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

State Teachers College Bulletin

BUFFALO, NEW YORK

VOL. V. NO. 5



EXTENSION COURSES

AUGUST — 1937

1937-1938

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State Teachers College Bulletin

BUFFALO, NEW YORK VOL. V, No. 2



EXTENSION COURSES

AUGUST - 1937

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THE FACULTY, 1937-38

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Harry C. Johnson, A.M.

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Faye Kever, A.M. Instructor in Clothing
Ruth McLean, A.M. Instructor in Art
Charles A. Messner, Ph.D. Professor of Latin
Martha G. Metz, A.M. First Grade Critic
Harold F. Peterson, Ph.D. Instructor in Economics and History
Joseph F. Phillippi, A.M. Professor of Mathematics
Chester A. Pugsley, D.Ed

Professor of Elementary School Education

and Principal of the Practice School

Margaret S. Quayle, Ph.D. Assistant Professor of Education
Catherine E. Reed, A.M. Dean of Women
Harry W. Rockwell, A.M.; Pd.D. President
John M. Thurber, Ph. D. Professor of English
Charles A. Vail, A.M. Instructor in Science
George Webster, A.M. Principal School No. 63
Katheryne T. Whittemore, Ph.D. Assistant Professor of Geography
Kate V. Wofford, Ph.D. Professor of Rural Education

FIRST SEMESTER

FRIDAY AFTERNOON COURSES

4:20-6:00 P. M.

Appreciation of Art.....	Mr. Bradley	Room	208
Comparative Education	Miss Dana	Room	205
Genetics	Mr. Fretz	Room	218

SATURDAY COURSES

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

Art History I.....	Miss McLean	Room	211
Consumer Education.....	Miss Keever	Room	223
Current History A.....	Dr. Rockwell	Room	218
Elementary School Principalship A.....	Dr. Pugsley	Room	114
Evolution of the Elementary School.....	Mr. Bruce	Room	221
French 101.....	Dr. Messner	Room	222
History of Civilization.....	Miss Englebreck	Room	117
History of Science.....	Mr. Vail	Room	V-208
Junior High School Organization A.....	Mr. Johnson	Room	118
Modern Education in Small Elementary Schools			
	Dr. Wofford	Room	220
Recent Literature I.....	Dr. Thurber	Room	217
Recent Trends in Reading.....	Miss Metz	Room	118
Solid Geometry.....	Mr. Ebert	Room	106
Unit Teaching and the Activity Program			
	Mrs. Ganey and Miss Hirsch	Room	214
Visual Aids in Education.....	Mr. Fontana	Room	204

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

American Economic History.....	Dr. Peterson	Room	118
Art in the Activity Program.....	Mrs. Heyman	Room	209
Educational Measurements in Child Learning		Room	218
Elementary School Curriculum A.....	Mr. Webster	Room	107
Elementary Science for the Grade Teacher..	Dr. Gemmill	Room	V-208
Essentials of Music.....	Miss Hurd	Room	105
General Literature A.....	Dr. Messner	Room	222
Modern Developments in Arts.....	Mr. Czurles	Room	211
Modern Novel.....	Mr. Hodgkin	Room	214
Modern Social Trends.....		Room	223
Principles and Problems of Personnel Work and Guidance			
	Miss Reed	Room	217
Psychology of Exceptional Children.....	Dr. Horn	Room	221
Psychology of Personality Adjustment....	Dr. Hertzberg	Room	220
Trigonometry	Mr. Phillippi	Room	116

SECOND SEMESTER

FRIDAY AFTERNOON COURSES

4:20-6:00 P.M.

