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State Teachers College Bulletin

BUFFALO, NEW YORK

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Miss Helen G. Englebreck
State Teachers College
Buffalo, N. Y.

EXTENSION COURSES

AUGUST - 1935

1935—1936

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THE FACULTY, 1935-1936

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Charles C. Root, M.A.	Professor of Education
Hertha A. Specht, M.A.	Junior High School Critic in English and Latin
John M. Thurber, Ph.D.	Professor of English
Charles A. Vail, M.A.	Instructor in Science
Kate V. Wofford, Ph.D.	Professor of Rural Education

CALENDAR, 1935-1936

1935

FIRST SEMESTER

Saturday, September 14, 9:00-11:00 A.M.—Registration
11:00-11:55 A.M.—First hour Classes Meet
12:00-12:55 P.M.—Second hour Classes Meet

(All students are expected to register on this date)

Friday, September 20, 4:00-4:20 P.M.—Registration for Friday
Classes

4:20 P.M.—Friday Classes Meet

Friday, September 27, No Registration for Credit in Friday Classes
after 4:30 P.M.

Saturday, September 28, No registration for Credit after 9:00 A.M. for
any classes

No change in Schedule after 9:00 A.M.

Saturday, October 12, Classes Will Meet this Day as Usual
Friday and Saturday } Zone Meeting, New York State Teachers
November 1 and 2 } Association. (Holiday)

Friday and Saturday } Thanksgiving Recess (Holiday)
November 29 and 30 }

Friday, December 20 thru } Christmas Recess (Holiday)
Saturday, January 4, 1936 }

1936

Friday, January 10, Classes Resume Work
Saturday, February 1, Final Examinations
First Semester Ends

SECOND SEMESTER

Saturday, February 1, 9:00 A.M.-12 M.—Registration
(All students are expected to register on this date)

Friday, February 7, 4:00-4:20 P.M.—Registration for Friday
Classes

4:20 P.M.—Friday Classes Meet

Saturday, February 8, 9:00-10:50 A.M.—First Saturday Classes
Meet

Saturday, February 15, No Registration for Credit After 9:00 A.M.
No Changes in Schedule After 9:00 A.M.

Friday, February 21, No Registration for Credit in Friday Classes
after 4:20 P.M.

Classes Meet as Usual

Saturday, February 22, Easter Recess (Holiday)
Friday, April 10 thru }

Saturday, April 18 } Classes Resume Work

Friday, April 24, Friday Classes Will Not Meet (Holiday)

Friday, May 29, Memorial Day (Holiday)

Saturday, May 30, Final Examinations—Second Semester Ends
Friday and Saturday, }
June 5 and 6 }

June 13, 14, 15 and 16, Commencement Program

(4)

FRIDAY AFTERNOON COURSES

4:20-6:00 P.M.

FIRST SEMESTER

History of the Niagara Frontier.....Mr. Bingham Room 118
Mental Hygiene (A).....Mr. Clement Room 218
Practical Costume Design.....Miss Peek Room 211

SECOND SEMESTER

Art in Everyday Life.....Miss Peek Room 211
Literature for Elementary Grades.....Miss Hirsch Room 214
Mental Hygiene (B).....Mr. Clement Room 218

SATURDAY COURSES

FIRST SEMESTER

First Period 9:00-10:40 A.M.

Activity Program (A).....Misses Allen, Hirsch,
.....Jamison, Dana, Metz, O'Brien, and Specht Room 221
Art in the Activity Program.....Mrs. Heyman Room 209
Biology for Teachers.....Mr. Fretz Room 220
Current History (A).....Mr. Rockwell Room 217
The Elementary School Principalship (A).....
.....Mr. Pugsley Room 114-15
Foundation of Modern Europe.....Miss Englebreck Room 117
General Literature (A).....Mr. Messner Room 203
History of American Education.....Mr. Root Room 222
History of Mathematics.....Mr. Phillippi Room 116
Rural Sociology and Economics.....Miss Wofford Room 112
Stage Craft.....Mr. Bradley Craft Shop
Supervision.....Mr. Perkins Room V-104
Visual Aids in Education.....Mr. Fontana Room 204

Second Period 10:50 A.M.-12:30 P.M.

