

General
Extension
Division

Bulletin



1952

Portland Summer Session

June 23 to August 15 • Portland, Oregon
Oregon State System of Higher Education

General Extension Division
BULLETIN

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**General Extension
Division**

BULLETIN

Portland Summer Session

**Eight-Week Session
June 23 - August 15**

Summer Session, 1952

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1952

**Portland Summer Session
Calendar**

June 16-20, *Monday to Friday*, Preregistration at Washington High School.

June 16-20, *Monday to Friday*, Dance Workshop at The Hayloft.

June 23-25, *Monday to Wednesday*, Registration at Washington High School.

June 25, *Wednesday*. Last day to register without payment of late fees.

June 30, *Monday*. Last day to withdraw from a course or to change from credit to audit.

July 4, *Friday*, Independence Day, holiday.

July 9, *Wednesday*. Qualifying examination for Graduate School, Oregon State College.

August 1-2, *Friday and Saturday*. Graduate Record Examination, University of Oregon.

August 14-15, *Thursday and Friday*. Final examinations.

August 15, *Friday*. Portland Summer Session ends.

August 18-22, *Monday to Friday*. Driver-Education and Training, Washington High School.

August 18-22, *Monday to Friday*, Seminar: Parent-Teacher Organization, Washington High School.

General Information

The thirty-fifth Portland Summer Session will consist of day classes for eight weeks, from June 23 to August 15. The offerings will include courses from the University of Oregon, Oregon State College, and the Oregon Colleges of Education.

In Oregon all the state institutions of higher education are operated as correlated units of the State System of Higher Education. As part of this organization the Portland Summer Session draws on the resources, the curricula, and the faculties of all the institutions. Credit earned in Portland may be counted as resident credit at the University, the State College, or the Colleges of Education. For the work available at these institutions and the specific requirements for degrees students should consult the institutional catalogs.

A student may earn 12 hours of undergraduate or graduate credit in the eight-week session. Undergraduates may complete in certain fields nearly the equivalent of a full term. Graduate students who are unable to attend the summer sessions of the University at Eugene, the State College at Corvallis, or one of the Colleges of Education, may build satisfactory programs in a number of fields at the Portland Summer Session.

LOCATION. The Portland office of the Oregon State System of Higher Education is located at 207 Education Center Building, 220 S.W. Alder Street. The phone number is ATwater 2165. All preliminary administrative details of the Portland Summer Session are handled from this office, where hours are from 9:00 a.m. to 4:00 p.m., except on Saturday, when the office closes at 11:30 a.m. Beginning June 16 the office of the Portland Summer Session will be in Room 104, Washington High School Building, located at 531 S.E. 14th Avenue, and all administrative details will be handled from that location. The phone number after June 16 will be Filmore 5245.

Most of the summer classes will be held on the Washington High School campus. A few courses will be held elsewhere and are so listed in the course descriptions.

REGISTRATION. Facilities for registering will be available in Washington High School after June 16, and students who wish may register during the week of June 16-20. Those who do not find this convenient may register Monday, Tuesday, or Wednesday, June 23, 24, and 25. All students registering after Wednesday, June 25, must pay a late registration fee.

ADVISERS. The administrative staff and members of the faculty will serve as advisers and will be available throughout the registration periods for conferences in regard to selection of suitable courses, requirements, credits, and the relation of the summer program to the general academic program of the student. Graduate students must obtain the counsel and signature of an adviser and instructors before they may complete registration.

ADMISSION AND DECREES. The only requirement for admission to the summer session is ability to do the work. However, students who wish to become candidates for a degree from the University, State College, or for a certificate

or degree from one of the Colleges of Education must satisfy regular entrance requirements of the State System of Higher Education and file a complete transcript, covering all work taken above the eight grade, with the registrar of the institution where continued study is planned. Students who do not plan to work toward a degree need not submit transcripts of high-school or college work.

Further information concerning admission, advanced standing, transfer of credits, and graduation requirements may be obtained from the registrars of the individual institutions within the State System of Higher Education.

ACADEMIC CREDIT. Students may earn twelve term hours of credit in the eight week summer session. Undergraduates may petition for permission to carry thirteen hours, if necessary to work out individual schedules. No exception to the twelve hour rule is permitted for graduate students.

GRADUATE CREDIT. In the Portland Summer Session and the Portland State Extension Center, a graduate student may complete all work required for the Master of Education degree except twelve hours, which must be completed in residence either at the University or State College campus. For the Master of Science in Education from one of the Colleges of Education, all work except twelve term hours may be done through the Portland State Extension Center and other Departments of the General Extension Division. Under favorable circumstances all of the work for the Master of Arts in General Studies from Oregon State College may be completed in Portland. Fifteen term hours of work toward the Master of Arts (departmental), Master of Science, or Master of Science in General Studies degree, (from the University of Oregon), may be completed in Portland.

The Master of Education (M.Ed.) is regarded as a professional teaching degree and not primarily as a research degree. No thesis or field study is required, however a thesis or field study is expected of majors in school administration. A well integrated program is planned for each individual student to improve his educational service as a teacher, supervisor, or administrator. Each program embraces: (1) a common core of required courses; (2) an area of concentration which provides a complex of courses organized to meet the special interests and needs of the student. Both the qualifying and final examinations are written. Graduate work for the degree of Master of Education may be carried on with specialization in either the elementary or secondary fields. For the Master of Science in Education from a College of Education, a core of eighteen professional hours and nine hours of general courses, or a total of twenty-seven hours, is required. This pattern of prescribed courses assumes that teaching as a developing profession requires a properly organized series of carefully planned courses, plus some opportunity for elective work.

Details of the requirements for a master's degree are available at the Portland office, 207 Education Center Building. Graduate summer students who wish to apply their Oregon credits toward advanced degrees at one of the institutions within the State System of Higher Education should send undergraduate transcripts in advance to the registrar of the institution from which they expect to receive a degree.

GRADING SYSTEM. The grading system consists of four passing grades: A, B, C, D; failure, F; incomplete, Inc.; withdrawn, W. A, denotes exceptional accomplishment; B, superior; C average; D inferior. Students may withdraw from a course by filing the proper card within the stipulated time at the Summer Session office. A student who discontinues attendance in a course without official withdrawal receives a grade of F.

COURSE-NUMBERING SYSTEM. The courses in this catalog are numbered in accordance with the course numbering system of the State System of Higher Education. Lower-division (freshman and sophomore) courses are numbered below 300. Upper-division (junior and senior) courses are numbered from 300 to 499. Courses numbered 400-499, if approved for graduate major credit, are designated (G) following the title. Courses approved for graduate minor credit are designated (g). Graduate courses are numbered 500-599. For the convenience of the students using this catalog the letters U, S, C, and G appear at the left margin before course descriptions. The letter U refers to the University of Oregon, S to Oregon State College, C to the Colleges of Education, and G to the General Extension Division. These indicate that the course described appears in the catalog of the institution indicated and is a regular offering of that institution.

TEACHER CERTIFICATION PROGRAM. Today's shortage of elementary teachers has created a demand for teacher certification courses. The undergraduate courses required for teacher certification, together with graduate courses which will aid teachers both to key their classwork to the national emergency or/and to work for advanced degrees, will be offered in the Portland Summer Session. Teachers who wish to qualify for either emergency or regular certification will find the required courses available. Holders of provisional secondary certificates will find courses offered which will meet their certification requirements.

VETERANS. Veterans entitled to educational benefits under the G. I. Bill of Rights, except those under the Voluntary Recruitment Act of 1945, must have commenced and actually be pursuing a course of education or training on or before July 25, 1951; or four years after the date of discharge, whichever is the later; and must pursue the course continuously until completion except for normal interruptions such as summer vacations or for reasons beyond control of the veteran.

Continuous pursuit is given special interpretation for veterans who are teaching during regular school years and who must complete requirements in summer study. Thus, to qualify in 1952 for a continuing program in summer sessions under government benefits, a teaching veteran must have been in attendance on or before July 25, 1951, and in addition must have been teaching during the 1951-52 academic year. The following quotation from the Veterans Administration should be carefully studied, as it outlines the procedure that will be followed this summer. Veterans should notice that in most cases a statement from their employer is necessary to establish eligibility:

"Veteran-teachers who have been enrolled in the previous summer session in your school, and in the same course, may be certified to the Veterans Administration for

training on VA Form 7-1909 (Certificate of Re-entrance into Training) provided the veteran furnishes for attachment to the Form 7-1909, a statement signed by the appropriate official of a school board or system, certifying that the veteran was employed as a teacher the preceding ordinary school year and also stating the beginning and ending dates of the school year.