Appreciation of Music.....	Miss Hurd	Room	105
Art in Everyday Life.....	Mr. Czurles	Room	211
Botany	Mr. Fretz	Room	V-208
Mental Hygiene.....	Dr. Quayle	Room	218

SATURDAY COURSES

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

American Literature.....	Mr. Hodgkin	Room	217
Art History II.....	Miss McLean	Room	211
Calculus	Mr. Phillippi	Room	116
Chemistry	Mr. Vail	Room	V-208
Creative Art Education.....	Mrs. Heyman	Room	209
Elementary School Principalship B.....	Dr. Pugsley	Room	114
French 102.....	Dr. Messner	Room	222
Geography of Asia.....	Dr. Whittemore	Room	223
Guidance thru Extra-Curricular Activities....	Miss Reed	Room	218
Junior High School Organization B.....	Mr. Johnson	Room	106
Language Arts in the Elementary Grades....	Miss Hirsch	Room	214
Principles of Economics.....	Dr. Peterson	Room	118
Principles of Education.....	Dr. Horn	Room	221
Recreational Crafts.....	Mr. Fontana	Craft Shop	

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

Choral Speaking.....	Miss Goossen	Room	119
Development of the Drama.....	Dr. Thurber	Room	217
Diagnostic and Remedial Instruction in Reading			
	Dr. Hertzberg	Room	220
Elementary School Curriculum B.....	Mr. Webster	Room	107
General Literature B.....	Dr. Messner	Room	222
History of the United States since 1865....	Mr. DeMond	Room	118
Junior High School English and Literature..	Mrs. Ganey	Room	214
Junior High School Mathematics.....	Mr. Ebert	Room	106
Junior High School Science.....	Dr. Gemmill	Room	V-208
Parent Education.....	Miss Allen and Miss Metz	Room	221
Physical Science for the Grade Teacher.....	Mr. Vail	Room	V-206
Rural Sociology and Economics.....	Dr. Wofford	Room	220

CALENDAR, 1937-1938

1937

FIRST SEMESTER

Saturday, September 18, 9:00-11:00 A.M.—Registration
 11:00-11:55 A.M.—First hour Classes meet.
 12:00 M.-12:55 P.M.—Second hour Classes meet

(All students are expected to register on this date)

Late registration will be counted as an absence.

Friday, September 24, 4:00-4:20 P.M.—Registration for Friday Classes
 4:20 P.M.—Friday Classes meet

Saturday, September 25, No registration for credit after 12:00 M. for
 Saturday Classes

Friday, October 1, No registration for Friday Classes after 4:20 P.M.

Saturday, October 2, No change in schedules after 12:00 M.

Friday and Saturday } Zone Meeting, New York State Teachers Asso-
 October 29, 30 } ciation. (Holiday)

Friday and Saturday } Thanksgiving Recess (Holiday)
 November 26, 27, }

Friday, December 17 thru } Christmas Recess (Holiday)
 Saturday, January 1, 1938 }

1938

Friday, January 7, Classes Resume Work

Friday and Saturday } Final Examinations—First Semester Ends
 February 4, 5, }

SECOND SEMESTER

Saturday, February 5, 9:00 A.M.-12:00 M.—Registration

(All students are expected to register on this date)

Friday, February 11, 4:00-4:20 P.M.—Registration for Friday Classes
 4:20 P.M.—Friday Classes Meet

Saturday, February 12, 9:00 A.M.-12:30 P.M.—Saturday Classes Meet

Friday, February 18, No changes in schedules for Friday Classes after
 4:20 P.M.

Saturday, February 19, No registration for Credit in Saturday Classes
 after 12:00 M.

Friday, April 15 thru } No changes in schedule after 12:00 M.
 Saturday, April 23 } Saturday, Feb. 19

Friday, April 29, Classes Resume Work

Friday and Saturday, } Final Examinations—Second Semester Ends
 June 3, 4, }

June 11, 12, 13, 14, Commencement Program

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 Saturday, September 18th., and closes Saturday, February 5th. 1938. The second semester begins Saturday, February 5th. and closes Saturday, June 4th. 1938. All classes will be held at Buffalo 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 No. 6. No deviation will be permitted from the dates indicated in the calendar. When serious conflicts arise it is important that plans be made in advance with the Registrar to insure proper registration.
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. No refunds will be made unless the course is discontinued. Fees are payable at registration.
5. The State Department of Education will not accept more than four hours in any given semester for credit toward a teacher's 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. Extra-mural courses will be organized in convenient centers where the demand is sufficient to justify it. Communication with the Director is urged.
12. Students taking extra-mural courses are warned not to expect credit toward degree if such courses fall within the last sixteen hours of required residence. Extra-mural credit does not count towards the residence requirements.
13. 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.
14. 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.
15. 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.
16. 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 171x. 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, or may be credited for Art 202 (Constructive Arts in the new curriculum)

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 209. Two-semester hours credit. Mrs. Heyman.

