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1938

### College Catalog, 1938-1939, Extension

Buffalo State College

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The individual differences in mental ability of various amount and distribution of differences in mental ability and their significance mental ability measurement of mental ability of sex race and maturity. History of measurement of mental ability to individual differences; typical plans to adjust to individual differences; characteristics of bright average and dull; application of these principles to subjects in which the class members are especially interested.

First semester Saturdays 9:00-10:45 A.M. Room 322. Two semester hours credit. Dr. McGuffey.

**VOCATIONAL INDUSTRIAL COURSES**

Patients for additional courses should be addressed to Mr. Irving O. Davis, Director, Vocational-Industrial Department, State Teachers College, Buffalo, N. Y.

**The Advanced Vocational Courses**

This course will deal with the history of guidance; its relation to general education; the junior and senior high school vocational education; the nature of guidance; duties of the counselor; placement and follow-up; relation of psychological tests to guidance and counseling; current methods etc. The class work will consist of discussions, assignments, and group discussion and readings.

First semester Saturdays 10:30 A.M.-12:30 P.M. Room 322. Two semester hours credit. Mr. Morley.

**Supervision**

Topics as follows will be treated: The true meaning of supervision; the supervisor's place in the industrial organization; improvement of the teaching staff by selection, analysis and conference; selection of subject matter, text and supplies and tests; organization and use of teachers' meeting, lesson plans, and directed observation.

First semester Saturdays 8:00-10:45 A.M. Room 322. Two semester hours credit. Mr. Morley.

**Principles and Problems of Secondary Education**

This course will include the study of a selected number of problems concerning high schools of the Niagara Frontier area. Special emphasis will be given to the problems of industrial and technical high schools. This will include such features as: (1) Study of pupil admissions; (2) Student body and courses of instruction relationships; (3) Types of instruction in school and the correlations between liberal, related and industrial aspects in secondary instruction; (4) Types of jobs occupied by boys who graduate from high schools; (5) Methods for evaluation of work offered in high schools.

This work will be introduced by a High School Analysis and followed by a study of reports brought out by the course.

First semester Saturdays 8:00-10:45 A.M. Room 322. Two semester hours credit. Mr. Gaskin.

# State Teachers College Bulletin

BUFFALO, NEW YORK

VOL. VI. No. 5



## EXTENSION COURSES

AUGUST — 1938

1938-1939

One of Five Publications Issued by State Teachers College at Buffalo, N. Y.: In March, April, May, August, and November

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State Teachers College Bulletin

Vol. VI No. 3



EXTENSION COURSES

AUGUST - 1938

1938-1939

of the Publications issued by State Teachers College at  
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### THE FACULTY, 1938-1939

#### Administrative Staff

Harry W. Rockwell, A.M.; Pd.D. .... President  
 Robert E. Albright, Ph.D. .... Professor of Sociology and Director of Extension  
 Aleen B. Ackerman, B.A. .... Assistant to Director of Extension  
 Marion A. Clark, A.B. .... Financial Secretary  
 Frances G. Hepinstall, B.S. .... Librarian  
 Isabel H. Kideney, A.B. .... Registrar

#### Teaching Staff

Robert E. Albright, Ph.D. .... Professor of Sociology and Director of Extension  
 Charles B. Bradley, B.S. .... Professor of Fine Arts  
 Homer A. Bruce, A.M. .... Instructor in Education  
 Sherman G. Crayton, Ph.D. .... Professor of Education  
 Stanley A. Czurles, M.F.A. .... Instructor in Art  
 Marion P. Dana, A.M. .... Instructor in Education  
 Robert O. DeMond, Ph.D. .... Professor of History  
 Reuben S. Ebert, A.M. .... Instructor in Mathematics  
 Helen G. Englebreck, A.M. .... Instructor in History  
 John Fontana, A.M. .... Instructor in Mechanics  
 Raymond M. Fretz, A.M. .... Assistant Professor of Science  
 Hertha S. Ganey, A.M. .... Junior High School Critic in English and Latin  
 Anna M. Gemmill, Ph.D. .... Assistant Professor of Science  
 Oscar E. Hertzberg, Ph.D. .... Professor of Psychology  
 Carolyn W. Heyman, A.M. .... Instructor in Art  
 Irene Hirsch, A.M. .... Instructor in Kindergarten-Primary Method  
 Harry C. Johnson, A.M. .... Junior High School Critic in Mathematics and Science  
 Ruth McLean, A.M. .... Instructor in Art  
 Henry A. Lappin, Litt.D.