Elementary School Curriculum (A).....Mr. Osburn Room 107
Elementary School Methods in Science.....
.....Mrs. Gemmill Room 106

(5)

Industrial Arts Design.....	Mr. Quackenbush	Room V-104
Intermediate German	Mr. Grabau	Room 203
Painting	Mr. Czurles	Room 206
Principles of Economics.....	Mr. Peterson	Room 118
Principles of Education.....	Mr. Bruce	Room 221
Psychology of Personality.....	Mr. Hertzberg	Room 220
Recent Literature (I).....	Mr. Thurber	Room 217
The Teacher's Part in Personnel Work and Counseling	Miss Reed	Room 218
Vocational and Educational Guidance.....	Mr. Morrice	Room V-109

SECOND SEMESTER

First Period 9:00-10:40 A.M.

Activity Program (B).....	Misses Allen, Hirsch, Jamison, Dana, Metz, O'Brien, and Specht	Room 221
American Education Since 1900.....	Mr. Root	Room 222
Art Appreciation or Oriental and American Art.....	Mr. Bradley	Room 204
College Algebra	Mr. Ebert	Room 116
Current History (B).....	Mr. Rockwell	Room 217
Elementary Child Nutrition.....	Miss Dupre	Room 220
The Elementary School Principalship (B).....	Mr. Pugsley	Room 114-15
European History Since 1789.....	Miss Englebreck	Room 117
General Literature (B).....	Mr. Messner	Room 203
The Victorian Period.....	Mr. Ballantyne	Room 218

Second Period 10:50 A.M.-12:30 P.M.

Diagnostic and Remedial Technique in Reading.....	Mr. Hertzberg	Room 220
Education in a Changing World.....	Miss Wofford	Room 112
Elementary School Curriculum (B).....	Mr. Osburn	Room 107
The Family.....	Mr. Neumann	Room 223
History of the Foreign Policy of the United States	Mr. Peterson	Room 118
Intermediate German	Mr. Grabau	Room 203
Library Use in Teaching and Research.....	Miss Hepinstall and Miss Specht	Room 204
Parent Education.....	Miss Allen and others	Room 221
Physical Science for the Grade Teacher.....	Mr. Vail	Room 222
Recent Literature (II).....	Mr. Thurber	Room 217
Recreational Crafts	Mr. Fontana	Craft Shop

FOREWORD

There was a time when Triceratops, Ichthyosaurus, and Archaeopteryx were engaged in a terrifying struggle for survival against Neanderthal man. Tooth and claw were pitted against an early and growing intelligence. Size and brute strength were opposed by the first glimmerings of inventive genius and by an ability to use the social environment and to transmit the social heritage.

Time passed. And Neanderthal man, grown up to the twentieth century, had so learned to control himself, his surroundings and his fellow human beings that he no longer feared his environment and had, to an extent, eliminated survival of the fittest. But man had created certain false survival values. He forgot the importance of the things of the spirit, the necessity of maintaining a bond of cooperative brotherhood, and the need of continuously progressive growth of practical and ethical idealism. Again he set up a survival struggle, not, this time, with outside forces, but with his fellow men and the inventions and economic forces which he had himself created.

Man in his evolution designated certain persons to insure transmission of the social heritage. He called them teachers. He laid upon them the duty of interpretation of life and its complexities. Today, with a new type of survival struggle presenting the most involved economic and social change the world has known, it is to those teachers that man must look for retention of past stabilities and to readjustment to a new world. Largely in their hands lies the question of the dominance of brute force or rule by the compulsion of awakened intelligence. On the teacher lies the present necessity of new adjustments, new understandings and a continuous growth.

PURPOSE

The Extension program is organized primarily to enable teachers and principals in service to complete the four-year course leading to the degree of Bachelor of Science. Its courses also offer opportunity for increased efficiency and personal satisfaction without regard for credit requirements.

Normal School graduates who have completed the former two-year course or the present three-year course, may, in most cases, meet the requirements for the degree of Bachelor of Science by pursuing Summer Session and Extension Courses.

For information regarding the entire curriculum of the College and the requirements for the degree, students are referred to the general catalog of the College, obtainable in the General Office. Students who wish evaluation of credentials should consult the Registrar, and all who are candidates for diplomas or degrees should request an evaluation and statement of remaining requirements, which will be made in writing only. Students offering credit from other institutions will be required to furnish official transcripts and official evidence of High School graduation.

REGULATIONS

1. Teachers in service and properly qualified undergraduates will be admitted to Extension courses, subject to such restrictions as are hereafter noted.
2. The first semester begins September 14 and closes February 1, 1936. The second semester begins February 8 and closes June 6, 1936. All classes will be held at State Teachers College unless otherwise noted. Saturday class periods are from 9:00 to 10:40 A.M. and from 10:50 A.M. to 12:30 P.M. Friday classes are from 4:20 to 6:00 P.M.
3. All students are expected to register on the dates indicated in the calendar on Page 4. No diviation will be permitted from the dates indicated in the calendar.
4. A fee of \$7.50 is charged for each semester hour. Special exceptions may be made in the case of regular students and faculty. Fees are payable at registration. No refunds will be made unless the course is discontinued.