Art 203x. Creative Art Education.

A study of the creative impulse and its manifestation in the work of children; suggested procedures and their application to school subjects as well as for the personal education of the teacher. While the art field will be stressed the creative aspect of all subjects will be considered and the course adapted to meet the individual needs of the students.

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

Art 301x. Appreciation of Art.

Art in past and present day life. Its various forms of expression and the underlying principles fundamental to it. Study of typical works of art and experience in various mediums. Required of third or fourth year general college students. Prerequisite: Art 202.

First semester, Fridays, 4:20-6:00 P.M. Room 208. Two semester hours credit. Mr. Bradley.

Art 304x. Art in Everyday Life.

Everyday an individual has many and varied needs and problems whose solution would be very much facilitated by a knowledge of how we see; how various lines, forms, colors, and their arrangements affect us. How to arrange these factors so as to produce a satisfactory effect in a bulletin board display, or, make an interesting exhibit of vocational, home-economic, or class-project work, is a frequent problem of a teacher. In special fields, teachers would like to know how to analyze good and bad design in a wood project, or room arrangement, how to consider the lay-out of a publication, how to arrange flowers in vases, decorations in home and school rooms, how to hang and frame pictures, and, how to choose clothing most becoming to a certain individual.

In this course, principles of all design and arrangement will be studied as such, then their application in various fields and specific problems discussed.

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

Art 401x. Art History I.

The historic development of the Arts from pre-historic time through the Italian renaissance. The relation between the cultures and the arts of the various periods. Architecture, sculpture, painting, and the minor arts are viewed in order to discover the principles and the meaning of art. Lantern slides, prints and museum study supplement the text. Required of fourth year Art Education students. Elective for other third and fourth year students.

First semester, Saturdays, 9:00-10:40 A.M. Room 211. Two semester hours credit. Miss McLean.

Art 402x. Art History II.

The development of the arts from the spread of the renaissance to contemporary times. Oriental, aboriginal, and American arts. Required of fourth year Art Education students. Elective for other third and fourth year students. Prerequisite: Art 401.

Second semester, Saturdays, 9:00-10:40 A.M. Room 211. Two semester hours credit. Miss McLean.

Art 472x. 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 work are used as means of executing designs. Individual interest may be developed and work may be done in any or all of the four materials named. Students will be expected to purchase their own materials for the selected projects. Third and Fourth Year elective.

Second semester, Saturdays 9:00-10:40 A.M. Craftshop. Two semester hours credit. Mr. Fontana.

Art 474x. Modern Developments in the Arts.

Science, industry, modern education, religion, and other phases of contemporary life are working great changes in all fields of arts. These important shaping factors, and especially the tendencies they develop in fields of architecture, sculpture, painting, music, dance, poetry, and drama, will be discussed by various speakers including: Mr. Hodgins, of the Literature department; Miss Goossen, head of dramatics; Miss Speir, head of the Music department; Mr. Bradley, head of the Art Education department; and Miss McLean, instructor of modern dance. These speakers will supplement the class organization and lectures on painting, sculpture, and principles of art, given by Mr. Czurlis, Instructor of Art.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 211. Two semester hours credit. Mr. Czurlis.

ECONOMICS, HISTORY AND SOCIOLOGY

Ec. 204x. 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.

Second semester, Saturdays, 9:00-10:40 A.M. Room 118. Two semester hours credit. Dr. Peterson.

Ec. 303x. Consumer Education.

A study of (a) the nature and importance of the problems with which the present day buyer finds herself surrounded, (b) aids and guides to buying available to the consumer and (c) evaluation of sources of information on consumption. Detailed studies will be made of many articles commonly used and those in which the group is especially interested: such as, foods, clothing, household textiles, furniture, equipment, cleaning reagents, cosmetics, and drugs. Third and fourth year elective.

First semester, Saturdays, 9:00-10:40 A.M. Room 223. Two semester hours credit. Miss Keever and others.

