person who is seeking self-betterment the city of Buffalo affords great advantages, which may be secured at practically no cost.

ART.

The Albright Art Gallery, one of the finest in the United States, is free on several days of the week, and, besides the permanent exhibits, there are annually brought to the gallery exhibitions of the best contemporaneous work in painting and other lines of art.

MUSIC.

At the Elmwood Music Hall during the winter months the best organists of our country and Canada give free recitals on Sunday afternoons. Grand Opera is sung during the season and some of the world's greatest artists may be heard.

LIBRARIES.

The public circulating and reference libraries, containing thousands of volumes and papers, are free to all students of the school and offer excellent facilities for research and study.

LECTURES.

The Society of Natural Sciences in addition to its large museum, which is free, provides weekly lectures by eminent authorities. These lectures cover a wide range of scientific subjects and are free to the general public. The Historical Association provides a similar course of free lectures on historical and sociological subjects.

SOCIAL LIFE AND MISCELLANEOUS OPPORTUNITIES.

In every way consistent with the main purpose of the school the faculty encourages the social life of students.

There are several student organizations which contribute to professional, literary, social and athletic interests. Among these are the Young Women's Christian Association, Sororities, Clubs of students specially interested in different lines of work, the school chorus and athletic association. These organizations occasionally provide delightful programs for morning assembly and evening entertainment.

NEIGHBORING CHURCHES.

Neighboring churches are most cordial in their attention to out-of-town students, and in several of them Bible classes are formed for Normal School students.

THE CLASS OF STUDENTS DESIRED.

The purpose of the school is to supply teachers who are thoroughly trained for their work and the faculty will assist in every possible way all who have seriously chosen teaching as their profession. The course of study, however, is such as to require the very best effort of the students if they are to complete it in two years, and only those who are entirely in earnest should apply for admission. In fact only those who seriously intend to become teachers can receive an appointment, for with each application the following pledge must be made: "In consideration of receiving free tuition at a State Normal School, I hereby obligate myself to teach in the schools of the State of New York."

EXPENSES AND BOARDING PLACES.

The school is located in the midst of comfortable homes, many of which offer rooms to students from outside the city. Board and room, including light and heat, may be had at from \$4.00 to \$5.00 per week, and in some cases the use of the laundry is included. Rooms, with the privilege of using the kitchen may be secured at from \$1.25 to \$3.00 a week by those who wish to board themselves.

There are also opportunities for students to meet all their boarding expenses by assisting in the homes where they are stopping.

AID TO STUDENTS.

For the purpose of aiding worthy students who, for financial reasons, are unable without assistance to continue their work and graduate, a students' loan fund has been formed by the Alumni Association of the school and is available under conditions which provide for its safety and its equable distribution.

While the faculty of the school offers no guarantee of positions to its graduates, its members will be pleased at all times to assist in securing desirable positions. To this end it is hoped that the alumni will keep the school informed both of their needs and of any vacancy of which they may know.

The faculty and all connected with the administration of the affairs of the school wish it understood that it is possible for any one with proper mental equipment and determination to successfully pursue the courses of study and graduate from the school. Means of self-support will be provided where necessary. The authorities, mindful of the traditions of the past, seek to maintain a high standard for the school and its graduates, and everything possible will be done to bring about that end and to enable as many as possible to benefit by it.

STUDENT COMMITTEE.

All questions relating to the welfare of students away from home are referred to the Student Committee, which is composed of members of the school faculty. All rooms offered to the students through the school are inspected and certified or rejected by this committee, whose desire it is to surround students who are away from home with every helpful influence. Prospective students desiring assistance in obtaining rooms or board should address the Chairman of Student Committee, State Normal School, Buffalo, N. Y.

THE ALUMNI ASSOCIATION.

This association numbers about 2900. It co-operates with the school authorities in all matters tending to the welfare of the school. It also holds an annual meeting and banquet at the close of each school year and tenders a reception to the Senior Class during the spring semester.

ROLL OF STUDENTS.

- G. N.—General Normal Course.
 P. K.—Primary Kindergarten Course.
 K.—Kindergarten Course.
 H. A.—Household Arts Course.

CLASS OF JUNE, 1913.