5. The State Department of Education will not accept more than four hours in any given semester for credit toward a teachers certificate or diploma.
6. No student will be allowed more than two absences in a fifteen session course, or more than three absences in a twenty-three session course. Late registration will count as an absence.
7. While credit is granted for the completion of all credit courses, the application of such credit to the specific program of any student is subject to the approval of the Registrar. Extension credit is transferable to other academic institutions, in accordance with the regulations of such institutions.
8. Students are urged to examine the course descriptions carefully. Variation from the year indicated in the catalog should not exceed one year and that only with permission.
9. Candidates for degrees are allowed five years in which to complete each year of credit required for the degree. Students earning less than one year of credit in any five-year period shall be subject to any new regulations which may be adopted during that period.
10. If a student wishes to be considered a candidate for a degree he is expected to secure, either by mail or by personal interview, evaluation of his program from the Registrar in order that he may be sure that work taken will fit his individual need.
11. Students taking extra-mural courses are warned not to expect credit if such courses fall within the last sixteen hours of required residence.
12. Transcripts of record are not given to students, either undergraduate or graduate, but will be forwarded upon request to educational authorities whom the students may designate. No charge is made for the first transcript, but a charge of \$1.00 is made for each additional transcript.

13. The Registrar's office cannot ordinarily furnish transcripts of record during registration week of any semester and, because of the large number of requests, students are urged to make application for transcripts some time before the date on which they are needed.
14. All courses in Extension are expected to require the same standard of serious effort as similar courses given during the regular session. To this end, courses carrying two semester hours of credit assume a minimum preparation of two clock hours devoted to reading and preparation for each meeting of the class, and some courses may require considerably more than the minimum of preparation and outside study.
15. The right is reserved to make any necessary alterations in the course offerings listed in this catalog without notice.

APPLICATION FOR DIPLOMA

Students expecting to qualify for degrees in January or June of any year are required to make application in the Registrar's office for such degree by November 1 of the year in which they expect to graduate. Diplomas will not be ordered for students who fail to make application, and the College cannot be responsible for the graduation of any who fail to make application. Students completing the requirements for the degree during the Summer Session are required to make application for the degree before the close of the Summer Session.

DESCRIPTION OF COURSES

ART

Art X165. Practical Costume Design.

Study of personal coloring and personality types and how these should influence choice of line, form, color, and texture in costumes for all occasions. Individual problems considered practically. Use of paint for color experimentation, colored paper, swatches of materials, fashion magazines.

First semester, Fridays, 4:20-6:00 P.M. Room 211. Two semester hours credit. Miss Peek.

Art X171. Art in the Activity Program.

The organization and development of art activities for the Elementary grades. Manipulation of the various materials and the application of art principles involved. The problems may include modeling puppets, shadows, masks, small stage sets, paraffine prints, and the different methods of illustrating stories. Problems will be varied to meet individual needs. This course should be of special interest to Elementary teachers developing progressive methods of teaching. Third and Fourth Year elective.

First semester, Saturdays, 9:00-10:40 A.M. Room 209. Two semester hours credit. Mrs. Heyman.

Art X254. Painting.

Painting for beginners interested in art as recreation and more advanced instruction in water colors or oils for students desiring to continue in this field of work. Individual and group instruction according to interests.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 206. Two semester hours credit. Mr. Czurlas.

*Art X301. Art Appreciation.

Art principles as applied in the fine and useful arts. The appreciation of the arts of building, sculpturing, and painting. The minor arts of various lands. Visits to the Art Gallery and the Museums. Readings, lectures, and discussions. Third and Fourth Year elective.

Second semester, Saturdays, 9:00-10:40 A.M. Room 204. Two semester hours credit. Mr. Bradley.

*Art X303. Oriental and American Art.

Brief study of the Art of India, China, and Japan, in comparison with European Art. The growth and development of Art in America from pre-historic to modern times. Influences affecting American Art and the lives and works of outstanding artists. The application of Art in industry and discussions of contemporary movements. Required for Special Art Students. Elective for others who have completed Art 302.

Second semester, Saturdays, 9:00-10:40 A.M. Room 204. Two semester hours credit. Mr. Bradley.

*Will be offered at the same hour. The course getting the largest registration will be given.