Professor of English Language and Literature, D'Youville College  
 Charles A. Messner, Ph.D. .... Professor of Foreign Language  
 Martha G. Metz, A.M. .... First Grade Critic  
 Irving C. Perkins, M.A. .... Professor of Vocational Education  
 Harold F. Peterson, Ph.D. .... Instructor in History  
 Joseph F. Phillippi, A.M. .... Professor of Mathematics  
 Chester A. Pugsley, D.Ed.

#### Professor of Elementary School Education

and Principal of the School of Practice  
 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  
 Paul W. Sloan, Ph.D. .... Professor of Education  
 Marguerite Stockberger, A.M. .... Instructor in Social Studies  
 M. Melvina Svec, A.M. .... Instructor in Geography  
 John M. Thurber, Ph.D. .... Professor of English  
 Charles A. Vail, A.M. .... Instructor in Science  
 George Webster, A.M. .... Principal School No. 63  
 Kate V. Wofford, Ph.D. .... Professor of Rural Education

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FIRST SEMESTER

FRIDAY AFTERNOON COURSES

4:20-6:00 P.M.

History of Art I.....	Mr. Bradley	Room	208
Unit Teaching and the Activity Program	Miss Hirsch, Miss Metz	Room	118
Zoology .....	Mr. Fretz	Room	218

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SATURDAY COURSES 9:00-10:40 A.M.

Art Appreciation .....	Miss McLean	Room	204
Beginning French I.....	Dr. Messner	Room	223
Chemistry .....	Mr. Vail	Room	V-208
College Algebra A.....	Mr. Phillippi	Room	116
Design in Industrial and Commercial Arts....	Mr. Czurles	Room	211
Foundations of Modern Europe.....	Miss Englebreck	Room	117
Junior High School Organization A.....	Mr. Johnson	Room	106
Principles of Education.....	Dr. Sloan	Room	221
Principles of Guidance.....	Mr. Perkins	Room	120
Supervision of the Elementary School A....	Dr. Pugsley	Room	114-5
Supervision of Student Teaching.....	Miss Stockberger	Room	118
Victorian Novel .....	Dr. Lappin	Room	217
Visual Aids in Education .....	Mr. Fontana	Room	V-206

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SATURDAY COURSES 10:40 A.M.-12:30 P.M.

Caribbean Interests and Policies of the United States since 1898....	Dr. Peterson	Room	118
Creative Art Activities for Elementary Grades	Mrs. Heyman	Room	209
Elementary School Curriculum A.....	Mr. Webster	Room	222
Elementary Science for the Grade Teacher....	Dr. Gemmill	Room	V-208
Fundamental Concepts of Mathematics.....	Mr. Ebert	Room	106
Mental Social and Vocational Adjustments....	Dr. Crayton	Room	218
Modern Elementary School Problems.....	Dr. Wofford	Room	204
Modern Social Trends.....	Dr. Albright	Room	120
Psychology of Personality Adjustment....	Dr. Hertzberg	Room	220
Physical Science A.....	Mr. Vail	Room	V-206
Recent Trends in Elementary School Teaching	Miss Dana	Room	205
Shakespeare I .....	Dr. Thurber	Room	217
Unit Teaching of English and Literature in the Junior High School....	Mrs. Ganey	Room	221

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SECOND SEMESTER

FRIDAY AFTERNOON COURSES

4:20-6:00 P.M.