Viola D. Abbott, K.....	Buffalo
Stella A. Andrews, G. N.....	Buffalo
M. Edna Baker, G. N.....	Buffalo
Pauline B. Baker, G. N.....	Tonawanda
Jeannette E. Bender, G. N.....	Forks
Muriel Benedict, G. N.....	Buffalo
Rosemary Bill, G. N.....	Eden
Celia M. Bley, G. N.....	Hamburg
Sophia W. Bliven, G. N.....	Buffalo
Katherine G. Bowman, G. N.....	Falconer
Anastatia Brady, G. N.....	Buffalo
Hazel C. Brown, G. N.....	Olean
Gertrude H. Burden, G. N.....	Buffalo
Elizabeth Burkhardt, G. N.....	Buffalo
Mary F. Burns, G. N.....	Buffalo
Vincent A. Carberry, G. N.....	Buffalo
Mary M. Chabot, G. N.....	Buffalo
Alice G. Clark, G. N.....	Buffalo
Isabel Clark, G. N.....	Buffalo
Mary E. Colwell, G. N.....	Onoville
Evelyn M. Corcoran, G. N.....	Buffalo
Mildred L. Cornell, G. N.....	Buffalo
Florence J. Cowley, G. N.....	Buffalo
Grace T. Cox, G. N.....	Buffalo
Gertrude H. Coyle, G. N.....	Buffalo
Leila B. Crane, G. N.....	Addison
Anna Damattio, G. N.....	Buffalo
Mabel I. Denzel, G. N.....	Buffalo
Edith M. Derry, K.....	Buffalo
G. Herbert DeViney, G. N.....	Buffalo
Emily Dixon, K.....	Buffalo
Charlee E. Dycer, G. N.....	Buffalo
Sylvia Dymond, G. N.....	East Pembroke
Christine A. Eastland, G. N.....	Depew
Mildred Eiss, P. K.....	Buffalo
Maud T. Elliott, G. N.....	Buffalo
Amanda K. Englund, G. N.....	Olean
James E. Farrell, G. N.....	Buffalo
Margaret Feil, G. N.....	Niagara Falls
Coletta Felt, G. N.....	Allegany
Rose L. Ferabach, G. N.....	Forks
Eva L. Ferry, G. N.....	Buffalo
Lydia Finger, G. N.....	Olean
Anastasia Fluk, G. N.....	Buffalo
Anna M. Fitzgerald, G. N.....	Java Center
Catherine J. Fitzgerald, G. N.....	Buffalo

Margaret Forsyth, G. N.....	Batavia
Mary M. Fraser, G. N.....	Buffalo
Olive V. Gedeohn, G. N.....	Buffalo
Marie A. Geoghegan, K.....	Lockport
Leona M. Gibbs, G. N.....	Franklinville
Phyllis A. Giray, G. N.....	Buffalo
Marie A. Glauber, G. N.....	Buffalo
Charlotte A. Greenwood, G. N.....	Buffalo
Mary T. Hamelman, G. N.....	Hornell
May L. Handy, K.....	Akron
Helena Hanrahan, K.....	Niagara Falls
Georgia Hathaway, K.....	Buffalo
Olive F. Hayes, G. N.....	Buffalo
Catherine S. Henel, G. N.....	Williamsville
Mary C. Hill, G. N.....	Buffalo
Cora E. Howe, G. N.....	Delevan
Katharine M. Hucker, G. N.....	Elma Center
Mattie L. Hufstader, G. N.....	Springville
H. Leigh Hunt, G. N.....	Hamburg
Beulah M. Hunter, G. N.....	Buffalo
Eleanor E. Irbacker, G. N.....	Buffalo
Elsie E. Johnson, G. N.....	Pt. Chautauqua
Josephine M. Judge, G. N.....	Buffalo
Ellen A. Keicher, G. N.....	Forks
Russell N. Keppel, G. N.....	Buffalo
Kathleen D. Kilcoyne, G. N.....	Portageville
Eloise I. Kleitz, G. N.....	Buffalo
Nora A. Klein, G. N.....	Boston
Gertrude C. Knickenberg, G. N.....	Buffalo
Mattie Krehb'el, G. N.....	Clarence Center
Margaret E. Larkin, G. N.....	Newfane
Ruth E. Lee, G. N.....	Akron
John A. Livingston, G. N.....	Buffalo
John J. McCarthy, G. N.....	Buffalo
Helen Pearl McConnell, G. N.....	Buffalo
Arthur J. McDonnell, G. N.....	Buffalo
Alice McKay, G. N.....	Buffalo
Isabel McLaughlin, K.....	Buffalo
Kathleen L. McTague, G. N.....	Buffalo
Michael J. Meher, G. N.....	Buffalo
Marie M. Mazurowska, G. N.....	Buffalo
Florence G. Mikulski, G. N.....	Buffalo
Grace E. Miller, G. N.....	Williamsville
Eunice F. Murphy, G. N.....	Lockport
Florence M. Nellist, G. N.....	Lyndonville
Evelyn R. O'Conner, G. N.....	Wayland
Mary E. V. O'Donnel, G. N.....	Portage
Delia M. Ott, G. N.....	Lancaster
Inez S. Parker, G. N.....	Buffalo
M. Gertrude Peck, G. N.....	Wiseco
Mary L. Perfeld, G. N.....	Batavia
Jane A. Peterson, G. N.....	South Bradford, Pa.
May E. Phillips, K.....	Depew
Ella C. Raffauf, G. N.....	Rome
Elsie Martina Regan, G. N.....	Buffalo