Art X304. Art in Everyday Life.

A study of Art principles and their application in the selection and arrangement of the acquisitions of life; on the person, in the home, in the school, office or industrial establishment. Open to students of all departments as an elective course.

Second semester, Fridays, 4:20-6:00 P.M. Room 211. Two semester hours credit. Miss Peek.

Art X471. Stage Craft.

Designing and building stage sets. Stage layout, standing sets, construction and painting of flats, etc. Miniature stage sets, color, lighting, etc.

First semester, Saturdays, 9:00-10:40 A.M. Craft Shop. Two semester hours credit. Mr. Bradley.

Art X472. Recreational Crafts.

Craft work as a recreational activity or in preparation for High School crafts. Design is applied to textiles, leather, wood and metal, batik dyeing, leather tooling, wood carving, and simple metal works as means of executing designs. Individual interest may be developed and work may be in the four materials named or eliminated as desired. Students will be expected to purchase their own materials for the selected projects. Third and Fourth Year elective.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Craft Shop. Two semester hours credit. Mr. Fontana.

EDUCATION

Ed. X304. History of American Education.

A brief study of the evolution of our American State school system, including the European background, transplanting of European ideas, their adaptation to American conditions, and the establishment of our State system, and the recent rapid expansion and extension of that system to meet the needs of our modern life. This course, combined with Ed. X430, which will be given the second semester, will satisfy the requirements in History of Education for the College graduate professional certificate. Required of Juniors.

First semester, Saturdays, 9:00-10:40 A.M. Room 222. Two semester hours credit. Mr. Root.

Ed. X430. American Education Since 1900.

A survey of the educational progress in the first third of the twentieth century with the purpose of clarifying present educational thought and interpreting present trends in education. When combined with course Ed. X304 (History of Education) this will furnish sufficient credit to meet State requirements for certification purposes. Open to Third and Fourth Year students. Ed. X304, offered in the first semester (or equivalent), should precede this course.

Second semester, Saturdays, 9:00-10:40 A.M. Room 222. Two semester hours credit. Mr. Root.

Ed. X305. Principles of Education.

Aims to integrate for teachers the details of educational theory and practice represented by the preliminary courses in education, psychology and biology, thus furnishing them with a unified body of educational doctrine. This is accomplished by viewing the educational process as the "life process." From the natural laws of this process are developed the fundamental principles and goals for education. Considerable time will be devoted to the fundamentals of New York State School Law. Required of all Third Year students.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 221. Two semester hours credit. Mr. Bruce.

Ed. X420. Elementary School Curriculum (A and B).

It is the purpose of this course to acquaint teachers with the nature, composition, and use of the well constructed curriculum, and develop skill in determining acceptable subject aims, content, and method. Topics to be treated: the curriculum reflects the nature of society; functions the public Elementary school should perform; setting up general and specific aims consistent with these functions; selection of curriculum content for the major school subjects; the place of method and outcomes in the curriculum. For Fourth Year and properly qualified Third Year students. Required in the Fourth Year for Kindergarten-Primary and Intermediate grade students. Recommended for candidates for Elementary Principal's license.

(A)—First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 107. Two semester hours credit. Mr. Osburn.

(B)—Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 107. Two semester hours credit. Mr. Osburn.

Ed. X424. The Elementary School Principalship (A).

This course deals with some of the problems in organization and administration of the Elementary school. Topics as follows are dealt with: place of the school in the community; the principal's place in school organization; current types of Elementary school organization; business and office administration; equipment, texts and supplies; classification, promotion and movement of pupils; organizing for individual needs; care of the plant. This course may either precede or follow part (B). Open to principals, teachers and supervisors of one or more years' experience, and to others specially qualified.

First semester, Saturdays, 9:00-10:40 A.M. Room 114-15. Two semester hours credit. Mr. Pugsley.

Ed. X424. The Elementary School Principalship (B).

Topics dealt with are: the curricular programs; school services, such as census, attendance, welfare, and health; testing, child accountability, extra-curricular activities; utilization of the resources of the school plant, such as auditorium, gymnasium, visual aids, radio, library; problems of control; improving the teaching; improving the principal. This course may either precede or follow the Elementary School Principalship (A). Open to principals, supervisors, teachers, of one or more years' experience, and to others specially qualified.

Second semester, Saturdays, 9:00-10:40 A.M. Room 114-15. Two semester hours credit. Mr. Pugsley.

Ed. X433. Visual Aids in Education.