"The ordinary school year is considered to be from September or October to May or June, and the summer school enrollment must be for a term of at least five weeks duration and the veteran must be actually enrolled and attend a minimum of five weeks in order to retain eligibility for subsequent summer enrollment. All previous requirements for consecutive summer enrollments remain in force with the exception that veterans need not be enrolled in a full time course.

"Veteran-teachers presenting a 7-1953, Certificate of Eligibility and Entitlement, authorizing enrollment for the summer term, will not be required to furnish the statement mentioned above."

Enrollment in succeeding summer sessions will be considered as continuous pursuit provided the veteran is regularly employed as a teacher during all intervening school years.

Special Programs in Education

CLINICAL SCHOOL. For the past twenty-six summers, a demonstration school has been a special feature at the Portland Summer Session. This summer, in cooperation with the Oregon State Department of Education and the Portland Public Schools, a clinical school will be held in the Hawthorne Building, located on the Washington High School campus, where the regular Portland Summer Session classes are scheduled. Opportunity will be offered for observation of special methods in remedial reading, speech correction, and child guidance.

CURRICULUM WORKSHOP. This summer a general curriculum workshop, under the direction of Dr. Bernice Baxter, assisted by a full staff of consultants and teachers, will be a feature of the Portland Summer Session. Teachers attending the Summer Session may enroll for three or six hours credit in either four-week period, and may plan their curriculum studies in either the primary, intermediate, or secondary areas to earn up to 12 quarter hours credit during the summer session. Full library and clinical facilities will be available to those working in the curriculum workshop. This program will provide opportunities for experienced teachers to work on curriculum problems at the grade level of their interest.

PHYSICAL-EDUCATION WORKSHOP. An eight-week workshop in physical education will be offered. This workshop is planned with the objectives, standards, and purposes of the Oregon physical-education program in view. It is designed primarily for classroom teachers, school administrators, and recreational personnel. Elementary teachers may substitute this workshop for the colleges of education physical-education requirement (Ed 344, 345, 346). It will carry 3 to 9 hours of credit.

SPECIAL COURSE IN DRIVER EDUCATION FOR TEACHERS. A one-week course for high-school teachers in driver education and highway safety will be given

at Washington High School, August 18-22. Professor Amos E. Neyhart, administrative head, Institute of Public Safety, Pennsylvania State College, and road consultant, American Automobile Association, will be in charge. The Traffic Safety Division of the office of the Secretary of State, and the Oregon State Motor Association are cooperating in offering this course. Three hours of credit may be earned.

GEOGRAPHY WORKSHOP. A concentrated four-week geography workshop, June 23-July 18, will feature the methods and materials that may be used by the classroom teacher. Teachers taking this work will be encouraged to develop outlines, materials, and teaching methods that will apply to the grade levels they teach. Field trips will be planned as part of the regular work.

FAMILY LIFE EDUCATION. A feature of the 1952 Portland Summer Session will be the program in Family Life Education arranged with the cooperation of the E. C. Brown Trust. This workshop will extend four weeks, from July 21 to August 15, and will be of special help to those interested in the problems of the modern family and who are concerned with the counseling of young persons whose difficulties may be traced to the home.

SPECIAL EDUCATION. In cooperation with the Oregon State Department of Education and the Portland Public Schools, the Portland Summer Session has scheduled courses designed for all teachers who have handicapped pupils in their classrooms, as well as for those who desire to specialize in this field. All of the courses required for special certification of teachers of handicapped children are offered from time to time in the Portland Summer Session. Included will be courses dealing with the education of handicapped children, with crippled and low-vitality children, with visually handicapped children, with child-psychiatry and child-guidance clinics, with remedial reading and corrective speech, with clinical psychology, and with the use of social agencies by teachers.

YOUTH PROBLEMS will be studied in a special two-week seminar which will be of interest to educators and others working in youth programs. Led by Donald B. Cramer, Chief of the Division of Training and Treatment of the California Youth Authority, the seminar will study, during the week of July 7 to 18, the individual factors that influence modern youth. Character traits; emotion, physical and mental characteristics; and the effects of home environment, community association, and companions on young people will be considered.

PARENT-TEACHER ASSOCIATION WORKSHOP. In cooperation with the Oregon Congress of Parents and Teachers the Portland Summer Session will offer, during the week of August 18-22, a workshop dealing with the projects, problems, and techniques of the Parent-Teacher movement. The role of the P.T.A. in fostering closer and more effective school and home relationships will be studied.

ADMINISTRATORS CREDENTIALS. The graduate program in Education has been planned to include those courses required for both elementary and secondary principals and superintendents credentials. Some administrative

courses are being scheduled in four-week periods in order that school administrators who find it difficult to leave their positions for a longer time may secure needed academic credit by attending either the first four weeks, June 23 to July 18, or the second four weeks, July 21 to August 15.

Other General Extension Facilities

The General Extension Division offers evening classes during the fall, winter, and spring terms through the Portland State Extension Center. Classes are taught by instructors from the University of Oregon, Oregon State College, and the Colleges of Education as well as by the regular members of the Portland State Extension Center faculty, and by specialists in business and the professions.

The Portland State Extension Center building is located at 1620 S.W. Park Avenue. The fall term will open September 15, 1952. Upper-division and graduate work is offered in the extensive evening program, and lower-division offerings which correspond to the first two years of work at the University of Oregon, Oregon State College, and the Colleges of Education are offered in the day program. This day program is a continuation of the previous Vanport Extension Center program. Information concerning any of these day or evening classes may be obtained from the offices of the Portland Summer Session, or after August 15 from the Park Avenue address given above.

DEPARTMENT OF STATE-WIDE SERVICES. These services consist of State-Wide classes and Correspondence Study courses. Any community in Oregon may become an extension-class center if a satisfactory meeting place is provided and sufficient enrollment is guaranteed to cover actual operating cost. Students may frequently find a schedule of correspondence courses through which to continue their program of study when not in residence.

VISUAL INSTRUCTION. The Department of Visual Instruction of the General Extension Division provides glass and film slides, microscopic slides, and motion picture films suitable for educational use by schools, community clubs and other organizations. A special catalog is published listing the materials available. This department is maintained jointly by the General Extension Division and the Federal Cooperative Extension Service.

RADIO STATION KOAC is Oregon's public-owned station of which the State Board of Higher Education is the managing agency. The station is located at Corvallis, on the campus of Oregon State College, the licensee and operator of the physical plant. The General Extension Division of the State System of Higher Education directs the program service. Program talent is drawn from Oregon State College, the University of Oregon, the Oregon Colleges of Education, and from various departments of the state government. In addition, many other public agencies, organizations, and individuals contribute frequently to broadcasts from the station. The station, established in 1925, is operated in the interest of the Oregon public. The programs are free from commercialism. KOAC operates with 5,000 watts power in the daytime and 1,000 watts power in the evening, on a frequency of 550 kilocycles by authority of the Federal Communications Commission. Announcements of

radio programs are issued periodically and will be furnished on request. Studios are located at Corvallis, Eugene, Monmouth, and Salem.

Fees and Fee Refunds

The registration fees are as follows:

FULL-TIME STUDENTS—6 credit hours or more	\$55.00
PART-TIME STUDENTS AND AUDITORS—(For 5 credit hours or less)—	
per credit hour	7.00
SHORT COURSES AND WORKSHOPS—Same as part-time students, except that	
charge for four weeks workshop, full-time, for 6 credits is	42.00
Examination fee for graduate students not enrolled	10.00
Graduate qualifying examination fee	\$1.00 to 15.00

The State Board of Higher Education reserves the right to change the schedule of fees without notice.

Fee Refund Schedule

Students who withdraw from the summer session and who have complied with the regulations governing withdrawals are entitled to certain refunds of fees paid (including laboratory, course, and special fees), depending on the time of withdrawal. The refund schedule is as follows:

Withdrawal before close of business June 25	Refund of all fees over \$ 5.00
Withdrawal between June 26 and July 3	Refund of all fees over 13.75
Withdrawal between July 7 and July 18	Refund of all fees over 27.50
Withdrawal after July 18	no refund

Refunds in all cases are calculated from the date of application for the refund and not from the date the student ceased attending classes. Claims for refunds must be made in writing.

Facilities and Special Events

LIBRARIES. The collections of the Portland Public Library, more than 760,750 volumes, and the General Extension Division Library will be available to the students of the Portland Summer Session. These collections will be supplemented through loans from the Oregon State Library and other sources. For the convenience of students all reference materials will be placed in the Portland Summer Session Library, located in the basement of the Hawthorne building, on the Washington High School campus. This library will be open daily from 7:30 a.m. until 4:30 p.m., and on Tuesday and Thursday evenings from 7:00 until 10:00.