Marguerite B. Regan, G. N.	Buffalo
Ella B. Rehberg, G. N.	Angola
Edith M. Reiein, G. N.	Cowlesville
Agnes B. Reimann, G. N.	Buffalo
Florence E. Repp, G. N.	Buffalo
Helena A. Reuter, G. N.	Springville
Alice R. Rieman, G. N.	Buffalo
Florence M. Riggs, G. N.	Batavia
Cornelia B. Roach, G. N.	Buffalo
Bertha M. Rood, G. N.	Corning
Elizabeth B. Rosa, G. N.	Williamsville
Shirley J. Rosenau, K.	Buffalo
Evelyn E. Russell, G. N.	Buffalo
Colette F. Ryan, K.	Niagara Falls
Alta L. Sager, G. N.	Buffalo
Norma R. Schaefer, G. N.	Buffalo
Alma E. Schelbach, G. N.	Buffalo
James L. Shea, G. N.	Lackawanna
Gertrude Shepherd, G. N.	Buffalo
Louise A. Sickmann, G. N.	Buffalo
Teresa C. Sirdevan, G. N.	Olean
Mildred H. Sisson, K.	Cuba
Xenia D. Slopey, G. N.	Springville
Adah B. Smith, G. N.	East Aurora
Ida C. Sperber, G. N.	Buffalo
Marie C. Stafford, G. N.	Gowanda
Laura M. Stetson, G. N.	Buffalo
Gertrude B. W. Stoesser, G. N.	Buffalo
Helen A. Stratmeier, G. N.	Hamburg
Bertha M. Strubing, G. N.	Buffalo
Mabelle E. Strubing, G. N.	Buffalo
Joseph F. Sullivan, G. N.	Silver Springs
Edna M. Summers, G. N.	Williamsville
Alice C. Taylor, G. N.	Buffalo
L. Luella Tefft, G. N.	Springville
Florence E. Thompson, G. N.	Lockport
Jean G. Thomson, G. N.	Titusville, Pa.
Esther M. Thum, G. N.	Hamburg
Ruth E. Tiffany, G. N.	Palmyra
Alma L. Tillou, G. N.	Elma Center
Edith Vallely, G. N.	Cattaraugus
Helen G. Walker, G. N.	Williamsville
Eleanor E. Wallen, K.	Oil City, Pa.
Mildred L. Warne, G. N.	Buffalo
Hazel Wickham, G. N.	Buffalo
F. Edith Wilkie, K.	Buffalo
Eleanor M. Wilson, G. N.	Buffalo
Laura F. Woelffe, G. N.	Orchard Park
Marguerite B. Wood, G. N.	Buffalo
Gladys L. Woods, G. N.	Sanborn
Mayme A. Worden, G. N.	Delevan

CLASS OF JANUARY, 1914.