This course will deal with:

1. An analysis and interpretation of the meaning of the term of visual education.
2. A comprehensive study of the types of visual aids, their development and the principles involved in their use.
3. A complete study of the mechanics of visual education, dealing with:
 - a. Study of photographic process and its applications to many phases of visual education.
 - b. An analysis and study of cameras, developing, enlarging, reduction, copying, and slide making.
 - c. Study and use of film, slide, and opaque projections, stereopticons, standard and narrow gauge projectors, and a study of the relative costs of each.
4. The organization and use of visual education by each student for their particular field.

First semester, Saturdays, 9:00-10:40 A.M. Room 204. Two semester hours credit. Mr. Fontana.

Ed. X435. The Teacher's Part in Personnel Work and Counseling.

A course including the basic principles of Vocational and Educational Guidance as these aid the teacher in the modern educational program. Techniques and procedures will be discussed: i.e., methods of interview, the use of tests, case studies, cooperation with specialists, analysis of vocational and educational opportunities, and relationship with agencies in the community.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 218. Two semester hours credit. Miss Reed.

Ed. X438. Education in a Changing World.

This course is designed to develop for both urban and rural teachers a background of education against a changing social order. It will cut across many fields, namely: Sociology, Economics, History, and Philosophy. The philosophy, the curriculum organization, and the techniques of the new school will be stressed. Third and Fourth Year elective.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 112. Two semester hours credit. Miss Wofford.

ENGLISH

Eng. X402. The Victorian Period (1832-1890).

The poetry, fiction, and non-fiction prose of this rapidly expanding era. An analysis of the various forces finding new expressions in science, religion, industry, and social customs. The works of Tennyson, Browning, Dickens, Thackeray, Carlyle, Ruskin, Arnold, Newman, and the other major and minor authors are included.

Second semester, Saturdays, 9:00-10:40 A.M. Room 218. Two semester hours credit. Mr. Ballantyne.

Eng. X403. Recent Literature (I) (1865-1915).

The plays of Tom Robertson, Henry Arthur Jones, Arthur Wing Pinero, Oscar Wilde, John Galsworthy, J. M. Barrie, G. B. Shaw, A. A. Milne, and their contemporaries in the Empire and in America. This course opens one of the most interesting periods of literature and supplies a wealth of valuable material. Elective for Sophomores, Juniors, and Seniors.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 217. Two semester hours credit. Mr. Thurber.

Eng. X404. Recent Literature (II) (1865-1915).

Continuation of Recent Literature (I), directing particular emphasis upon the short story and novels of the period, including British and American authors. Elective for Sophomores, Juniors, and Seniors.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 217. Two semester hours credit. Mr. Thurber.

Eng. X425. Literature for Elementary Grades.

This course attempts to bring the teacher's knowledge up to date regarding the books which children read. It will include a survey of the history and development of children's literature; the standards guiding the selection of books and a critical evaluation of recent publications in this field. Special attention will be given such material as poetry, fairy tales, biography, travel, adventure, illustrators, and best editions. Designed for Kindergarten-Primary, Intermediate, or Rural teachers. Third and Fourth Year elective. Not open for credit to those who have had Juvenile or Children's Literature since 1930.

Second semester, Fridays, 4:20-6:00 P.M. Room 214. Two semester hours credit. Miss Hirsch.

GENERAL LITERATURE

The following courses are designed to provide teachers an acquaintance with our European literary heritage for their own personal culture and for the enrichment of their teaching, especially their teaching of literature and history. The literary works studied are brought into relation with the life and culture of the period. Constant reference will be made to the influence of this literary material upon the literature of England and America. All the works included will be read in English translation, and no knowledge of foreign languages is required. These courses are elective for Juniors and Seniors in all departments. They may be credited as English Literature or Foreign Language.

Eng. X421. General Literature (A).

Masterpieces of the Middle Ages. Reading in English translation selected literary masterpieces of the Mediaeval period: such as, early Christian writings; St. Augustine's Confessions and City of God; Boethius's Consolations of Philosophy; Mediaeval epics; The Niebelungenlied; The Song of Roland; The Poem of Cid; Mediaeval romances; Aucassin and Nicolette, Chretien de Troyes, Tristan and Iseult; Mediaeval tale collections; Seven Sages of Rome, Gesta Romanorum, Golden

Legend, Boccaccio's Decameron; Mediaeval lyric poetry: Dante, Petrarch, Villon, Dante's Divine Comedy. No text required.

First semester, Saturdays, 9:00-10:40 A.M. Room 203. Two semester hours credit. Mr. Messner.

Eng. X422. General Literature (B).