History of Art II.....	Mr. Bradley	Room	208
Genetics .....	Mr. Fretz	Room	218
Geography of Europe.....	Miss Svec	Room	114-5

SATURDAY COURSES 9:00-10:40 A.M.

Art and the Social Studies.....	Miss McLean	Room	204
*Beginning French II.....	Dr. Messner	Room	223
or			
Contemporary French Civilization.....	Dr. Messner	Room	223
Botany .....	Dr. Gemmill	Room	V-208
College Algebra B.....	Mr. Phillippi	Room	116
Current History A.....	Dr. Rockwell	Room	117
English Literature of the 18th. Century.....	Dr. Lappin	Room	217
Guidance thru Extra-Curricular Activities....	Dean Reed	Room	218
Junior High School Organization B.....	Mr. Johnson	Room	106
Mask and Puppet Making.....	Mr. Czurles	Room	211
Measurement in Child Learning.....	Dr. Sloan	Room	221
Organization and Teaching of the Social Studies	Miss Stockberger	Room	118
Physics .....	Mr. Vail	Room	V-206
Recreational Crafts .....	Mr. Fontana	Craft shop	
Social Psychology .....	Dr. Albright	Room	120
Supervision of the Elementary School B....	Dr. Pugsley	Room	114-5

SATURDAY COURSES 10:50 A.M.-12:30 P.M.

American Civilization and Government....	Dr. DeMond	Room	118
Costume Selection and Interior Decoration	Mrs. Heyman	Room	209
Diagnostic and Remedial Techniques in Reading	Dr. Hertzberg	Room	220
Elementary School Curriculum B.....	Mr. Webster	Room	116
†History of Mathematics.....	Mr. Ebert	Room	106
or			
Trigonometry .....	Mr. Ebert	Room	106
‡Introduction to Sociology.....		Room	120
or			
Principles of Economics.....		Room	120
Juvenile Literature .....	Miss Hirsch	Room	223
Mental Hygiene .....	Dr. Quayle	Room	222
Modern Curriculum Problems.....	Mr. Bruce	Room	214
Mental Social and Vocational Adjustments....	Dr. Crayton	Room	218
Physical Science B .....	Mr. Vail	Room	V-206
Recent Literature .....	Dr. Thurber	Room	217
Recent Trends in Reading.....	Miss Metz	Room	221

\* If a sufficient number register for Beginning French I, it will be offered as a one year course and Contemporary French Civilization will not be offered.

† History of Mathematics or Trigonometry will be offered according to the greater number of registrants.

‡ Introduction to Sociology or Principles of Economics will be offered according to the greater number of registrants.

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CALENDAR, 1938-1939

1938

FIRST SEMESTER

Saturday, September 17, 9:00-9:15 A.M.—General Assembly—Important Notices  
 9:15-11:00 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 23, 4:00-4:20 P.M.—Registration for Friday Classes.  
 4:20 P.M.—Friday Classes meet.

Saturday, September 24, No registration for credit after 12:00 M. for Saturday Classes.

Friday, September 30 No registration for Friday Classes after 4:20 P.M.

Saturday, October 1, No change in schedules after 12:00 M.  
 Friday and Saturday, } Zone Meeting, New York State Teachers Association. (Holiday)  
 October 28 and 29 }

Friday and Saturday } Thanksgiving Recess. (Holiday)  
 November 25 and 26 }

Friday, December 23 thru } Christmas Recess. (Holiday)  
 Saturday, January 7, 1939 }

1939

Friday, January 13, Classes Resume Work.  
 Friday and Saturday }  
 February 3 and 4 } Final Examinations—First Semester ends.

SECOND SEMESTER

Saturday, February 4 8:30 A.M.—12:00 M.—Registration.  
 (All students are expected to register on this date)

Friday, February 10 4:00-4:20 P. M.—Registration for Friday Classes.  
 4:20 P.M.—Friday Classes meet.