Lou Bancroft, G. N.	Warsaw
Lillian Bastian, P. K.	Depew

Beatrice Beale, G. N.	Buffalo
Stella Bierce, G. N.	Wassaic
Fred Warren Bolender, G. N.	Sardinia
Helen F. Bustead, G. N.	Buffalo
Marion H. Chase, P. K.	Buffalo
Lucy K. Clark, P. K.	Lockport
George D. Coats, G. N.	Bolivar
Esther M. Comisky, G. N.	Manchester
Elizabeth Cunningham, G. N.	Rochester
E. May Drake, G. N.	Arcade
Hattie J. Dunlap, G. N.	Elba
Sarah J. Harris, G. N.	Olean
Alice C. Hunt, G. N.	Delevan
Florence Jackson, G. N.	Springville
Catherine B. McDonnell, G. N.	Buffalo
Thomas J. McDonnell, G. N.	Buffalo
Teresa McMahon, G. N.	Olean
Florence Marzolf, G. N.	Buffalo
Mary L. Maxwell, G. N.	Buffalo
H. Bernice Merrifield, P. K.	Alden
May Murphy, G. N.	Buffalo
Fronia Newton, G. N.	Little Valley
Gladys Parant, G. N.	Niagara Falls
L. Genevieve Pomeroy, P. K.	Chafee
Mildred H. Rogers, G. N.	Michias Junction
Ruth Rowley, G. N.	Tonawanda
Kathryn L. Scanlon, G. N.	Le Roy
Loretta Selman, G. N.	Buffalo
Emma Smith, G. N.	Tonawanda
Olga Smith, G. N.	East Aurora
Cora C. Wunt, G. N.	Buffalo

CLASS OF JUNE, 1914.

Ora Adolf, G. N.	Clarence Center
Harold L. Alexander, G. N.	Buffalo
Aimee Annis, G. N.	Angola
Raymond J. Ast, G. N.	Buffalo
Jennie Austin, G. N.	Gowanda
Elizabeth Barnes, G. N.	Buffalo
Kleah Baxter, G. N.	Lewiston
Mabel Bell, G. N.	Buffalo
Hilda M. Bender, G. N.	Forks
Ruth M. Berkey, P. K.	Buffalo
Ruth P. Blacklock, G. N.	Wilson
Elma L. Blackmore, G. N.	Akron
Iva May Briggs, G. N.	Gowanda
Alice H. Brigham, H. A.	Buffalo
Lavina J. Bristow, G. N.	Buffalo
Helen H. Brown, G. N.	Buffalo
Mary E. Brown, G. N.	Port Chester
Alice H. Bull, G. N.	Wilson
Marian H. Carter, G. N.	Buffalo
Helen K. Cassidy, G. N.	Lackawanna
Regina Castin, G. N.	Lackawanna

Ethel Churchill, H. A. Hamburg
 Cora Cockburn, H. A. Alden
 John A. Collins, G. N. Buffalo
 Elizabeth C. Colvin, P. K. Avon
 Alice M. Condon, G. N. Buffalo
 Evelyn Cosline, G. N. Springville
 Joseph M. Costello, G. N. Buffalo
 Cassie D. Crawford, G. N. Buffalo
 Nona F. Creahan, G. N. Buffalo
 Franklin M. Desmond, G. N. Buffalo
 Beatrice L. DiLucia, G. N. Buffalo
 Lillian Z. Dodge, H. A. Buffalo
 Grace H. Dooley, H. A. Buffalo
 Romanus Dooley, H. A. Buffalo
 Bertha L. Edwards, P. K. Attica
 Gladys Estabrook, P. K. Buffalo
 Ruth H. Fisher, G. N. Buffalo
 Florence Fruehauf, G. N. Buffalo
 Alice K. Galvin, G. N. Buffalo
 Eunice Gauchat, K. Buffalo
 Vera I. Gill, G. N. Buffalo
 Mabel I. Gillis, G. N. Ransomville
 Lillian Haacker, G. N. Tonawanda
 Helen M. Hagadorn, P. K. Buffalo
 Ruth C. Hall, G. N. Buffalo
 Lucy M. Harmon, G. N. Springville
 Joseph A. Heaney, G. N. Buffalo
 Margaret M. Heavey, G. N. Buffalo
 Emma Henry G. N. Niagara Falls
 Ethel H. Herlan, G. N. Buffalo
 Cornelia M. Hill, H. A. Buffalo
 Ina May Hint, G. N. Akron
 Mabel Hint, G. N. Buffalo
 Mildred F. Hinton, G. N. Buffalo
 Gladys K. Hopper, G. N. East Aurora
 Isabel Hynes, G. N. Buffalo
 Esther M. Jager, P. K. Marshall, Mich.
 Clara S. Jensen, H. A. Buffalo
 Helen Jopp, K. Niagara Falls
 Julia E. Kalla, G. N. East Aurora
 Gertrude C. Kanehl, G. N. Depew
 Marie Keelty, G. N. Niagara Falls
 Helene B. Kerr, H. A. Buffalo
 Julia Kissinger, G. N. Ebenezer
 Sue J. Klein, G. N. Williamsville
 Leona F. Kleitz, G. N. Buffalo
 Margaret Kreuz, G. N. Buffalo
 Corinne V. Landel, G. N. Tonawanda
 Anetta E. Leary, G. N. Buffalo
 Harriet E. Lewis, G. N. Clarence Center
 Gertrude M. Lindner, P. K. Corning
 Hilda Loersch, G. N. Buffalo
 Jessamine E. Long, G. N. Buffalo
 Minerva Longmate, G. N. Lockport
 Isabel E. McCandie, G. N. Niagara Falls