Masterpieces of the Renaissance and Modern Times. Reading in English translation selected literary masterpieces illustrative of the Renaissance and Modern period: such as, Erasmus' Praise of Folly; More's Utopia; Machiavelli's Prince; Castiglione's Courtier; Cellini's Autobiography; Rabelais, Montaigne; Ariosto's Orlando Furioso; Cervantes' Don Quixote; Moliere's comedies; the tragedies of Corneille and Racine; Voltaire; Rousseau; Goethe's Faust. No text required. General Literature X421 is not a prerequisite.

Second semester, Saturdays, 9:00-10:40 A.M. Room 203. Two semester hours credit. Mr. Messner.

FOREIGN LANGUAGE

German X103. Intermediate German.

Prerequisites: Completion of German 101-102 or 2 years of High School German.

Review of grammar; written exercises involving translation from German to English and from English to German; dictation, and written composition; reading of literature concerning life in modern Germany; reading of German technical essays; oral composition and conversation.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 203. Two semester hours credit. Mr. Grabau.

German X104. Intermediate German.

Prerequisites: Completion of German 103 or 3 years of High School German. (Note: No college credit will be granted for German 103 until German 104 has been satisfactorily completed.)

Continuation of the essentials of the work of the first semester; in addition to the reading of modern German fiction, German drama of the classical and 19th century periods, and German technical articles.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 203. Two semester hours credit. Mr. Grabau.

ECONOMICS, HISTORY AND SOCIOLOGY

Ec. X301. Principles of Economics.

The essential purpose of this course is the acquirement of a working knowledge of sound economic theory in order that the phenomena of the industrial and commercial world may be understood. The customary division of the science is followed: production, exchange, distribution, consumption. Attention is given to labor and reform movements. Required of all Juniors in the General College and Industrial Arts departments.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 118. Two semester hours credit. Mr. Peterson.

Hist. X301. European History Since 1789.

The general history of Europe from the French Revolution to the present time, with especial emphasis upon the growth of democracy, social and industrial changes, the World War, and the European problems of today. Required of all Juniors in the General department.

Second semester, Saturdays, 9:00-10:40 A.M. Room 117. Two semester hours credit. Miss Englebreck.

Hist. X404. Foundation of Modern Europe, 1500-1789.

The contribution of the Middle Ages to European civilization; the development of thought and action from the Protestant Revolt, through the period of rising national states, the balance of power, the intellectual awakening and the commercial revolution to the eve of the French Revolution. Elective for Sophomores, Juniors, and Seniors.

First semester, Saturdays, 9:00-10:40 A.M. Room 117. Two semester hours credit. Miss Englebreck.

Hist. X406. History of the Foreign Policy of the United States.

A study of the diplomacy and foreign relations of the United States from the Revolution to the present time, and a comparison of the diplomacy of the new world with that of the old. Particular emphasis upon the foreign relations of the last third of a century, including such topics as the League of Nations, the Washington Conference, Latin America, and efforts for world peace. Especially recommended to students who are planning to teach history. Elective for Sophomores, Juniors, and Seniors.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 118. Two semester hours credit. Mr. Peterson.

Hist. X411. Current History (A and B).

Survey of events of the present and immediate past to evolve significant historical trends, eliminating the sensational and inconsequential; discussion of current events in the field of national affairs; foreign affairs, music, art, literature, education, religion, etc., with extended study of such significant topics as the New Deal, the monetary situation, economic programs, changes in the Far East, Germany and Russia; critical study of the press to determine its service in forming historical perspectives or harmful distortion of news. A term paper of some comprehensiveness, with bibliography, is required of every student, covering significant current problems in world affairs, on one of a score of leading personalities who are shaping world affairs. Third and Fourth Year elective.

Both semesters, Saturdays, 9:00-10:40 A.M. Room 217. Two semester hours credit each semester. Mr. Rockwell.

Hist. X414. History of the Niagara Frontier.

A systematic study of the eventful and romantic history of this colorful region, designed to acquaint the student with the importance of this locality in the life of our nation and through study to fit the scholar for better citizenship. The course covers: the prehistoric period of Indian occupation, the coming of the French, the English rule, the first

settlements, the Holland Land Company, the building of Buffalo and the advance of commerce and transportation.

First semester, Fridays, 4:20-6:00 P.M. Room 118. Two semester hours credit. Mr. Bingham.

Soc. X410. The Family.