HISTORY

Hist. 201x. History of Civilization.

A survey of man's constructive achievements from the earliest dawn of history to the present time. The course includes the following units: The contributions of primitive man and the early Eastern Mediterranean peoples; the development of the Graeco-Roman civilization; the growth and organization of the Christian church and its relation to the culture of the times; the crusades, feudal life, growth of towns, trade and the revival of learning with emphasis upon the effects of these in the lives of the people.

It also includes the awakening of thought through the Protestant Reformation; the rising of national states and the growth of democracy; the commercial and industrial revolutions with their effects upon trade relations; the development of nationalism, the growth of imperialism and internationalism with reference to the European problems of today.

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

Hist. 402x. American History Since 1865. (Old Curriculum).

This course is based upon the new economic, political, and social era which followed the Civil War; recognition of the United States as a world power; its part in the World War; and the recent developments in international affairs. Open to third and fourth year students.

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

Hist. 411x. Current History A.

This course consists of a 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, economic programs, the Supreme Court issue, European dictatorships, the War in Spain, etc.; 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.

First semester, Saturdays, 9:00-10:40 A.M. Room 218. Two semester hours credit. Dr. Rockwell.

S. S. 401x. Modern Social Trends.

Two types of problems are considered: (1) the major difficulties arising as society seeks to increase and distribute human adequacy; (2) the more important maladjustments constituting social pathology. Special consideration is given to the significance of these problems for teachers. The course includes the following units: the nature of social problems; problems of adjustment to external nature; population and its problems; distribution of wealth and income; health and physical welfare; control and care of the defective; race problems in the United States; the family; child's welfare; the meaning of social control; public opinion and its agencies; crime; alcohol as a beverage; and alcoholism; democratizing the state. Required of fourth year general college students.

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

S. S. 402x. American Economic History.

The development of the economic life of the Nation is traced from colonial beginnings. Emphasis is given to the industrial, commercial and agricultural phases of national development. The historical significance of economic factors with their meaning for educators is made evident. Required of third year home economic students. Elective for general college Seniors.

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

S. S. 436x. Rural Sociology and Economics.

This course aims to give both the rural and urban teacher a working background of the social and economic problems which underlie the field of rural education. It will deal with an analysis of population trends, the rural community, and the sociological problems affecting education. These will include problems of the family, community health, recreation, library facilities, etc.

The economic units will include such problems as: production, distribution and consumption of farm goods, land tenure, land utilization, etc. The social and educational implications of farm legislation under the "New Deal" will receive special emphasis.

Second semester, Saturdays, 10:50 A.M.-12:30 P. M. Room 220. Two semester hours credit. Dr. Wofford and others.

EDUCATION

Ed. 104x. Evolution of the Elementary School.

This course treats of European influences; origins and beginnings of American education; the evolution and development of education in New York;

extension of free public school system in New York and in the United States; the need for better trained teachers, and the development of teacher education as a State function. This course may be substituted for History of Education.

First semester, Saturdays, 9:00-10:40 A.M. Room 221. Two semester hours credit. Mr. Bruce.

Ed. 303x. Educational Measurements in Child Learning.

Aims to give elementary teachers sufficient acquaintance with standard tests and scales to enable them to use such instruments for the improvement of classroom instruction. Topics treated: Nature of measurement, historical development; fundamental considerations to be observed in using tests; bases for selection of tests; classification of measuring materials; a testing program; faults of traditional measures; improvements in school examinations; diagnosis and remedial treatment. For all departments. Required of third year students.

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

Ed. 305x. Principles of Education.

The main emphasis in this course is to help the student realize and appreciate the value of a consistent philosophy of education and to give him such guidance as is possible in the development of a personal philosophy of education. The first part of the course is devoted to the meaning and function of education. The remainder of the course is given to an interpretation of some of the major educational problems, such as the place of the school in society, interest as an educational factor, classroom organization and control, and developing thinking. Required of all Third Year students.

Second semester, Saturdays, 9:00-10:40 A.M. Room 221. Two semester hours credit. Dr. Horn.

Ed. 401x. Junior High School Organization (A and B) (Old Curriculum).