TEXTBOOKS AND SUPPLIES. Needed and required texts and supplies will be announced by instructors at the first meetings of their classes. The Portland State Extension Center cooperative bookstore will have temporary quarters in Washington High School basement and will be able to supply all texts and necessary class supplies.

LUNCHROOM. The cafeteria located in the basement of the Washington High School building will be open for breakfast and luncheon Monday through Friday. Breakfast will be served beginning at 7:30 a.m. daily.

PUBLICATION. The *Summer Signal*, a weekly newspaper devoted exclusively to summer-school news, is published by the Portland Summer Session for distribution to students and faculty.

ASSEMBLIES. Every Wednesday from 10:15 to 11:00 a.m. there will be an assembly in the auditorium of the Washington High School. Programs will consist of musical entertainment, plays, readings, and addresses. The Wednesday morning class periods will be adjusted as follows:

8 o'clock classes.....	8:00 to 8:40
9 o'clock classes.....	8:45 to 9:25
10 o'clock classes.....	9:30 to 10:10
11 o'clock classes.....	11:15 to 11:55

RECREATION. Summer Session students can enjoy the almost endless variety of Portland's metropolitan recreational facilities such as conveniently located parks and playgrounds, swimming pools, golf courses and tennis courts, theatres and musical events, the Portland Art Museum, and excellent library services. In addition, Portland offers very easy access to the beautiful beaches of the famed Oregon Coast, and to the alpine resorts in the surrounding mountain ranges. A summer session recreational program, including organized trips and other activities, will be directed by the staff.

1952

Portland Summer Session

Description of Courses

Anthropology

Visiting Faculty: Vocer

(U) Anth 207. Introduction to Cultural Anthropology. 3 hours.

A comparative study of culture from the standpoint of the varying emphases placed upon different aspects of the total culture. Cultural patterning in terms of the elaboration of major and minor interests. Brief sketches of selected native cultures illustrating the diversity of value systems. TuWThF, 8:00 a.m., Room 114.

(U) Anth 451. Cultural Dynamics. (G) 3 hours.

An examination of the determinants and processes of culture change. The course will include special studies of the influence of culture patterns and interests as selective factors in culture change. MTuWF, 11:00 a.m., Room 101.

(U) Anth 507. Seminar: Cultural Integration. 3 hours.

An examination of the logical and functional integration of culture: determination of the primary institutionalized pattern and basic values of the culture: structuring of patterns of socialization and social control, kinship extension and reciprocity, social and political dominance, and of religion. The course will include an analysis of cultures selected from Africa, Oceania, and the Americas. MTuWTh, 12:00 m., Room 114.

Art

Visiting Faculty: McGrew, Morris, Rizzo

(C) A 211. Art Structure I. 3 hours.

The elements of design, color, and representation as they are related to the needs of the student. Creative work is stressed, the student receiving actual experience in different media. MTuThF, 10:00 a.m., Room 322.

(C) A 217. Lettering. 1 hour.

Lettering, including a study of historic styles such as Roman, Gothic, Old English, as well as the modern decorative, manuscript, and poster types. McGrew. Th, 9:00 a.m., Room 317.

(C) A 218. Crafts. 2 hours.

Application of original designs to glass etching, metal etching, foil metal tapping, plaster carving, leather, stencil, plastics, and wood. McGrew. MWF, 9:00 a.m., Room 317.

(G) A 221. Color Expression. 3 hours.

Designed to develop a sensitivity to, and an understanding of, color as it functions in life and art education. Physical, psychological, and aesthetic aspects of color are discussed. The work is adjusted to the needs of the students. TuWThF, 1:00 p.m., Room 322.

- (U) AA 255. **Lower-Division Ceramics.** 3 hours.
Survey of ceramic materials and processes; preparation of clays and glazes; study of contemporary form, color, and texture; firing techniques as related to materials; stacking and drawing the kiln; observation of firing. June 23-July 31. Riegger. MTuWTh, 1:00-4:00 p.m. Art Museum.
- (U) AA 290. **Lower-Division Painting.** 3 hours.
Instruction in the use of oil color, water color, and other media. June 23-July 31, Morris. MTuWTh, 9:00 a.m.-12:00 m. Art Museum.
- (C) A 311. **Art Structure III.** 3 hours.
Evaluation of the various approaches to the creative-art experiences made possible in the flexible course of study. Lectures, reading, and discussions deal with recent trends of art expression relative to the individual needs at various levels from primary through the junior high schools. Prerequisite: A 211, 212, or consent of instructor. MTuWTh, 12:00 m., Room 322.
- (C) Ed 408a. **Methods and Materials: Art Education.** (G) 3 hours.
Of special interest to those who have completed A 211 and A 218. See description under Education. McGrew.

Business Administration

Instructors: BACKLUND, HINDS
Visiting Faculty: JOHNSON, SROUT

- (U) BA 111, 112, 113. **Constructive Accounting.** 3 hours each.
Technique of account construction; preparation of financial statements. Application of accounting principles to practical business problems. Required of majors; prerequisite to advanced work in business. Hinds. TuWThF, 8:00, 9:00, 10:00 a.m., Room 11.
BA 111. June 24-July 10, inclusive.
BA 112. July 11-July 29, inclusive.
BA 113. July 30-August 11, inclusive.
- (U) BA 221. **Elements of Organization and Production.** 3 hours.
Principles of management as applied to commercial and industrial concerns. Johnson. MTuWTh, 12:00 m. Room 3.
- (U) BA 222. **Elements of Finance.** 3 hours.
The financial problems of corporations. Organization of corporations; how they obtain long-term funds; management of working capital; distribution of securities. Required of all majors. Prerequisite: BA 111, 112, 113, or consent of instructor. Johnson. TuWThF, 1:00 p.m., Room 3.
- (U) BA 407. **Seminar in Business Problems: Credit Unions.** (G) 3 hours.
An introductory course in credit union management and operation technique. Includes history of credit union development. The position of credit unions in current economic development. Basic differences between federal and state charters. Examination of typical by-laws. Organization procedures under federal and state charters. Duties and responsibilities of officers. Bookkeeping procedure. Preparation of monthly and annual reports. Figuring interest in a credit union. A non-technical course with seminar for officers and directors of existing credit unions who desire to discuss advanced projects in connection with their present operations. Stout. MWThF, 9:00 a.m. Room 3.

- (U) BA 425. **Real-Estate Fundamentals.** (G) 3 hours.
Problems relating to the purchase, transfer, lease, and financing of land and buildings; home building, site selection, principles of house-and-lot evaluation. Open to nonmajors. Johnson. MTuThF, 10:00 a.m. Room 3.

Secretarial Science

- (S) SS 121. **Typing.** 2 hours.
For individuals with no typing or some typing background, study of keyboard technique, dictation exercises, numbers, vertical and horizontal centering, letter placement and addressing envelopes, speed and accuracy drills, straight copy writing. Individual attention to all typing problems. Backlund. Daily, 11:00 a.m., Room 5.
- (S) SS 122, 123. **Typing.** 2 hours each.
Writing paragraphs, punctuation and mechanical arrangement of business correspondence, legal forms, tabulating, manifolding, speed practices. Backlund. Daily, 1:00 p.m., Room 5.

Driver Training

Visiting Faculty: NEYHART

- (S) IE 412. **Driver Education and Training.** 3 hours.
A one-week course, August 18-22, in driver education. A basic course for preparation of teachers to conduct driver-training courses in high schools. Actual behind-the-wheel instruction in a dual-control car supplied under the sponsorship of the American Automobile Association and the State Department of Education. Prerequisite: senior or graduate standing and teaching experience. Daily, 8:00 a.m.-12:00 m., and 1:00-5:00 p.m. Room 202.

Economics

Visiting Faculty: MELDER, WATTLES

- (U) Ec 201. **Principles of Economics.** (First term) 3 hours.
Principles that underlie production, exchange, distribution, etc. Prerequisite: Sophomore standing or consent of instructor. Wattles. TuWThF, 1:00 p.m., Room 101.
- (U) Ec 417. **Contemporary Economic Problems.** (G) 3 hours.
A study of contemporary business conditions and problems; the impact of war upon our economic system; problems of adjustment to a permanent basis. Prerequisite: Ec 201, 202, 203, or consent of instructor. Melder. TuWThF, 8:00 a.m., Room 101.
- (U) Ec 440. **International Trade and Economic Policies.** (First term) (G) 3 hours.
Theory of international trade; nature and effects of government interference in the form of bounties, subsidies, import and export duties; commercial policies of the more important nations. Economic causes and effects of the two world wars; remedial policies proposed. Prerequisite: Ec 201, 202, 203, or consent of instructor. Wattles. MTuThF, 10:00 a.m., Room 101.
- (U) Ec 505. **Reading and Conference.** Hours to be arranged. Wattles.