Saturday, February 11, 9:00 A.M.—12:30 P.M.—Saturday Classes meet.  
 Friday, February 17, No changes in schedules for Friday Classes after 4:20 P.M.

Saturday, February 18, No registration for credit in Saturday Classes after 12:00 M.  
 No changes in schedule after 12:00 M.

Friday, April 7 thru } Easter Recess. (Holiday)  
 Saturday, April 15, }

Friday, April 21, Classes Resume Work.

Friday and Saturday } Final Examinations—Second Semester ends.  
 June 2 and 3 }

June 10, 11, 12, 13, Commencement Program.

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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 17th., and closes Saturday, February 4th, 1939. The second semester begins Saturday, February 4th, and closes Saturday, June 3rd, 1939. 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.

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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.

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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.

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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. Classes under ten, as an absolute minimum, will not be organized except in exceptional cases of required subjects necessary for immediate graduation.

17. The right is reserved to make any necessary alterations in the course offerings listed in this catalog without notice.

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### 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 X171. Creative Art Activities for Elementary Grades.

The study of the creative impulse and its manifestation in the work of children. While the field of art will be stressed the creative aspects of all subjects will be considered. The course will endeavor to acquaint teachers of the primary and elementary grades with new materials and approaches. The problems will be varied and adapted to meet the individual needs of members of the class. This course should be of special interest to grade teachers developing progressive methods of teaching.

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

##### Art X172. Art and the Social Studies.

This course will include suitable materials and illustrative references for the teaching of art in a social study program in the upper elementary grades and junior high school. A variety of mediums will be handled showing how to encourage child initiative and independence. Wood, clay, paint, paper, crayons, etc. will be used. The class will experiment with art problems in industry, transportation, geography, history relating to social studies.

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

##### Art X202. Mask and Puppet Making.

The use of clay, plaster, paper, cloth and metal in the making of aids and accessories to class-room dramatics, and play presentations from the kindergarten to the professional stage levels.

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

##### Art X227. Costume Selection and Interior Decoration.

A practical course in the planning and furnishing of homes and the selection of clothing. This course is for the personal education of teachers and no studio work will be required.

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

14.

**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.

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

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**Art X401. History of Art 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, Fridays, 4:20-6:00 P.M. Room 208. Two semester hours credit. Mr. Bradley.

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**Art X402. History of Art 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.

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

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**Art X403. Design in Industrial and Commercial Arts.**

A study of good design in the three-dimensional construction and arrangement of objects made of wood, plastics, paper, metal, and cloth; also, a study of two-dimensional and three-dimensional ornamentation. The course is open to all students, but is especially suitable for vocational-industrial, home-economics, and art students.

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

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**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 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.

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**CHILD DEVELOPMENT AND EDUCATIONAL PSYCHOLOGY**

**C. D. X202. Measurement in Child Learning.**

This course is designed primarily to help the classroom teacher plan and prepare for a testing program. Major objectives of the course are: (1) to develop briefly the historical background leading to the present status of measurement in child learning; (2) to develop an understanding of the purposes of measurement in child learning; (3) to develop an understanding of the elementary statistical procedures and symbols essential in school testing; (4) to develop criteria and procedures for selecting, constructing, and using standardized school tests; (5) to develop criteria and procedures for selecting, constructing, and using the various types of informal school tests.

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

**Psy. X405. 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. X406. 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, Saturdays, 10:50 A.M.—12:30 P.M. Room 222. Two semester hours credit. Dr. Quayle.

**Psy. X408. 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

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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.

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### EDUCATION

#### Ed. X204. Modern Curriculum Problems.

This course is designed to assist the teacher to construct a "Socialized Curriculum" for her school. It is based upon the philosophy that every phase of our life should be socialized. The conception of such a course may be derived from a consideration of a score of the most urgent social problems in our present American life. This is a regular course in the "Professional Sequence" of the New Curriculum.