A study of the basic social institution with emphasis on its personality determining characteristics, its molding of life patterns and the challenges it presents to the school as an institution which cooperates with the home in the social preparation of children for life, aids in preparing youth for their own family life and participates in parental and other forms of adult education.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 223. Two semester hours credit. Mr. Neumann.

Soc. X411. Rural Sociology and Economics.

This course aims to give both the rural and urban teacher a working background of the social problems that underlie the field of rural education. It will deal with an analysis of population trends, the rural community, typical of New York State, and the problems therein which effect education. The problems of production, distribution, and consumption of farm goods will receive attention, particularly under the "New Deal." Sociological problems of the farm family, problems in the field of health, recreation and religion in rural areas will be discussed. Third and Fourth Year elective.

First semester, Saturdays, 9:00-10:40 A.M. Room 112. Two semester hours credit. Miss Wofford.

KINDERGARTEN-PRIMARY

K.-P. X407. Parent Education.

This course is planned especially for teachers in service, who wish to become acquainted with the underlying principles, trends, and techniques connected with this rapidly increasing movement.

Consideration will be given to teachers' needs for social study of children's families; and to the motives influencing parent-child relationships and their consequent effect on school life. The relation of parent education to the broader program of adult education will be stressed.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 221. Two semester hours credit. Miss Allen and others.

K.-P. X408. Activity Program (A and B).

This course is designed to meet the needs of teachers in the field who are interested in the so-called activity program and is to be a survey of the work from Kindergarten through Junior High school. The underlying principles will be considered and evaluated. Organization and procedures will be discussed by teachers who are actually carrying on this type of work. Files containing related materials, such as units previously written, teacher and children bibliographies, etc., will be open to students enrolled in this course.

Both semesters, Saturdays, 9:00-10:40 A.M. Room 221. Two semester hours credit each semester. Misses Allen, Hirsch, Dana, Jamison, Metz, O'Brien, Specht.

LIBRARY

Lib. X300. Library Use in Teaching and Research.

Library use in elementary and secondary school teaching.

Purpose:

1. To show students how to use books and reference materials in teaching language and literature, social sciences, natural sciences.
2. To teach students how to impart this information to children in the schools by means of library lessons.
3. To help them acquire that knowledge of literature for children which a teacher must have in order to assist the children in their selection of leisure reading. Also planned to aid students in locating materials for term papers or problems in research, instruction in use of special reference materials and practical bibliography making.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 204. Two semester hours credit. Miss Hepinstall and Miss Specht.

MATHEMATICS

Math. X402. College Algebra.

A rapid review of High School algebra is followed by studying mathematical induction, graphical interpretation of formulae, theory of equations, the formation and use of logarithms and such other topics as are necessary for the study of trigonometry, analytics and calculus. Prerequisites: Intermediate algebra. Elective.

Second semester, Saturdays, 9:00-10:40 A.M. Room 116. Two semester hours credit. Mr. Ebert.

Math. X404. History of Mathematics.

A history of the development of arithmetic and other mathematics as has been found through research of inscriptions and other records found in India, Europe, Northern Africa, and America.

First semester, Saturdays, 9:00-10:40 A.M. Room 116. Two semester hours credit. Mr. Phillippi.

PSYCHOLOGY

Psy. X405. Diagnostic and Remedial Techniques in Reading.

This course aims to present a system of measuring achievement, diagnosing difficulties, and indicating remedial measures in reading. More specifically, the course will cover the following units: brief historical background on varied emphasis of content and method of reading instruction during different periods to date; factors involved in the new method of reading instruction; physiological, psychological, and educational causes of difficulties in reading; making a general survey of a particular class in your own school by means of reading and intelligence tests; a study of individual cases of reading disability by means

of a series of diagnostic tests to determine the physical, psychological, and educational causes of difficulty; setting up a program of remedial instruction; practical application of the above to all grades from One through Eight. For Juniors and Seniors.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 220.
Two semester hours credit. Mr. Hertzberg.

Psy. X406. Mental Hygiene (A and B).

The concept of mental hygiene as fundamental to a child-centered educational program. Especial attention is given to mental hygiene as a determinant of curriculum, assignment and classroom management; and to symptomology, diagnosis and treatment of maladjusted children. Each student will be required to conduct a self-survey and to make a detailed study of a maladjusted child. Third and Fourth Year elective.

Both semesters, Fridays, 4:20-6:00 P.M. Room 218. Two semester hours credit each semester. Mr. Clement.

Psy. X408. Psychology and Personality.