The special purpose of the institution and the characteristics of the school designed to achieve these purposes are the main features of the course. Subjects of study: The guidance program; extra curricular activities; provisions for the exploratory function for adolescent children; provision for individual differences by homogeneous grouping; the staff; the junior high school plant; the history of the movement and tendencies toward standardization. Required of Fourth Year students in the Grammar grade curriculum.

(A)—First semester, Saturdays, 9:00-10:40 A.M. Room 116. Two semester hours credit. Mr. Johnson.

(B)—Second semester, Saturdays, 9:00-10:40 A.M. Room 106. Two semester hours credit. Mr. Johnson.

Ed. 405x. Modern Education in Small Elementary Schools.

This course will attempt to meet the needs of those teachers who teach more than one grade. It is specifically designed for teachers in schools of three teachers and less. An analysis of the assets and liabilities inherent in such a situation will be made and a program will be promulgated, showing how the assets can be used and the lacks developed. Some of the special topics

to be considered will be as follows: (1) organization of the school for teaching, learning, and living; (2) practicable applications of the activity program; (3) curriculum organization in the light of progressive education and (4) modern techniques in the teaching of the tool subjects, with special emphasis upon reading.

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

Ed. 406x. Comparative Education (Old Curriculum)

This course compares recent and contemporary educational movements here and abroad. Modern books on Russia, Germany, Italy, France, and England are used. We take up interesting experiments in Education in other countries, as for example, the Danish Folk Schools, the schools in Mexico, and education in Latin America.

In the 1936 yearbook of The National Society for the Study of Education will be found a wealth of suggestions and materials for teachers who wish to build International Understanding among children. The instructor has made several trips to Europe and has had first hand contact with many European educators.

First semester, Fridays, 4:20-6:00 P.M. Room 205. Two semester hours credit. Miss Dana.

Ed. 408x. Unit Teaching and the Activity Program.

This course is designed to meet the needs of teachers in the field who are interested in the 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, procedures and use of community resources and traditions will be discussed. Files containing related materials, such as units previously written, teacher and children bibliographies, etc. will be open to students enrolled in this course.

First semester, Saturdays, 9:00-10:40 A.M. Room 214. Two semester hours credit. Mrs. Ganey and Miss Hirsch.

Ed. 420x. 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. Webster.

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

Ed. 433x. Visual Aids in Education.

This course will deal with:

1. An analysis and interpretation of the meaning of the term of visual education.
2. An 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 his particular field.

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

Ed. 440x. The Elementary School Principalship A. Organizing the school and curriculum.

The general objective of this course is to see how the principal functions as he builds the organization framework through which the planned curriculum is realized. Problems in planning a curriculum for all aspects of child life throughout the whole elementary school experience; studying the community; organizing the school and its resources; such as the halls, the library, the auditorium, the gymnasium, the cafeteria, the playground, etc.; assignment of teachers and pupils; systems of classification and promotion; problems in scheduling office organizations; board relations; financing the school program. This course may either precede or follow the Elementary School Principalship B. Open to principals, supervisors, experienced teachers, and others especially qualified.

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

Ed. 441x. The Elementary School Principalship B. Operation of the Elementary School.

The objective of this course is to develop an understanding of, and the ways of meeting the day to day problems of the school as its curriculum operates. Equipping the school plant; obtaining and using supplies and texts; movement of the children; policies and programs in using the school facilities; policies in classification and promotion; special services for special needs; resolving pupil maladjustments; making and using records; leading the community. This course may either precede or follow the Elementary School Principalship A. Open to supervisors, principals, experienced teachers, and others especially qualified.

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

Ed. 455x. Principals and Problems of Personnel Work and Guidance.

This is a basic course designed for teachers and others interested in the guidance function in the public schools. Consideration will be given to the present day objectives and principles of guidance; the function of the curriculum; the home room; extra-class activities; the class-room teacher; the principal, counselor, dean and other specialists in a guidance program; the techniques of guidance including counseling, record keeping, group conferences, coordination of guidance activities, contacts with parents, community agencies, etc.

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

Ed. 457x. Guidance Through Extra-Curricular Activities.