(U) Ec 507. Seminar: Industrial Relations. 3 hours.

A graduate course intended to acquaint the student with theory and practice of employment relations in the mid-twentieth century. Attention will be given, as time and the interests of students permit, to such topics as economic, psychological and political approaches to management-labor relations, union and management behavior and policies, collective bargaining procedures, trade, agreement administration and the government's role in employment relations including the situation of a mobilization of the economy for national defense. Melder. MWThF, 9:00 a.m., Room 114.

Education

Professors: CAUGHLAN, EPLER, STEVENS

Associate Professors: BERNARD, FRANCHERE, HOPSON, MOORHEAD

Assistant Professors: GIBB, HOLLAND, HUMMEL, PHELPS

Instructors: GREENSLADE, HENKLE, NEWHOUSE

Visiting Faculty: AVERY, BAXTER, BENTALL, BISHOP, BOND, BORTOLAZZO, BOYD, COTTINGHAM, CRAMER, FITZ, FREEMAN, GLOECKLER, HAAS, HOLMES, HOVLAND, JORDALEN, KEATS, LANGSTON, LAWTON, MCGREW, MADISON, MARX, MORRISON, NOVAK, PALMQUIST, SHAFER, ZOLLINGER

(U) Ed 311. Secondary Education in American Life. 3 hours.

Development and status of secondary education as an American institution; social and psychological bases; objectives, functions, programs, curricula, and courses; personnel work and other responsibilities of teachers. Stevens. TuWThF, 1:00 p.m., Room 201.

(U) (C) Ed 312. Educational Psychology. 3 hours.

The laws of learning and their application in the classroom; motivation in learning; transfer of learning; memory, forgetting. Prerequisite: two terms of general psychology, or consent of instructor. Bernard. MTuWTh, 12:00 m., Room 202.

(U) Ed 313. Principles of Teaching. 3 hours.

Study of the actual classroom teaching process, including classroom organization and management, planning teaching units, evaluating pupil learning, and similar problems. Bortolazzo. MWThF, 9:00 a.m., Room 205.

(U) (C) Ed 316. Oregon School Law and System of Education. 2 hours.

Analysis of the Oregon school system and the laws on which the system is based. Problems of Oregon schools, plans proposed for their solution, and trends in educational development in the state. Cottingham. TuWF, 1:00 p.m., Room 206.

(C) Ed 344, 345, 346. Physical Education in the Elementary Grades. 1 hour each.

Theory and practice in rhythm; singing games, group and folk dancing; stunts, games, self-testing activities, tumbling; materials; planning and evaluating program with reference to basic principles of physical education. Students must register for all three. Greenslade. TuWThF, 8:00 a.m., Gym.

(C) Ed 351. Health Education. 2 hours.

Teaching of health education with emphasis on health knowledge, health attitudes, and health habits of school children, and the development of a health-service program. Special study of the state health-education program. Prerequisite: Sc 101, 102, 103; H 150, or consent of instructor. Holland. MWF, 11:00 a.m., Room 4 G.

(C) Ed 354. Introduction to Education. 3 hours.

Introduction to the field of education, including a historical survey of the Ameri-

can public-school system; the importance of public education to the life of the republic; the relation of the school to other social agencies; the relationship of education to other professions; the opportunities for service in the principal fields of educational work; current issues in American education; and the desirability of having a working philosophy of education. Gibb. MTuWF, 11:00 a.m. Room 205.

(C) Ed 358. **Primary Education.** 4 hours.

Principles and procedures of curriculum for primary grades; the young child studied in relation to home, primary school, and other agencies in the community. Designed to acquaint students with modern teaching procedures and materials, and to provide opportunity for application of sound psychological principles to guidance of children's learning. Class discussion, observation in the training schools, and organization of teaching materials. Prerequisite: Ed 354, Psy 201, or consent of instructor. Gloeckler. Daily, 11:00 a.m., Room 2.

(C) Ed 359. **Intermediate and Upper-Grade Education.** 4 hours.

Principles and procedures of curriculum for intermediate and upper grades. Designed to acquaint students with modern teaching procedures and materials and to provide opportunity for application of sound psychological principles to guidance of children's learning. Class discussion, observation in the training schools, and organization of teaching materials. Prerequisite: Ed 354, Psy 201, or consent of instructor. Freeman. Daily, 10:00 a.m., Room 2.

(C) Ed 380. **Elementary-School Library.** 2 hours.

Organization, administration, and development of the elementary-school library, including instruction in simple methods of handling essential technical, mechanical, and business processes; the care and repair of books, evaluation of reference materials useful for both teacher and children; stimulation of wider use of books for study and recreation; utilization of the library resources of Oregon, and service of the school library to the community. Bond. MWF, 11:00 a.m., Room 102.

(U) Ed 407, 507. **Seminar: School Health Problems.** 3 hours.

Application of the problem solving approach to improve situations affecting health that are frequently found in the school. A delineation of the responsibility of and cooperation between the teacher, nurse, and the school administration. Consultants in special areas will participate. Open to teachers, nurses, and school administrators. Palmquist and others. (July 21-August 1) daily, 12:30 to 4:30.

(U) (C) Ed 407s. **Seminar: Parent-Teacher Organization.** 2 hours.

A one-week course, August 18-22, presenting problems, techniques, and projects of the parent-teacher movement. Emphasis placed on what the home expects of the school; what the school expects of the home; what the child needs of both; the role of the PTA in fostering close and effective home-school-community cooperation. Current source materials and parent-teacher practices and programs will be examined. Special problems facing both beginning and experienced teachers will be studied. Moorhead. Daily, 9:30 a.m.-12:00 m. and 1:00-3:30 p.m., Room 205.

(U) (C) Ed 408ss. **Methods and Materials: Workshop in Geography.** (G) 3 or 6 hours.

A concentrated four-week workshop, June 23-July 18, in methods and materials in teaching geography. Designed to help teachers to develop outlines, materials, and teaching methods. Field trips. Newhouse. Daily, 1:00-4:00 p.m., Room 13.

(C) Ed 408a. **Methods and Materials: Art Education.** (G) 3 hours.

Problems and methods in selecting and organizing materials for instruction; com-

- parison and evaluation of methods, laboratory techniques, supplies, equipment; economy of time and materials. Teaching course required in minors. Teaching of art. McGrew. MTuWF, 11:00 a.m., Room 317.
- (C) Ed 408m. **Methods and Materials: Public School Music.** (G) 3 hours.
A study of how children develop and grow in and through music, experiences and materials necessary to bring about this growth and development, and the use of music throughout the entire school curriculum. Jordalen, TuWThF, 1:00 p.m., Room 6.
- (C) Ed 408s. **Methods and Materials: Elementary School Science.** (G) 3 hours.
Study of the principles and philosophy of teaching science in the elementary school. Science materials will be considered in relation to their use in the classroom. Preparation of science units; study of classroom methods. Hopson. TuWThF, 1:00 p.m., Room 308.
- (C) Ed 408L. **Methods and Materials: Language Arts.** (G) 3 hours.
(Formerly Ed 492, Recent Trends in Language Arts). Designed to provide guidance and assistance to in-service teachers and other qualified students in making a survey and organizing materials related to language arts and in developing procedures and techniques of evaluation in terms of the integrated program. Through readings, class discussions, and demonstration, students become acquainted with each of the four areas of the language arts: reading, speaking, writing, and listening. Zollinger. MTuWF, 11:00 a.m., Room 11.
- (U) Ed 409. **Psycho-Educational Clinic.** (G) 3 hours.
Practice, under supervision, in diagnostic and remedial treatment of learning disabilities of elementary and high school pupils. Clinic work will be limited to the diagnosis and correction of reading and speech disabilities. Prerequisite: Ed 465; Sp 481. Phelps, Bentall. MTuWF, 11:00 a.m., Room 9.
- (C) Ed 415. **Supervised Teaching.** (Elementary). See Ed 493.
- (U) Ed 415. **Supervised Teaching.** (Secondary) 3 hours.
Supervised experience in the many phases of high-school teaching. Discussion of problems confronted by the student while teaching. Selection will be made from written applications filed in advance with the Director of the Portland Summer Session. Hours to be arranged. Bortolazzo.
- (C) Ed 418. **Elementary Tests and Measurements.** (G) 3 hours.
Presentation of standardized tests in various subjects taught in the elementary schools and in group intelligence tests, the general principles of classroom test making, and practice in administering, scoring, and interpreting various tests given in the elementary school. Cottingham. MTuWF, 11:00 a.m., Room 206.
- (U) Ed 424. **Measurements in Education.** (G) 3 hours.
Use and interpretation of informal and standardized tests as supervisory and guidance instruments for the diagnosis, analysis, evaluation, and improvement of instruction in the elementary and secondary schools. Test planning, item writing, essay testing, administration and scoring, analysis of scores and grade assignment. Simple statistics of test interpretation. Cottingham. MTuWF, 11:00 a.m., Room 206.
- (G) Ed 429. **Use of Social-Agency Resources by Teachers.** (See Soc 407, 507)
- (U) (C) Ed 435. **Audio-Visual Aids.** (G) 3 hours.
The development and use of audio-visual aids in education. Historical background,

psychological and educational principles, and experimental studies. Emphasis on actual learning situations in which radio, recordings, film slides, film strips, pictures, etc., are used. Sources of materials and equipment; administration of program. Laboratory hours to be arranged. Three Sections:

Section 1: TuWThF, 8:00 a.m., Room A-B. Lawton.