The general purpose of the course is to study and analyze the various factors which influence the development of integrated and dis-integrated personalities. More specifically the course will cover the following units: popular notions held concerning what constitutes personality; modern psychological concepts of what constitutes personality; the development of a definition of personality; traits which a person must not lack to have a good personality; various personality types; the ego, emotional factors, endocrine glands, subjective and objective attitudes, fears, feelings of inferiority and inadequacy, the problem of failure, behavior problems, discipline, etc., in their relation to personality; pseudo-scientific methods of analyzing personality; objective methods of diagnosing, analyzing, and measuring personality; relationship between personality, intelligence, and scholarship; personality adjustments and maladjustments of school children; importance of personality in teaching. Elective for Juniors and Seniors.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 220.
Two semester hours credit. Mr. Hertzberg.

SCIENCE

Sc. X305. Physical Science for the Grade Teacher.

A survey of the physical sciences, embracing chemistry and physics; proceeding toward that organization of practical situations, activities and phenomena, which are recognized as dealing directly with the mechanisms and appliances of everyday life, and the teaching of these in the grades. A great many demonstrations suitable for grade teaching will parallel the discussions. Students will be encouraged to plan and give some of these demonstrations. It is hoped that the course will aid the teacher with the State science syllabus. Third and Fourth Year elective.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 222.
Two semester hours credit. Mr. Vail.

Sc. X340. Elementary Child Nutrition.

Designed to meet the needs of the Elementary and High school teachers who are not Home Economics students. An understanding of the nutritional needs of children of all ages, the importance of proper feeding to the health of the child. Especial emphasis upon food selection for the mal-nourished and nervous child, dietary studies with reference to Elementary and High school boys and girls.

Second semester, Saturdays, 9:00-10:40 A.M. Room 220. Two semester hours credit. Miss Dupre.

Sc. X401. Biology for Teachers.

A survey of the fundamental facts and principles of biology related to teaching science in the Elementary school. Familiar forms of plant and animal life are used to illustrate the principles of biology, with emphasis on ecology, or the relationship of the organism to its environment. Structure and physiology are studied for their value in developing biological principles and generalizations.

First semester, Saturdays, 9:00-10:40 A.M. Room 220. Two semester hours credit. Mr. Fretz.

Sc. X412. Elementary School Methods in Science.

A survey of some research studies, and outstanding programs of science for the Elementary schools, together with the educational philosophy underlying the new science movement.

Special attention is given to the new syllabus in Elementary science for the Elementary schools. The materials of this syllabus will form the main part of the course. Conventional classroom procedure, methods for conducting field trips, and activities which may aid in carrying out the proposed program, form the basis for discussion and study.

A reasonable familiarity with the literature which is available for the teacher of such science work will be acquired by the end of the course. Third and Fourth Year elective.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 106.
Two semester hours credit. Mrs. Gemmill.

*VOCATIONAL-INDUSTRIAL COURSES

Voc. X303. Vocational and Educational Guidance.

History of the Guidance movement in America; relation of Vocational and General education to the Junior and Senior High school; the media of guidance; occupational studies; duties and responsibilities of the counselor; placement and follow-up systems; the use of tests in counseling and in guidance; studies of record keeping; and type studies. Required of Industrial Arts Juniors and Vocational students. Elective for Juniors and Seniors of the General College department. Especially recommended for Junior High school teachers.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room V-109.
Two semester hours credit. Mr. Morrice.

Voc. X351. Industrial Arts Design.

The purpose of this general course is to give the student a working knowledge of designer's table tools, the principles which govern their use, their sources and their application. The major topics given consideration will be (a) sources; historic ornament (styles developed in historic periods), motifs derived from nature and from geometry, designer's web, and understanding of proportional; (b) principles: unity (harmony), balance, rhythm and dominance; (c) color: theory, graying, harmony and use; (d) lettering (considered as pure design); simple, legible, well-proportioned; (e) what constitutes good design in line, mass, tone and color; (f) applications in many media and many fields of industrial art—border, surface, and structure. Lecture and outside preparation.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room V-104.
Two semester hours credit. Mr. Quackenbush.

Voc. X404. Supervision.

Topics as follows will be treated: the true meaning of supervision; the Supervisor's place in the line-staff organization; improvement of the teaching act by visitation, analysis, and conference; selection of subject matter, text books, supplies and tests; organization and uses of teacher's meetings, demonstration lessons, and directed observation.

First semester, Saturdays, 9:00-10:40 A.M. Room V-104. Two semester hours credit. Mr. Perkins.

*NOTE—Other Vocational courses, either required or electives, will be offered if groups so interested will make a request. This applies to intra-mural and extra-mural courses. For information write Irving C. Perkins.