Helen McCarthy, G. N. Depew
 Ruth McCue, G. N. Buffalo
 Lillian McDonough, G. N. Buffalo
 Mary McDonough, G. N. Buffalo
 Ethel McGonigal, G. N. North Tonawanda
 Ellen McGovern, G. N. Buffalo
 Marian Macnaughton, G. N. Buffalo
 Mary McTigue, K. Buffalo
 Hazel Macklin, G. N. North Collins
 Julia R. Maloney, G. N. Batavia
 Frances U. Maney, G. N. Batavia
 Mary E. Manning, G. N. Buffalo
 Florence K. Martin, G. N. Buffalo
 Natalie Max, P. K. Buffalo
 Alice Mikulski, G. N. Buffalo
 Helen J. Mitscher, P. K. Buffalo
 Gladys Mohr, G. N. Hamburg
 Bertha B. Montgomery, G. N. Niagara Falls
 Elizabeth Moran, G. N. Belmont
 Elizabeth C. Moran, G. N. Buffalo
 Grace Morrison, K. Buffalo
 Gertrude Murphy, G. N. Lockport
 Eva Myers, G. N. Darien Center
 Grace M. Nash, P. K. Buffalo
 Natalie Nellis, K. Lockport
 Charlotte A. Nevins, G. N. Buffalo
 Hattie A. Newell, G. N. Eden Center
 Martha Newhouse, G. N. Lancaster
 Mary C. O'Brien, G. N. Buffalo
 Agnes O'Connor, G. N. Buffalo
 Mary E. O'Donnell, G. N. Silver Springs
 Mary M. O'Leary, G. N. Andover
 Lillian Ortner, G. N. Buffalo
 Albert G. Ostertag, G. N. Buffalo
 Grace E. Parker, G. N. Derby
 Olga W. Peller, G. N. Tonawanda
 Louise T. Price, K. Akron
 Julia Raufenbarth, K. Andover
 Thyra M. Rasmussen, G. N. Niagara Falls
 Helena M. Rech, H. A. North Tonawanda
 Nellie K. Richter, G. N. Buffalo
 Isabel Riley, G. N. Portville
 Laura M. Rischman, G. N. Buffalo
 Irene M. Rooney, G. N. North Tonawanda
 Dorothea L. Rose, G. N. Buffalo
 Harriet E. Rowe, P. K. Waterport
 Minnie D. Rupp, G. N. Elma Center
 Mary E. Russo, G. N. Buffalo
 Lillian Ruth, K. Buffalo
 Helen E. Ryder, P. K. Buffalo
 Agnes Scanlon, G. N. Darien Center
 Bessie S. Schaefer, G. N. Buffalo
 Ruth Schifley, G. N. Portville
 Agatha Schlenker, G. N. Buffalo
 Catherine M. Schwob, G. N. Buffalo