Section 2: MTuWF, 11:00 a.m., Room A-B. Henkle.

Section 3: MTuWTh, 12:00 m., Room A-B. Henkle.

- (U) Ed 440. **History of Education.** (G) 3 hours.
A general review of the growth and development of education in relation to the civilization of the times; emphasis on development of educational philosophies. Epler. MWThF, 9:00 a.m., Room 206.
- (U) Ed 460. **Psychology of Childhood.** (G) 3 hours.
The facts and principles of child behavior and development from conception to adolescence. Not open to students who have completed Psy 411. Prerequisite: general psychology, or consent of instructor. Langston. TuWThF, 8:00 a.m., Room 201.
- (U) Ed 461. **Adolescence: Growth and Development of the Individual.** (G) 3 hours.
Processes through which the normal human being reaches maturity, acquires effective use of his bodily equipment and learning capacity, and makes satisfactory personal and social adjustments. Not open to students who have completed Psy 412. Marx. TuWThF, 1:00 p.m., Room 323.
- (U) Ed 462. **Psychology of Exceptional Children.** (G) 3 hours.
Survey of characteristics and problems of all types of exceptional children, with special emphasis on those with sensory handicaps; consideration of essential educational adaptations. Required for special education certificate and should be taken as a prerequisite for other courses in special education. Keats. TuWThF, 8:00 a.m., Room 218.
- (U) Ed 463. **The Maladjusted Child.** (G) 3 hours.
Lectures and discussion relating to the mechanisms underlying maladjustment. Basic principles will be studied which show the interrelation of emotional, mental, and physical problems. Morrison and staff. TuWThF, 8:00 a.m., Room 1.
- (U) (C) Ed 465. **Diagnostic and Remedial Instruction in Reading.** (G) 3 hours.
Diagnostic, remedial, and corrective techniques in basic school subjects: applications of techniques to actual cases will be limited to the areas of reading, spelling, and speech. Techniques of screening and conferencing will be developed. Phelps. TuWThF, 8:00 a.m., Room 15.
- (C) Ed 467. **Applied Mental Hygiene.** 3 hours.
A study of the development of personality, personality conflicts, mechanisms of adjustment, and the basic principles of mental hygiene. Emphasis is placed on application of mental-hygiene principles to personality development of teachers and of children. See also Psy 411. Bernard. MTuThF, 10:00 a.m., Room 324.
- (C) Ed 473. **Administration of the Elementary School.** (G) 3 hours.
Study of the principles and desirable practices in the administration of elementary schools, with special reference to organization for instruction, administering pupil personnel and special services, public relations, school buildings and equipment, guidance, and staff relations. MTuWF, 11:00 a.m., Room 9.

(C) Ed 474. **Supervision of the Elementary School.** (G) 3 hours.

Practical study of principles and desirable practices in the supervision of elementary schools, with special references to the role, duties, and problems of supervisors, including specific techniques for the evaluation and improvement of teaching-learning situations. (July 21-August 15). MTuThF, 9:00-11:00 a.m. Room 9.

(G) Ed 478. **Improvement of Instruction in Reading.** (G) 3 hours.

Intensive study of the classroom teacher's responsibility in the teaching of reading in the elementary grades. General plan developed for teaching children of a given grade as a unit. Attention directed to the smaller groups which compose the unit, such as: the mentally and scholastically retarded; the neglected and unadjusted; children with physical handicaps. Stress will be placed on readiness at each level, the use of phonics, children's interest, selection of material, diagnostic and remedial procedures for classroom use. Zollinger. TuWThF, 8:00 a.m., Room 2.

(S) (C) Ed 485. **Principles and Practices of Guidance Services.** (G) 3 hours.

Overview of guidance and personnel work. Attention given to vocational, educational, health, social personality, recreational, and other aspects of individual development. Participation of teachers, counselors, administrators, parents, and community organizations in a program of guidance. For all teachers and administrators. Students specializing in guidance should begin with this course. Prerequisite: senior standing, or consent of instructor. Novak. MTuWTh, 12:00 m., Room 206.

(S) Ed 486. **Occupational and Educational Information.** (G) 3 hours.

Materials available regarding occupations; interpretations of present trends; value and usefulness for high-school and college students. Prerequisite: senior standing or consent of instructor. Novak. TuWThF, 8:00 a.m., Room 206.

(C) Ed 493. **Observation and Evaluation of Teaching.** (G) 1-3 hours.

Opportunity for experienced teachers to observe modern trends in education as demonstrated in the training schools and to discuss educational practices and theories. Prerequisite: Consent of instructor. A limited number can be assigned to the few places available for this course. Selection will be made from written applications filed in advance with the Director of the Portland Summer Session. *Open only to experienced elementary teachers who require credits in supervised teaching for certification. An acceptable substitute for Ed 415.* Freeman. TuWThF, 1:00 p.m., Room 2.

(G) Ed 493a. **Utilization of Regional Resources.** (G) 3 hours.

A study of the natural resources of Oregon and the Northwest: soils, forests, fish and wild life, water, minerals, scenery, and human resources will be discussed by representatives of the various governmental agencies that deal in conservation and by representatives from private industry. Opportunity will be provided for a critical review of the best 16 mm. films and the best conservation literature. Field trips will be planned to see conservation practices in operation. Methods of presenting conservation in the schools will be included. Hopson. MTuWF, 11:00 a.m., Room 308.

(U) (S) Ed 501. **Educational Research.** Hours to be arranged.

Supervised research by qualified graduate students. Prerequisite: graduate standing in education; consent of instructor. Staff.

- (U) Ed 501F. **Educational Research. (Field Study).** Terms and hours to be arranged.
Field study for graduate students who plan to take the Master of Education degree from the University of Oregon. Staff.
- (U) (S) Ed 503. **Thesis.** Hours to be arranged.
Staff.
- (U) (S) Ed 505. **Reading and Conference.** Hours to be arranged.
Staff.
- (U) Ed 507. **Seminar: Foundations of Education.** 3 or 6 hours.
A comprehensive survey of some of the major historical, philosophical, psychological, and social factors underlying present-day American education. Problems of educational and personal adjustment in modern society. Course may be taken in conjunction with Ed 508 (Curriculum Workshop). Stevens and staff. MTuThF, 10:00 and 11:00 a.m., Room 202.
- (U) Ed 507. **Seminar: Psycho-Educational Problems.** 1 to 6 hours.
Supervised individual casework with children who have learning or behavior problems in the school. Training in interviewing, psychological evaluation, prognosis, and treatment procedures. Enrollment limited to those with sufficient education and/or experienced background. Prerequisite: Consent of instructor. Hours to be arranged. Boyd, Fite. Consultant; Morrison.
- (U) Ed 507. **Seminar: Sociology of Childhood.** 3 hours.
(July 21-August 15) An analysis of the role of the child in the social structure. Special consideration of the interaction of the child with his peers, his parents, and the school. The function of role-playing, group dynamics, and play therapy as tools for the solving of personal social problems. Haas. MTuWTh, 1:00-3:00 p.m., Room 13.
- (U) Ed 507. **Seminar: Radio Education.** 3 hours.
A study of the use of radio and television as instruments of education. The course includes discussion, demonstrations, reports, and lectures on radio's and television's place in education; philosophy of radio and television education; planning and supervising the school use of radio and television; organizing the school and community for selection and use of programs; evaluating instruction by radio and television; objectives in developing discrimination; possibilities of future developments. Lawton. MWThF, 9:00 a.m., Room A-B.
- (U) Ed 507. **Seminar: Teaching of High-School English.** 3 hours.
A study of the techniques as well as a consideration of the problems of the high-school English teacher. Franchere and staff. MTuThF, 10:00 a.m., Room 208.
- (S) Ed 507. **Seminar: Youth Problems.** 3 hours.
A study of the individual factors (including physical and biological—the mental, emotional and character traits and personality habits); the home and family life, companionships, associations and gang activities; the inadequacies of community institutions and the effect of population and cultural factors, including racial and minority groups; culture conflicts and the economic and physical environmental factors. (July 7-18) Cramer. Daily, 1:00-5:00 p.m., Room 208.
- (U) (S) Ed 508. **Curriculum Workshop.** 3 or 6 hours each four week period.
June 23-July 18; July 21-August 15. Students may register in either or both four week periods to earn a maximum of 12-credit hours. Experience in planning curricula in various fields for specific situations. Provides an opportunity for in-

dividual projects or for a staff group working cooperatively to develop or revise plans or programs. Several staff members will be available to assist as resource people in different curricular fields. Hours to be arranged in accordance with individual needs. Baxter, Director; Gloeckler, Associate Director, and staff. Daily, 8:00 a.m.-12:00 m., Room 13.