Of special interest to home-room teachers, club sponsors and sponsors of other out-of-class pupil activities. Deals with the cooperation, administration, and participation in extra curricula; such as clubs, athletics, assemblies, publications, student government, honor societies, musical and literary activities, plays and social events. Emphasizes the guidance opportunities afforded through these activities together with their value in developing personality and leadership ability. An especial effort is made to relate extra-curricular life to the rest of the school program and to the out-of-school hours. A brief consideration of Scouting, Camp Fire, Girl Reserves, 4-H clubs is included.

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

ENGLISH

Eng. 403x. Recent Literature (1865-1915).

The plays of Tom Robertson, Henry Arthur Jones, Arthur Wing Pinero, Oscar Wilde, John Galsworthy, G. B. Shaw, J. M. Barrie, 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, 9:00-10:40 A.M. Room 217. Two semester hours credit. Dr. Thurber.

Eng. 406x. Modern Novel.

The development of the novel, principally in England and America, from the time of Jane Austen to the present. The course aims to develop in the student critical standards, with which he may effectively judge the value of the fiction he may later read. Elective second, third, or fourth year.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 214. Two semester hours credit. Mr. Hodgkin.

Eng. 407x. Development of the Drama.

A survey of the representative plays from Aeschylus to Ibsen, with an investigation of the dramatic theories and practice throughout the various periods of development. The course attempts to establish standards for

appreciation and criticism of the drama as a form of expression in the theatre and in dramatic art. Upper-class elective.

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

Eng. 409x. American Literature.

A survey of the main currents of thought as expressed in American literature, from the colonial period to the present. Emphasis is given to such outstanding authors as Poe, Hawthorne, and Emerson, Lowell and Whitman. Some time is given to contemporary poets and novelists. Elective the third and fourth years.

Second semester, Saturdays, 9:00-10:40 A.M. Room 217. Two semester hours credit. Mr. Hodgkin.

Eng. 417x. Junior High School English and Literature.

A study of the newer practices and materials in the teaching of poetry, drama, biography, and short story on the junior high school level. Composition, grammar, and creative writing will be considered with reference to their importance to the English program.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 214. Two semester hours credit. Mrs. Ganey.

Eng. 418x. Choral Speaking.

The course aims to cultivate an understanding and appreciation of poetry through general lectures and discussions and through actual participation in the various types of choric speaking. Selections from the classics and modern verse will be used. The material chosen can be adapted for both Junior and Adult groups. Choric drama with its possibilities for theatre use will be presented. An opportunity for gaining experience in conducting the verse choir will be offered. The course serves both a cultural and practical purpose to teachers who are interested in this new Speech Art form. Upper class elective.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 119. Two semester hours credit. Miss Goossen.

For. Lang. 421x. General Literature A.

For. Lang. 422x. General Literature B.

For description, turn to Foreign Languages.

FOREIGN LANGUAGE AND LITERATURE

For. Lang. French 101-102x. Beginning French.

For students with no previous preparation in French. Elements of French grammar, pronunciation, oral and written composition, rapid reading of material of graded difficulty. Reading material selected will be adapted

to needs and desires of the class. Purpose of course: to give ability to understand, speak, and read simple French.

(101) First semester, Saturdays, 9:00-10:40 A.M. Room 222. Two semester hours credit. Dr. Messner.

(102) Second semester, Saturdays, 9:00-10:40 A.M. Room 222. Two semester hours credit. Dr. Messner.

For. Lang. 421-422x. General Literature (A and B).

(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, 10:50 A.M.-12:30 P.M. Room 222. Two semester hours credit. Dr. Messner.

(B) Masterpieces of the Renaissance and Modern Times. Readings 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 421x is not a prerequisite.

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

GEOGRAPHY

Geog. 403x. Geography of Asia.

A regional study of the geography of the continent with special emphasis on areas of importance in the world today. Among topics given special attention are: geographic backgrounds for Japanese expansion in the Far East; modern economic developments in Soviet Asia; recent changes in the political geography of Southwestern Asia.

Second semester, Saturdays, 9:00-10:40 A.M. Room 223. Two semester hours credit. Dr. Whittemore.