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

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#### Ed. X204. Modern Elementary School Problems.

Same as Modern Curriculum Problems listed above.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 204.  
Two semester hours credit. Dr. Wofford.

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#### Ed. X401. 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 106. Two semester hours credit. Mr. Johnson.

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

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#### Ed. X402. Principles of Education.

An attempt is made to study critically certain conflicting principles about the educative process and if possible to formulate new principles. The course is organized in units of the problem type. Major problems to be considered are: the nature and scope of a course in principles; the nature of the child to be educated; the kind of social order in which we want the child to be educated; the meaning of education; the nature of interest; the logical versus the psychological; and the method of reflective thinking in its educational bearings. The philosophies of men like Plato, Rousseau, James, Dewey, Kilpatrick, and Bode are considered in the light of their contributions to the major problems of this course. Required of fourth year general college students.

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

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#### Ed. X408. 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, Fridays, 4:20-6:00 P.M. Room 118. Two semester hours credit. Miss Hirsch and Miss Metz.

#### Ed. X410. Mental Social and Vocational Adjustments A and B.

This course is offered to teachers and administrators who recognize the fact, and wish to cope with it, that many pupils in whom they are interested are maladjusted, mentally, socially, and vocationally. Stress is placed upon the physical, mental, and social causes of maladjustment, and their effects upon the social and vocational adjustments of those who are so affected. Practical as well as theoretical solutions of personality problems are emphasized. This is a four credit course, two credits of which are offered each semester. Teachers and administrators may enrol for the second semester's work without having had the work offered during the first semester.

(A)—First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 218.  
Two semester hours credit. Dr. Crayton.

(B)—Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 218.  
Two semester hours credit. Dr. Crayton.

#### 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 222.  
Two semester hours credit. Mr. Webster.

(B)—Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 116.  
Two semester hours credit. Mr. Webster.

#### 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.



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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.

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First semester, Saturdays, 9:00-10:40 A.M. Room V-206. Two semester hours credit. Mr. Fontana.

16.

**Ed. X442. Supervision of the Elementary School (A). Leadership of Teachers.**

The objective of this course is to comprehend the work of the principal as a professional leader of teachers. Leadership of teachers; building an educational philosophy for the school; the principal in relation to other administrative and supervisory officers; classroom visitation and the analysis of teaching and learning; the nature of learning; supervisory conferences; teachers' meetings; curriculum building; demonstration teaching; directed observations; the use of specialists; and other instruments for the improvement of teaching and learning.

Open to principals, supervisors, experienced teachers, and to others specially qualified.

First semester, Saturdays, 9:00-10:40 A.M. Room 114-115. Two semester hours credit. Dr. Pugsley.

17.

**Ed. X443. Supervision of the Elementary School (B). Evaluation of the Elementary School.**

The objective of this course is to develop a use acquaintance with the instruments for evaluation and to apply the implications of the data obtained. Programs for testing achievement and scholastic aptitudes; measuring the amount of over-ageness, normal ageness and under-ageness; determining acceleration and retardation; evaluating the effectiveness of the school organization, record systems, educational services and school buildings; the principal's annual report.

18.

Second semester, Saturdays, 9:00-10:40 A.M. Room 114-115. Two semester hours credit. Dr. Pugsley.

19.

**Ed. X453. Principles of Guidance.**

Basic principles and practices of a sound program of guidance for elementary and secondary schools, the contribution to be made by classroom teachers, homeroom teachers, counsellors, and special teachers of guidance. Relationship of a guidance program to the development of ethical character, good citizenship, social efficiency, and purposeful leisure time activity. An evaluation of present concepts and research.

First semester, Saturdays, 9:00-10:40 A.M. Room 120. Two semester hours credit. Mr. Perkins.