(U) Ed 508. **Workshop in Family Life Education.** 3 hours.

Content of units or courses in education for marriage and family life; consideration of the common problems of adolescence in boy-girl relationships and family adjustment; methods and materials. Students may concentrate on problems of especial concern to themselves. For teachers, counselors, deans, or administrators. In cooperation with E. C. Brown Trust. (July 21-August 15). Avery and staff. MTuWTh, 11:00 a.m.-1:00 p.m., Room 218. (See also, FL 508.)

(U) (S) Ed 512. **Research Procedures in Education.** 3 hours.

The nature and methods of research in the field of education; formulation of an individual educational problem; application of research techniques to the solution of the chosen problem. Caughlan. MTuWF, 11:00 a.m., Room 103.

(U) Ed 517. **Statistical Methods in Education.** 3 hours.

Elements of statistical method; methods of treating collective facts, average facts, and correlated facts, as applied to giving and scoring tests, finding costs, etc. Prerequisite: Ed 416, or consent of instructor. Gibb, MTuThF, 10:00 a.m., Room 205.

(U) (S) Ed 522. **Secondary-School Curriculum.** 3 hours.

An advanced course for experienced teachers. The school in the community; guidance activities in the school extraclass activities; the role of the school in contemporary society; the teacher in the local community. Shafer. MTuWF, 11:00 a.m., Room 6.

(U) Ed 527. **Secondary-School Administration and Supervision.** 3 hours.

The secondary-school principalship; principles of administration, staff relationships, public relations, and professional growth; business administration; administration of guidance services, curriculum, and school activities; evaluation of the secondary school. Shafer. MTuThF, 10:00 a.m., Room 204.

(U) Ed 529. **Advanced Educational Psychology.** (See Psy 520. Psychology of Learning.)

(U) (S) Ed 546. **Philosophy of Education.** 3 hours.

Fundamental problems of education, with some attempt at their solution; meaning of philosophy, philosophy of education; value for teacher and administrator. Prerequisite: graduate standing in education, or consent of instructor. Hovland. TuWThF, 8:00 a.m., Room 202.

(U) Ed 552. **Elementary-School Problems.** 3-4 hours.

Selected current problems; issues and theories of elementary education; characteristics of modern teaching; major trends in elementary education. (July 21-August 15). Holmes. MTuWF, 11:00 a.m.-1:00 p.m., Room 204.

(U) Ed 553. **Elementary-School Curriculum.** 3-4 hours.

A systematic study of the elementary-school curriculum, including pupil needs in everyday life situations, objectives, essentials of a good program, varying curriculum designs, organization of learning experiences, evaluation of learning, and appraisal of newer curriculum practices. Holmes. MWThF, 9:00 a.m., Room 1.

- (U) Ed 556. **Higher-Education Survey.** 3 hours.
Problems of higher education. Organization, administration, finance; philosophy, purposes, curricula; student and faculty personnel; extension and special services. Epler. TuWThF, 1:00 p.m., Room 114.
- (U) Ed 561. **Advanced Educational Psychology.** 3 hours.
Review of some modern viewpoints in educational psychology; discussion of useful experimental material. Prerequisite: graduate standing in education, or consent of instructor. Bernard. MWThF, 9:00 a.m., Room 324.
- (U) Ed 566. **Curriculum Construction.** 3-4 hours.
Survey and appraisal of curricular patterns; state and city programs; courses of study in major subject areas; techniques of course-of-study planning. (June 23-July 18). Daily, 9:00-11:00 a.m. Room 9.
- (U) Ed 567. **Curriculum Materials.** 3-4 hours.
Effective use and organization of curriculum materials; text and reference books, supplementary pamphlet material, films and slides, records and recordings, pictures, radio, etc; techniques of unit construction and community survey. (June 23-July 18) Lawton. MTuWF, 11:00 a.m.-1:00 p.m., Room 218.
- (U) Ed 572. **Public-School Administration.** 3 hours.
Duties and responsibilities of school administrators. Relationships with board, staff, and community. Consideration of the professional and nonprofessional problems of school administrators. Shafer. TuWThF, 8:00 a.m., Room 204.
- (U) Ed 573. **Public-School Organization.** 3 hours.
The organizational patterns and programs of both elementary and secondary schools. Details of administration, including scheduling, records and accounts, pupil accounting, personnel and guidance programs, activity programs, etc. (June 23-July 18). Bishop. MWThF, 9:00 a.m.-11:00 a.m., Room 203.
- (U) Ed 574. **School Supervision.** 3 hours.
Purposes and techniques of school supervision, as applied to both elementary and secondary schools. The organization of supervisory programs and diagnosis of both teacher and pupil difficulties. Bortolazzo. TuWThF, 8:00 a.m., Room 9.
- (U) Ed 575. **School Finance.** 3 hours.
The problems of school finance and business management; sources of school income, relationship to the state financial structure; budgeting and accounting, as affected by the school program. Construction of a budget is a part of the course. Cottingham. TuWThF, 8:00 a.m., Room 203.
- (U) Ed 576. **School Buildings.** 3 hours.
A study of the problems involved in planning, financing, and construction of school buildings; the care and maintenance of buildings; and problems of equipment. An analysis of problems in a specific district is a part of the course. Hummel. MWThF, 9:00 a.m., Room 2.
- (S) Ed 577. **Counselor Training: Group Procedures.** 3 hours.
Introduction to principles underlying behavior and methods for modifying individual's attitudes and actions by group procedures. Survey of group dynamics; evaluation of leader's role in group; process of attitudinal change and its results; approaches to group and play therapy; relation between individual and group counseling methods. Prerequisite: graduate standing or consent of instructor. Novak. MTuThF, 10:00 a.m., Room 206.

English

Associate Professors: COLLIER, FRANCHERE
Assistant Professors: BIERMAN, DAHLSTROM, LITCHFIELD
Visiting Faculty: BOND, CHILDS, SOUERS

Literature

- (U) Eng 101. **Survey of English Literature.** (First term) 3 hours.
From Beowulf to Milton. Dahlstrom. TuWThF, 1:00 p.m., Room 202.
- (U) Eng 102. **Survey of English Literature.** (Second term) 3 hours.
From Milton to Byron. Bierman. MTuWF, 11:00 a.m., Room 3.
- (C) Eng 107. **World Literature.** (First term). 3 hours.
A sequence in narrative prose, drama, and poetry. Complete books are studied so that the student may be familiar with some of the masterpieces in Western world literature. Litchfield. MTuThF, 10:00 a.m., Room 218.
- (C) Eng 108. **World Literature.** (Second term) 3 hours.
Litchfield. MTuWTh, 12:00 m., Room 205.
- (U) Eng 201. **Shakespeare.** (First term) 3 hours.
Study of the important plays, comedies, histories, and tragedies. Required for majors. Childs. TuWThF, 8:00 a.m., Room 102.
- (U) Eng 262. **Survey of American Literature.** (Second term) 3 hours.
American literature from its beginning to the present day. Two consecutive terms will satisfy the high-school teaching-field requirement in English. Childs. MWThF, 9:00 a.m., Room 102.
- (C) Eng 388. **Children's Literature.** 3 hours.
Acquaintance with, and appreciation of, the great body of literature belonging to the elementary-school program. Investigation in the field of children's interest in reading, and in grade placement of types and pieces of literature. Bond.
Two sections:
Section 1: TuWThF, 8:00 a.m., Room 106.
Section 2: MWThF, 9:00 a.m., Room 106.
- (U) Eng 396. **Twentieth Century Literature.** (Third term) 3 hours.
British and American literature since 1900. This course may not be offered toward the satisfaction of the minimum requirement for a major in English. Franchere. MWThF, 9:00 a.m., Room 101.
- (U) Eng 412. **English Drama.** (Second term) (G) 3 hours.
The development of English dramatic forms from the beginnings to modern times. Second term, 1642-1870. Dahlstrom. MTuWTh, 12:00 m., Room 208.
- (U) Eng 425. **Late Medieval Literature.** (G) 3 hours.
The literature of the Middle Ages, in relation to the social and literary ideas of the period. Souers. MTuThF, 10:00 a.m., Room 201.
- (U) Eng 428. **Chaucer.** (G) 3 hours.
As much of Chaucer's work read as time permits. Required for graduate students in English. Souers. TuWThF, 1:00 p.m., Room 102.
- (U) Eng 444. **Milton.** (G) 3 hours.
Souers. MTuWF, 11:00 a.m., Room 201.