KINDERGARTEN-PRIMARY

K. P. 407x. 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 special 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 Miss Metz.

K. P. 410x. Language Arts in the Elementary School.

In this course a survey will be made of the areas of child interest which stimulate different types of language expression and reading programs. Recent series of readers for the elementary school will be presented; their breadth of material and variety of program will be considered. Formal and informal testing leading to remedial work, types of English experiences such as dramatics, choral speaking, ability to write with facility, to create and appreciate the best in poetry and prose will be discussed. Open to teachers from kindergarten through sixth grade. Third and Fourth Year elective.

Second semester, Saturdays, 9:00-10:40 A.M. Room 214. Two semester hours credit. Miss Hirsch.

K. P. 415x. Recent Trends in Reading.

This course will deal with research in the field of reading. Studies will be made of the best means of determining when a child should begin reading and what activities provide a desirable reading program. Evaluation will be made of recent materials and ways in which these materials may be used in the prevention of reading disabilities.

First semester, Saturdays, 9:00-10:40 A.M. Room 118. Two semester hours credit. Miss Metz.

MATHEMATICS

Math. 302x. Solid Geometry.

A study of intersecting planes, rectangular and oblique solids, such as the cylinder, pyramid and cone, spheres and spheric surfaces. Students are encouraged to aid their visualization by making models to illustrate proportions. Practical applications are continually kept in mind. Third and Fourth Year elective.

First semester, Saturdays, 9:00-10:40 A.M. Room 106. Two semester hours credit. Mr. Ebert.

Math. 303x. Trigonometry.

Treats of measurements by means of ratios formed by the sides of triangles. Fundamental formulae are developed from these ratios or functions. The application of trigonometry to measurement is illustrated by the use of the transit by the class. Prerequisite: College Algebra.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 116. Two semester hours credit. Mr. Phillippi.

Math. 401x. Junior High School Mathematics.

A review of arithmetic, elementary algebra, Geometry and numerical trigonometry, is accompanied by methods of presenting the above in a manner suited to the pupils of grades seven to nine. Frequent applications of

these topics to practical problems is the primary objective. By opening the gateway thus it purposes to give to the student a broad background of mathematics. Open to Second, Third and Fourth year students.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 106.
Two semester hours credit. Mr. Ebert.

Math. 403x. Calculus.

A study of derivations of algebraic functions and their application to problems involving curves, tangents, and variable speeds. Both differentiation and integration are applied to problems.

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

MUSIC

Music 102x. Essentials of Music.

A study of public school music; its aims and means of adaptation to the mental, physical and emotional capacities of the child with a survey of current procedures. Relationship of the grade teacher and supervisor. Instruction and practice in use of the singing voice. Development of a keen sense of pitch and rhythm. Individual skill in reading music and writing what is heard. Song singing, elementary conducting, ear training, notation and terminology. Repertoire of rote songs. Creative music.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 105. Two semester hours credit. Miss Hurd.

Music 302x. Appreciation of Music.

Familiarity with good music through listening and class performance. Musical units developed through group and individual activity. A study of standard compositions, instrumental and vocal. Music in relation to the civilization that produced it with attention to contemporary developments in other fields of art. Current musical events with emphasis on worth while radio and local concerts. Required of third year general college students.

Second semester, Fridays, 4:20-6:00 P.M. Room 105. Two semester hours credit. Miss Hurd.

PSYCHOLOGY

Psy. 405x. Diagnostic and Remedial Techniques in Reading.

This course aims to present a system of measuring achievement; diagnosing physiological, psychological, and educational causes of difficulties in reading; studying new methods of teaching reading as they apply to bright, average, and dull normal children, to children suffering from acquired reading difficulties and to children deficient in vision, hearing, motor control and speech. Groups as well as individual children will be studied by means of a series of general achievement tests in reading as well as individual diagnostic tests to determine basic causes of difficulties. Programs of needed remedial instruction will also be given consideration.

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

Psy. 406x. Mental Hygiene

This course is definitely designed to help adults, especially teachers, understand their own emotional and mental development, and how to be happier and more productive individuals in all their relationships. Well-adjusted teachers are the greatest factors in developing desirable personalities in children, but the emphasis of this course will be on the individual's adjustments, not on behavior problems of children. Adult personality problems will be considered and adequate case material will be used. Prerequisites: General Psychology or Educational Psychology.