**Ed. X457. 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.

**Ed. X470. Recent Trends in Elementary School Teaching.**

A survey of the work of the lower Elementary School in Arithmetic, Reading, Spelling, Writing, and the Social Sciences, as influenced by modern educational theory, by recent experiments, and by special research in subject matter.

This course will be of value to teachers who have not taken a course in Primary Methods within a period of five years, and to those in rural schools who are not familiar with the work in the beginning grades.

The course aims to familiarize one with the most recent books and teaching materials for children from the best publishing houses.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 205. Two semester hours credit. Miss Dana.

**Ed. X472. Supervision of Student Teaching.**

This course considers the problems of supervisors of student teachers. The following topics are treated: Techniques and principles underlying observation and analysis of teaching; guiding the student teachers through conference; guiding the student teacher in planning; making and using records (children and student teacher); evaluation of student teaching; organization and administration of the student teaching program.

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

**ENGLISH AND LITERATURE**

**Eng. X310. Juvenile Literature.**

The material for this course will include an appreciation of literature suited to children from kindergarten through the sixth grade; a study of sources of literature for children; an evaluation of creative work by children and selection of materials which will help integrate activities in literature with other phases of the curriculum. May be taken as a substitute for either Children's Literature or Juvenile Literature from the old curriculum. Should be elected by students in the general elementary curriculum and by special kindergarten-primary students, in the new curriculum. May be taken for

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elective credit by any student who has not taken either of these courses since 1930.

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

**Eng. X402. The Victorian Novel.**

A study of the Victorian genius in fiction as illustrated by Dickens, Thackeray and Trollope. Women-novelists of the period: George Eliot, the Brontes, and Mrs. Saskell, Meredith, the first 'modern' novelist.

15.

First semester, Saturdays, 9:00-10:40 A.M. Room 217. Two semester hours credit. Dr. Lappin.

**Eng. X403. 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.

16.

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

**Eng. X415. Shakespeare I.**

The careful reading and analysis of a group of the principal comedies, histories, and tragedies of Shakespeare with the purpose of revealing the characters, the thought, and artistry of the plays. Such a study is intended to provide a distinct contribution to the teacher in developing skill in dramatization and familiarity with plot materials and plot development. Upper-class elective.

17.

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

**Eng. X417. Unit Teaching of English and Literature in the Junior High School (Old Curriculum).**

Current changes in English teaching create new problems for the teacher. New materials are demanded, new types of organization and new procedure. This course will offer an opportunity to study the newer practices and materials in the teaching of poetry, drama, biography, and short story on the junior high school level. Units of work will be set up, pupil and teacher bibliographies prepared, sources for correlated and illustrative materials examined, and individual projects worked out to meet the specific needs of the members of the class.

18.

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

19.

**Eng. X420. English Literature of the 18th. Century (1750-1800).**

The greatness of Dr. Johnson; Edward Gibbon, greatest of historians; and James Boswell, greatest of biographers; Cowper, in his letters and

poems; Horace Walpole and the spirit of the age; Smart and Crabbe; Blake and Burns; and Edmund Burke, the English Aristotle.

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

**FOREIGN LANGUAGE**

**\*For. Lang. X101. Beginning French I.**

For students with no previous preparation in French. Fundamentals of French grammar, practice in correct pronunciation, recognition of forms, easy reading.

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

**For. Lang. X102. Beginning French II.**

Continuation of Beginning French I. More advanced reading, practice in writing and speaking French. The reading material will be graded in difficulty and varied in nature to suit the needs and desires of the class.

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

or

**\*For. Lang. X403. Contemporary French Civilization.**

A survey of the life and culture of France by means of informal lectures, text book and reference reading, pictures, slides, and other illustrative materials. While the basic text will be in English, the reference reading may be done in English or French. Among the topics to be treated will be the geography of France as a basis for her industrial life; chief periods of her cultural history; political organization and government; education; the press; the theater; art and architecture; commerce and industry; social life and amusements; local and regional customs and traditions; and recent social and economic changes. Recommended for students of French and teachers of the social studies.