See the following listed under EDUCATION:

Ed 507. Seminar: Teaching of High-School English. 3 hours.

Written English

- (U) (C) Wr 111. **English Composition.** (First term) 3 hours.
The fundamentals of English composition and rhetoric; frequent written themes. Special attention to correctness in fundamentals and to the organization of papers. Bierman. MTuWTh, 12:00 m., Room 201.
- (U) (C) Wr 112. **English Composition.** (Second term) 3 hours.
Litchfield. TuWThF, 1:00 p.m., Room 205.
- (U) (C) Wr 113. **English Composition.** (Third term) 3 hours.
Bierman. MTuWTh, 2:00 p.m., Room 201.
- (S) Eng 211. **Vocabulary Building.** 3 hours.
Methods of building individual vocabulary; analysis of words; meaning in context. Designed to increase reading comprehension and effective use of language. Collier. MTuThF, 10:00 a.m., Room 102.

Foreign Languages

Instructor: EATON

Visiting Faculty: STRASH, WAWRZYNIAK

French*

- (U) RL 1, 2. **First-Year French.** 8 hours.
Provides an introduction to grammar and practice in reading modern prose; considerable drill in pronunciation and opportunity for understanding the spoken language. Equivalent of the first two terms of First-Year French given during the regular academic year. Wawrzyniak. Daily, 10:00 a.m.-12:00 m., Room 301.

German*

- (U) GL 1, 2. **First-Year German.** 8 hours.
The fundamentals of grammar, oral drill, translation of prose selections. Equivalent of the first two terms of First-Year German given during the regular academic year. Recommended for students who wish to acquire a reading knowledge. Eaton. Daily, 8:00-10:00 a.m., Room 7.

Russian*

- (U) SL 11, 12. **First-Year Russian.** 8 hours, total credit.
An intensive course in elementary Russian. Translation of modern prose; grammar, and oral drill. Strash. Daily, 12 m.-2 p.m., Room 2.
- (U) SL 14. **Second-Year Russian.** 4 hours.
Survey of grammar; composition and conversation; study of military terms. Strash. Daily, 8 a.m., Room 308.
- (U) SL 311. **Russian Literature.** (First term) 3 hours.
Russian literature from the Middle Ages to the present; reading of representative texts. Prerequisite: two years of Russian or equivalent, or consent of instructor. Strash. MTuThF, 10:00 a.m., Room 4.

Spanish*

(U) RL 11, 12. **First-Year Spanish.** 8 hours.

Provides an introduction to grammar and practice in reading modern prose; considerable practice in pronunciation and opportunity for understanding the spoken language. Equivalent of the first two terms of First-Year Spanish given during the regular academic year. Wawrzyniak. Daily, 1:00-3:00 p.m., Room 301.

General Science

Associate Professor: **HOBSON**

(U) GS 311. **Natural History of Oregon.** (First term) 3 hours.

The earth and life history of Oregon; kinds and distribution of contemporary plant and animal life. MTuThF, 10:00 a.m., Room 308.

General Social Science

Assistant Professor: **HOFFMANN**

(C) SSc 411. **Contemporary Problems.** (First term) 3 hours.

A study of modern social, political, and economic problems from the standpoint of sociology, economics, psychology, biology, genetics, and the interference of civilization with the processes of natural selection. Prerequisite: Sc 101, 102, 103; SSc 101, 102, 103; Psy 201, 202, or consent of instructor. MTuWF, 11:00 a.m., Room 106.

General Studies

Portland Summer Session Advisers: **CAUGHLAN, STEVENS**
Chairman, University Committee: **DRON**
Chairman, State College Committee: **YUNKER**

GSt 501. **Research in General Studies.** Hours to be arranged.

GSt 503. **Graduate Thesis.** Hours to be arranged.

GSt 505. **Reading and Conference.** Hours to be arranged.

Geography

Instructor: **NEWHOUSE**
Visiting Faculty: **MYATT**

(C) Geog 107. **Introductory Geography.** (Third term) 3 hours.

Political problem areas of Europe, Africa, and Asia; geographic problems involved in international harmony. Myatt. MTuWTh, 12:00 m., Room 301.

(C) Geog 329. **Geography of North America.** 3 hours.

Regional geography of the continent north of the Rio Grande. Prerequisite: Geog 105, 106, 107 or Geog 201, 202, 203, or consent of instructor. May be taken concurrently with Geog 429. Myatt. TuWThF, 1:00 p.m., Room 204.

(U) Geog 429. **Geography of North America.** (C) 3 hours.

Regional geography of the continent north of the Rio Grande. Prerequisite: Geog

* Students who complete RL 1, 2; GL 1, 2; SL 11, 12; or RL 11, 12, with a grade of A or B may enter Second-Year French, German, Russian, or Spanish in the fall term.

105, 106, 107 or Geog 201, 202, 203, or consent of instructor. Myatt. TuWThF, 1:00 p.m., Room 204.

(U) Geog 432. Geography of Africa. (G) 3 hours.

Physical geography of the continent; the main economic, social, and political problems viewed in relation to geography. Prerequisite: Geog 105, 106, 107 or Geog 201, 202, 203, or consent of instructor. Myatt. MTuThF, 10:00 a.m., Room 106.

See the following listed under EDUCATION:

Ed 408ss. Methods and Materials: Workshop in Geography. (G)

Health and Physical Education

Assistant Professor: HOLLAND
Instructor: GREENSLADE
Visiting Faculty: WEBB

(C) Ed 344, 345, 346. Physical-Education in the Elementary Grades. 1 hour each.

Students must register in all three. See description in Education.

(C) Ed 351. Health-Education. 3 hours.

See description in Education.

(U) PE 345s. American Folk Dance Technique. 2 or 3 hours.

A concentrated one week course in American Folk Dance offered at the Hayloft, 2105 S. W. Front Avenue, June 16-21. Square dances, progressive dances, and the fundamentals of round or pattern dancing will be included on the program. Opportunities will be offered to call and teach. For men and women. Daily: 9:00 a.m.-12:00 m.; 1:30 p.m.-4:30 p.m.; 7:30 p.m.-10:30 p.m. Weir.

(U) PE 406. Special Problems: Foreign Folk Dance. 3 hours.

Materials of folk dancing, including the fundamental locomotor skills, traditional step patterns, and representative folk dances from a number of foreign countries. Attention will be given to developing folk dance units for use at the different grade levels. For men and women. Weir. TuWThF, 1:00 p.m., Gym.

(U) (C) PE 411, 412, 413. Physical-Education Workshop. (g) 9 hours, total credit.

A workshop for physical-education teachers in the public schools. Each teacher works out and organizes the complete program for his school in light of the objectives, standards, and purposes of the Oregon physical-education program. Open to men and women. Greenslade and Holland. MTuThF, 9:00-10:00-11:00 a.m. Room 1 G.

(U) PE 551. Administration of Physical Education. 3 hours.

Organization and administration of the physical-education program at the college level. Holland. TuWThF, 1:00 p.m., Room 4 G.

History

Assistant Professor: HOFFMANN
Visiting Faculty: KOLLMAN

(U) (C) Hst 377. Oregon History. 2 hours.

Brief survey of the building of civilization in the Oregon Country. Required for teacher certification in Oregon. Hoffmann. MWF, 2:00 p.m., Room 315.

(C) Hst 379. American History and Government. 3 hours.

A continuation of Hst 378, covering the period since the Civil War. Hoffmann. TuWThF, 1:00 p.m., Room 315.

(U) Hst 445. Europe Since 1939. (C) 3 hours.

Origins and course of World War II; postwar developments in the European states. Kollman. MTuWF, 11:00 a.m., Room 315.

(U) Hst 448. Soviet Union. (C) 3 hours.

The revolution of 1917; Russian domestic and foreign policies from 1917 to the present. Kollman. TuWThF, 8:00 a.m., Room 315.