Second semester, Fridays, 4:20-6:00 P.M. Room 218. Two semester hours credit. Dr. Quayle.

Psy. 408x. Psychology of Personality Adjustment.

The purpose of this course is to study the various factors which develop integrated and disintegrated personalities, especially in schoolroom situations. Topics to be considered are the following: Popular notions held concerning what constitutes personality; modern psychological concepts on personality development; emotional stability and problem behavior of the school child; underlying mental, physical, social, sex and other factors affecting adjustment; mental hygiene in its relation to classroom discipline and punishment; the use of incentives and methods of teaching in retarding or facilitating adjustment; the use of various mechanisms used by children and adults in making adjustments; methods used in measuring and diagnosing personality; the importance of personality and mental hygiene in teaching.

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

Psy. 409x. Psychology of Exceptional Children.

This course aims to give the student an understanding of the nature, characteristics, and development of the exceptional child, including the mentally deficient, the psychopathic and the gifted. The main portion of the class work and readings will center around the following topics: individual differences and the exceptional child, defining and studying the mentally deficient, education of the mentally deficient, the psychopathic child and his education, and the gifted child and his education. Some time will be devoted to first hand study of educational work with exceptional children in Buffalo and elsewhere.

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

SCIENCE

Sc. 206x. Botany.

A study of the structure and physiology of the various types of plant life, designed to serve as a background for interpreting the various botanical units in the new science syllabus. While the major work of the course is necessarily on a college level, demonstrations, activities and experiments, suitable for use at the various grade levels, are used as illustrative material.

Given as an elective in the science sequence in the new curriculum but may be credited on the old curriculum.

Second semester, Fridays, 4:20-6:00 P.M. Room V-208. Two semester hours credit. Mr. Fretz.

Sc. 301x. Chemistry.

Such principles of chemistry will be covered as find their frequent application in the teaching of industrial arts. The atomic structure of matter, atomic and molecular weights, symbols, formulas, chemical equations, acids, bases and salts. The manufacture and properties of materials which are used in the various shops are considered. These include such materials as quicklime, cement, soap, pigments and paint, iron, ferrous and non-ferrous alloys.

Second semester, Saturdays, 9:00-10:40 A.M. Room V-208. Two semester hours credit. Mr. Vail.

Sc. 310x. Genetics.

A study of the facts and current theories concerning the laws of inheritance. Reproduction, the mechanisms of inheritance, Mendelism, causes of variations, development of species, heredity versus environment, and eugenics, are some of the topics discussed. The application of these topics to psychology, sociology, and education is kept constantly before the group. Illustrative material is taken from the immediate environment so far as possible. Third and Fourth Year elective.

First semester, Fridays, 4:20-6:00 P.M. Room 218. Two semester hours credit. Mr. Fretz.

Sc. 409x. History of Science.

A concise historical account of the origins of Science, its development and its achievements. The materials of study will consist of extensive sampling from the great contributors to science including their life and discoveries. A fundamental purpose will be to furnish a broad cultural background and appreciation of Science rather than a knowledge of Science facts. Third or Fourth Year elective.

First semester, Saturdays, 9:00-10:40 A.M. Room V-208. Two semester hours credit. Mr. Vail.

Sc. 411x. Junior High School Science.

A survey of various research studies and the resulting curricula is undertaken with especial attention to the New York State curriculum for General Science.

Along with conventional classroom procedures methods for conducting field trips are discussed together with various techniques for handling the materials obtained from such trips.

It is expected a reasonable familiarity with the literature in the field of science will be acquired during the course. Elective for Seniors and Juniors.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room V-208. Two semester hours credit. Dr. Gemmill.

Sc. 412x. Elementary Science for the Grade Teacher.

Special attention is given to the new syllabus in Elementary Science for the Elementary schools. The materials of the State 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. Some knowledge of other outstanding State programs will be given. Third and Fourth Year elective.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room V-208. Two semester hours credit. Dr. Gemmill.