\*If a sufficient number register for Beginning French I, it will be given as a one year course and Contemporary French Civilization will not be offered.

**GEOGRAPHY**

**Geog. X301. Geography of Europe.**

Based upon a combination of physiographic regions and related human use regions. The conflict between these and the man-made political divisions directs attention to the geographic backgrounds of current problems. The study is directed to gain some knowledge and appreciation of the variety of natural and cultural landscape patterns that have evolved in this continent of complex national groups striving to maintain themselves. Elective for third and fourth year students. Prerequisite: General Geography 101.

Second semester, Fridays, 4:20-6:00 P.M. Room 114. Two semester hours credit. Miss Svec.

## HISTORY AND SOCIAL STUDIES

### Hist. X301. American Civilization and Government.

To enable the student to better understand the governmental, economic, and sociological institutions of his society is the real objective of this course. The following are some of the topics to be surveyed: the establishment of the American republic; the functioning of its government; the triumph of Hamiltonianism; and the operation of the American economic order.

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

### Hist. X404. Foundations 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. X411. 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; discussions of current events in the field of national affairs, foreign affairs, music, art, literature, education, religion, etc.; extended study of such significant topics as the New Deal, economic programs, European dictatorships, the War in Spain, China, 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.

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

### Hist. X412. Caribbean Interests and Policies of the United States Since 1898.

A survey of the diplomatic and commercial relations of the United States with the Caribbean states—Cuba, Haiti, the Dominican Republic, Mexico, the Central American States, Panama, Colombia, and Venezuela since the Spanish-American War. Such events as the Platt Amendment, the Panama Canal, the recent revolution in Cuba, and such policies as the Monroe Doctrine, "Dollar Diplomacy," Pan Americanism, commercial and financial penetration, intervention, and the "Good Neighbor" policy are accented. Third and fourth year elective.

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

### S. S. X203. Introduction to Sociology.

By an analysis of community life the students are introduced to the sociological factors of special concern to the educator. This includes discussion of significant aspects of social institutions and social processes as analyzed and described by modern scientific sociology. Each student is required to make a survey of a selected community and interpret his findings in terms of their significance to education.

Elective for second year general college students.

Second Semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 120.  
Two semester hours credit.

or

### Ec. X204. 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 divisions of the science is followed: production, exchange, distribution, consumption. Attention is given to labor and reform movements. Elective of all Juniors in the General College.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 120.  
Two semester hours credit.

\*Introduction to Sociology or Principles of Economics will be given according to the greater number of registrations.

### S. S. X401. 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 120. Two semester hours credit. Dr. Albright.

### S. S. X404. Social Psychology.

After a review of principles of psychology essential to the study of social groups, special emphasis will be placed upon: the individual in the group, personality, crowd psychology, the audience, fad and fashion, censorship, public opinion, and propaganda. The psychological aspect of current group activities, social and political, will be studied and an attempt will be made to interpret them in the light of fundamental principles of social psychology.

Second semester, Saturdays, 9:00-10:40 A.M. Room 120. Two semester hours credit. Dr. Albright.

14.

**S. S. X409. Organization and Teaching of the Social Studies.**

Consideration will be given to the teaching of the social studies in all grades of the elementary school and the Junior High School. The following units will be developed: current curriculum trends in the social studies; training in the selection, evaluation, organization, and use of available materials; activities valuable for social studies teaching and other teaching techniques. A large unit of instruction will be worked out in detail illustrating organization of materials, teaching techniques and activities of children.

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

15.

**KINDERGARTEN—PRIMARY**

**Eng. X310. Juvenile Literature.**

For course description see English courses. Students needing the Children's Literature on the old curriculum may take the course entitled Juvenile Literature described under English X310.

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

16.

**K. P. X415. 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.

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

17.

**MATHEMATICS**

**Math. X201-202. 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. Prerequisite: intermediate algebra.

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

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

18.