Elizabeth Senft, G. N.	Buffalo
Loretta Sennott, G. N.	Elmira
Mary A. Sewert, G. N.	Akron
Patra Shackleton, P. K.	Kenmore
Iona B. Shafer, G. N.	Ashville
Mildred Shainholdts, P. K.	Niagara Falls
M. Ruth Shattuck, K.	Buffalo
Edna Sheehan, G. N.	Buffalo
Clara L. Shinover, G. N.	Collins Center
Helen Shoemaker, G. N.	Hamburg
Mildred Sipp, H. A.	Buffalo
Hazel M. Smith, G. N.	Alden
Dorothea Smyth, G. N.	Buffalo
James P. S. Smyth, G. N.	Buffalo
Ethel H. Starkweather, K.	Lockport
Marguerite Steiner, G. N.	Buffalo
Mabel Stumpf, G. N.	Buffalo
Verna M. Swift, G. N.	Akron
John William Swannie, G. N.	Buffalo
Mary G. Sweeney, G. N.	Buffalo
Florence S. Tackentien, G. N.	Springville
Louise Tahaney, G. N.	Lancaster
Pearl D. Thurber, G. N.	Buffalo
Rose Anna Timlin, G. N.	Lackawanna
Aleth A. Vellacott, G. N.	Corfu
Blanche Van Valkenburg, G. N.	Arcade
Muriel A. Walkem, G. N.	Niagara Falls
Stella M. Walker, G. N.	Buffalo
Marion M. Wallace, H. A.	Buffalo
William F. Walsh, G. N.	Buffalo
Florence M. Welker, H. A.	Buffalo
Florence M. Wells, G. N.	Gowanda
Helen Wells, G. N.	Gowanda
Sibyl N. Wende, G. N.	Tonawanda
Elizabeth C. Westerman, G. N.	North Tonawanda
Nellie Wetmore, G. N.	Wilson
Mildred E. Wheat, H. A.	Buffalo
Erie M. Wheeler, G. N.	Frewsburg
Vera J. White, G. N.	Hamburg
Lona Wilcox, G. N.	Springville
Gladys V. Wilkins, G. N.	Chafee
Edith L. Wilks, P. K.	Buffalo
Florence B. Wilson, G. N.	Buffalo
Lora A. Winchester, G. N.	Attica
Agnes V. York, G. N.	Niagara Falls
Florence Zink, G. N.	Buffalo

CLASS OF JANUARY, 1915.

Ruth Anderson, P. K.	Buffalo
Frances Benzinger, P. K.	Buffalo
Archibald W. Burrell, G. N.	Buffalo
Hilda J. Cornell, G. N.	Lewiston
Margaret Mary Dolin, G. N.	Utica
Clara C. Gould, G. N.	Buffalo

Helena S. Mikulski, G. N.	Buffalo
Clara A. Russell, G. N.	Buffalo
Evelyn M. Walsh, G. N.	Buffalo
Gertrude L. D. Weeks, G. N.	Bradford, Pa.
Loretta Welton, G. N.	N. Tonawanda
Olive M. Winegar, G. N.	Buffalo

CLASS OF JUNE, 1915.

Miriam S. Blair, H. A.	Lockport
Bertha A. Chase, H. A.	South Dayton
Hortense R. Cole, H. A.	Niagara Falls
Carolyn B. Coxhead, H. A.	Buffalo
Elizabeth Crocker, H. A.	Buffalo
Fern Folts, H. A.	Springville
Elsie Lenore Fulton, H. A.	Buffalo
Mildred M. Goodell, H. A.	Springville
Inez D. Hayward, H. A.	Buffalo
Grace M. Jameson, H. A.	Buffalo
Helen Jarvis, H. A.	Buffalo
Marie Lange, H. A.	Muskegon, Mich.
Edna D. Marshall, H. A.	Buffalo
Arlene C. Peck, H. A.	Buffalo
Evelyn M. Peck, H. A.	Buffalo
Laura M. Reimherr, H. A.	Buffalo
Ruth Rennagel, H. A.	Eden Center
Helen A. Schlenker, H. A.	Buffalo
Blanche Spaulding, H. A.	Buffalo
Sarah Tupper, H. A.	Cleveland, Ohio
M. Erai Winship, H. A.	Buffalo
Isabelle Woooworth, H. A.	Buffalo

Vocational Department.

Explanation of Abbreviations—D, Day School; N, Night School; A. D., Artist Drafting; E. C., Electrical Construction; J. & C., Joinery and Cabinet Making; Mach., Machine Shop Practice; M. D., Mechanical Drawing; Plb., Plumbing; P. M., Pattern Making; Pr., Printing.

CLASS OF JUNE, 1913.

D Joseph J. Balk, J. and C.	Buffalo
N Leonard J. Cole, Plb.	Buffalo
N John Coughlin, J. and C.	Buffalo
D Raymond S. Fisher, Mach.	Niagara Falls
N George Heald, Mach.	Buffalo
N Harold Thomas Lowe, M. D.	Buffalo
N Andrew Maul, P. M.	Buffalo
N Francis S. Mazurowski, J. and C.	Buffalo
D Levi Harmon Miner, P. M.	Collins Center
N James Elsworth Nelson, Mach.	Lancaster
N Robert Purvis, P. M.	Lockport
N Robert Louis Strunk, Mach.	Mackay, Idaho
N David Warnhoff, E. C.	Buffalo
D George W. Webster, Fdry.	Buffalo
N Casper Weiffenbach, Mach.	Buffalo

CLASS OF JUNE, 1914.

- N James R. Austin, P. M.....Buffalo
- N Henry W. Ayers, J. and C.....Buffalo
- D Elmer A. Barrett, P. M.....Buffalo
- N Milton Blowers, P. M.....Albion
- N Lee S. Cooke, Mach.....Buffalo
- N Homer Gates, P. M.....Buffalo
- D Lawrence W. Graham, J. and C.....Buffalo
- N Frank G. Grimler, J. and C.....Buffalo
- N Oliver F. Jordan, P. M.....Buffalo
- N George Kaiser, P. M.....Buffalo
- N Gustavus P. Keller, P. M.....Buffalo
- N Walter F. Kraus, P. M.....Buffalo
- N Fred Knaish, Pr.....Buffalo
- N Edgar F. Lang, P. M.....Buffalo
- N Henry R. Linch, P. M.....Buffalo
- N William Mummary, Mach.....Buffalo
- N DeWitt H. Riley, P. M.....Buffalo
- N William Schmidt, P. M.....Buffalo
- N J. C. Thursack, P. M.....Buffalo
- D Carl G. Tischendorf, Mach.....Buffalo
- N Alwin Tresch, P. M.....Buffalo
- D Howard Tucker, P. M.....Buffalo
- N Percy J. Warne, P. M.....Buffalo
- N Walter B. Weber, E. C.....Buffalo
- D Harry G. Williams, J. and C.....Buffalo

CLASS OF JANUARY, 1915.

- D Richard A. Dunning, P. M.....Buffalo

CLASS OF JUNE, 1915.

- N Alwin H. L. Buresch, P. M.....Buffalo
- N Frank Clark, Pr.....Buffalo
- N M. F. Eckhart, P. M.....Buffalo
- N John Finnegan, Mach.....Buffalo
- N Edward P. Fuessler, A. D.....Buffalo
- N Michael J. Grass, Mach.....Buffalo
- N Louis J. Greskowiak, J. and C.....Buffalo
- N Frank B. Hubbard, M. D.....Buffalo
- N Charles B. Jansen, Plb.....Buffalo
- N John A. Koessler, Mach.....Buffalo
- N R. J. Marks, Mach.....Buffalo
- N Frank Moeser, Mach.....Buffalo
- N John R. Neal, J. and C.....Buffalo
- N David J. Powell, J. and C.....Hamburg
- N J. D. Scully, J. and C.....Buffalo
- N F. D. Shore, Mach.....Buffalo
- N Albert Edward Simons, E. C.....Buffalo
- N Edward M. Simon, Mach.....Buffalo
- N Arthur Solomon, P. M.....Buffalo
- N Edward A. Theobald, Pr.....Buffalo

- N Harry C. Thompson, E. C.....Buffalo
- N John E. Voss, Mach.....Buffalo
- N Walter Wanamaker, P. M.....Buffalo
- N Robert James Waburton, J. and C.....Buffalo

CLASS OF JUNE, 1916.

- N Anthony Hora, M. D.....Buffalo