**Math. X301. Fundamental Concepts of Mathematics.**

An analysis of the nature of mathematics and mathematical thinking. A study of the relationship of the branches of elementary mathematics, including arithmetic, plane and special Euclidean geometry, Non-Euclidean geometries, analytical geometry, and the calculus. Prerequisites: College

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algebra, trigonometry, analytical geometry. Open only to experienced teachers.

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

**\*Math. X303. 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.

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

or

**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.

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

\*Trigonometry or History of Mathematics will be given according to the greater number of demands.

**SCIENCE**

**Sc. X201. Physical Science A.**

A survey of the physical sciences presenting a study of the planets, the sun, the stars and other astronomical bodies; the theories as to the origin of the earth and planets; the essential laws and instruments of astronomy. Fundamental laws, theories and phenomena of inorganic chemistry are presented to develop an appreciation as to the chemical nature of matter.

(This is the first half of the required sophomore physical Science course, but may be elected by other students who have not had its equivalent. The course will aid the teacher with the new Grade Science syllabus. Either half or both may be elected).

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

**Sc. X202. Physical Science B.**

A survey of the physical sciences presenting a study of magnetism, electricity, its production, transportation, distribution and appliances for its use; the nature of heat, its transference and devices in connection with the use of heat. The important factors responsible for past and present development of the earth's surface erosion and aggradation, including general types of rocks and some geological materials.

(This is the second half of the required sophomore physical science course but may be elected by other students who have not had its equivalent. The

14.

course will aid the teacher with the new Grade Science syllabus. Either half or both may be elected.)

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room V-206. Two semester hours credit. Mr. Vail.

Sc. X205. Zoology.

A study of the structure and physiology of a series of animal types, leading to the formulation of concepts, principles and generalizations concerning animal life. Subject matter is selected because of its contribution to the background of teachers who work in the elementary or junior high school fields.

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

Sc. X206. 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 sequences in the new curriculum but may be credited on the old curriculum

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

Sc. X301. Physics.

The course is designed to advance beyond the lower level course of Physical Science, using those laws and principles which will be interpretive and functional for a more adequate understanding and appreciation of the appliances and mechanisms of man's daily life. Discussions, demonstrations, lectures and laboratory experiments. Elective for Juniors and Seniors. Prerequisite: Physical Science 201 and 202, or the equivalent.

Second semester, Saturdays, 9:00-10:40 A.M. Room V-206. Two semester hours credit. Mr. Vail.

Sc. X302. Chemistry.

The course is designed to advance beyond the lower level course of Physical Science, using the subject matter of chemistry to give a greater cultural and social value, developing further an appreciation for the unity and coherence of science as it applies to man's everyday life experience. Lectures, discussions, demonstrations and laboratory experiments. Elective for Juniors and Seniors. Prerequisite: Physical Science 201-202, or the equivalent.

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

Sc. X310. Genetics.

A study of the facts and current theories concerning inheritance. The acquisition of a thorough knowledge of the mechanics of inheritance is fol-

lowed by their application to problems in psychology, sociology and education. Individual studies of inheritance are an important part of the course.

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

Sc. X412. 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.

THE COLLEGE "CO-OP"

The College Co-operative Bookstore is college owned and is located in the Administration building adjoining the Student Center in the basement. Books, textbooks, fiction and non-fiction, are on sale, as well as supplies such as stationery, fountain pens, art supplies, typewriters, magazines, college jewelry, banners, and candy.

Books and almost all supplies are sold at a discount, the plan being to share the discount with the students. Special orders are taken for any items not in stock and are usually available within 24 hours. Such articles as paper cutter, paper punch, stapler, darning cotton, scissors, ink-well, and pencil sharpeners, are on hand for students' use. The Lost and Found Department is also housed here for the convenience of the students.

The "Co-Op" is open daily from 8:45 A.M. to 4:30 P.M. and on Saturdays from 8:45 A.M. to 12:30 P.M.