(U) Hst 505. Reading and Conference. Hours to be arranged. Kollman.**(U) Hst 507. Seminar: Germany in the Twentieth Century: Selected Problems. 3 hours.**

Democratic and anti-democratic forces in German history since 1918. The selection of the individual topics (e.g. the failure of democracy in the Weimar Republic, the Nazi police state, the Munich crisis, the German opposition to Hitler, German political development after World War II) will be somewhat influenced by the interests of the participating students. Kollman. MWThF, 9:00 a.m., Room 315.

Journalism

Instructor: JUDKINS

(U) J 360. General Journalism. 3 hours.

A practical elementary course in journalism, designed for prospective newspaper workers, free-lance writers, publicity writers, and teachers of high-school journalism. News gathering, news evaluation, and writing. Class members will gain practical experience by working on the *Summer Signal*, which will be published weekly by the Portland Summer Session. MWThF, 9:00 a.m., Room 308.

Mathematics

Assistant Professor: GIBB

Instructor: EARON

(U) (S) Mth 100. Intermediate Algebra. 4 hours.

Prerequisite: one year of high-school algebra. Eaton. Daily, 11:00, Room 7.

(C) Mth 211. Foundations of Mathematics. 3 hours.

Treatment of the historical aspects of mathematics, social uses and relationships, mathematical principles and relationships, grade placement of content materials, appraisal of texts, workbooks, and tests, development of problem-solving ability, and proficiency in the fundamental skills of mathematical processes. For elementary teachers. Gibb. TuWThF, 1:00 p.m., Room 11.

Music

Visiting Faculty: JORDALEN

(C) Mus 282. Music II. Music Reading and Ear Training. 3 hours.

Acquiring more skill in reading song material; more advanced rhythmic patterns; major and minor modes; two-, three-, and four-part music; chording; ear training; dictation. MTuThF, 10:00 a.m., Room 6.

(C) Mus:283. Music III. Music Education. 3 hours.

The close relationship between music education and other areas in education; planning a musical environment; directing the experiences of children in music; studying principles and procedures in teaching music skills. MTWTh, 12:00 m., Room 6.

See Ed 408m. **Methods and Materials in Public School Music.** (G) Listed in EDUCATION.

Nursing Education

Visiting Faculty: PETERSON

(U) Nur 466. Methods of Teaching Health. 3 hours.

Application of the principles of teaching to the instruction of individuals and groups. Supervised experience in teaching community groups the American Red Cross home-nursing course. Open to those holding teacher certificates upon consent of instructor. Tuesday, 1:00-5:00; Thursday, 9:00-5:00; Friday, 1:00-5:00; for three weeks, followed by 14 hours of practice teaching. University of Oregon Medical School.

Philosophy and Religion

Visiting Faculty: HOVLAND

(S) Phl 202. Introduction to Philosophy. 3 hours. (Second term)

A unified year sequence but work of the three terms may be taken in any order. Phl 201 is a study of elementary problems of knowledge and nature in terms of historical development of philosophy; *Phl 202, philosophy of ethics*; Phl 203 considers social philosophy with special attention to philosophy of history. MTuWF, 11:00 a.m., Room 114.

(U) R 462. Judaism and Christianity. (g) 3 hours.

History of the two religions; how they arose, the social conditions bearing on their development, their internal struggles, their beliefs. MTuThF, 10:00 a.m., Room 114.

Political Science

Visiting Faculty: CAPPER-JOHNSON, FLACH

(U) PS 201. American Governments. 3 hours.

A study of American national government. Flach. TuWThF, 8:00 a.m., Room 3.

(U) PS 420. International Organization. (G) 3 hours.

A survey and analysis of the development of public international organization, with chief emphasis on the United Nations and its affiliated organizations; consideration of the leading problems of the United Nations; international administration. Capper-Johnson. MWThF, 9:00 a.m., Room 201.

(U) PS 491. Democracy and Dictatorship. (G) 3 hours.

An analysis of Democracy, Liberalism, Fascism, Nazism, and Communism in terms of their institutions and in terms of the role of the individual in the respective systems. Flach. MWThF, 9:00 a.m., Room 204.

(U) PS 407, 507. Seminar: The Development of Nationalism. 3 hours.

A study of the historical growth of nationalism with special reference to its part

in the history of Europe in the nineteenth century and of the world in the twentieth century; reference will also be made to its cultural contribution and its economic consequences. Capper-Johnson. MTuWTh, 12:00 m., Room 101.

- (U) PS 407, 507. Seminar: World Problems; Politics Among Nations. 3 hours. Analysis of major International Problems, diagnosis of the foreign policies involved, of the interests affected, and of possible solutions. Flach. MTuWTh, 12:00 m., Room 106.

Psychology

Associate Professor: BERNARD

Assistant Professor: WILCOX

Visiting Faculty: BOYD, LANGSTON, MARX

- (U) (C) Psy 201. General Psychology. (First term) 3 hours.
Introductory study of behavior and conscious processes. Survey of experimental studies with reference to motivation, learning, perceiving, and individual differences. Wilcox. TuWThF, 8:00 a.m., Room 323.
- (U) (C) Psy 202. General Psychology. (Second term) 3 hours.
Wilcox. MWThF, 9:00 a.m., Room 323.
- (U) Psy 208, 209, 210. General Psychology Laboratory. 1 hour each.
Introduction to experimental methods. Laboratory work coordinated with Psy 201, 202. Wilcox. MTuWF, 11:00 a.m.-1:00 p.m. Room 324.
- (C) Psy 261. Child Growth and Development. 3 hours.
Consideration of the child as an individual and as a member of social groups. Included is a study of the kinds of home and school environment essential to the best intellectual, physical, and emotional development of the child. Langston. TuWThF, 8:00 a.m., Room 201.
- (U) Psy 411. Psychology of Infancy and Childhood. (G) 3 hours.
Growth of behavior during the prenatal period, infancy, and childhood. Development of muscular activities, perception, emotional adjustment, intelligence, language, and social behavior in childhood. Not open to students who have completed Ed 460. Langston. TuWThF, 8:00 a.m., Room 201.
- (S) Psy 411. Mental Hygiene. (g) 3 hours.
Principles and application of mental hygiene to problems of the individual in home, school, and occupational situations. Prerequisite: Psy 203, or Psy 207, 208, or consent of instructor. Bernard. MTuThF, 10:00 a.m., Room 324.
- (U) (C) Psy 412. Psychology of Adolescence. (G) 3 hours.
Study of the behavior changes during preadolescence, and adolescence. Intended to follow Psy 411. Not open to students who have completed Ed 461. Marx. TuWThF, 1:00 p.m., Room 323.
- (U) Psy 431. Clinical Methods in Psychology. (G) 3 hours.
Survey of intelligence, achievement, special-aptitude, interest, and personality tests; theoretical and statistical background for interpretation of test scores. Boyd. TuWThF, 8:00 a.m. Room 301.
- (U) Psy 432. Clinical Psychology. (G) 3 hours.
Practice in administering, scoring, and interpreting individual and group examinations in the fields of intelligence, special aptitudes, interest, and personality. Consideration of essential statistical procedures. Special training in diagnosis of

actual cases. Prerequisite: Psy 431, which may be taken concurrently with consent of instructor. Boyd. MWThF, 9:00 a.m. Room 301.

(U) Psy 450. **Abnormal Psychology.** (G) 3 hours.

Various forms of unusual behavior, including anxiety states, hysteria, hypnotic phenomena, and psychoses. Normal motives and adjustment mechanisms as they are exaggerated in the so-called neurotic person. Marx. MTuThF, 10:00 a.m. Room 323.

(U) Psy 407, 507. **Seminar: Individual Differences Applied to Education.** 3 hours.

Examination of current psychological literature and experimental findings relating to such problems as: the effects of practice, special abilities, and mental characteristics. Marx, MTuWF, 11:00 a.m., Room 323.

Science

Assistant Professors: JOHNSON, LANGE, MACNAB
Instructors: PAYNE, WALTON

Chemistry

(S) Ch 104, 105, 106. **General Chemistry.** 4 hours each.

Required for nursing-education and medical-technician students. Laboratory hours to be arranged. Johnson. Daily, 9:00 a.m.-12:00 m., Rooms 303-306.

(S) Ch 226. **Organic Chemistry.** 5 hours.

Carbon compounds of the aliphatic series. Prerequisite: Ch 206. Laboratory hours to be arranged. Lange. MTuWTh, 12:00 m.-3:00 p.m. Room 306.

(S) Ch 227. **Organic Chemistry.** 5 hours.

An intensive study of the chemistry of the aromatic series. Prerequisite: Ch 226. Laboratory hours to be arranged. Lange MTuWTh, 12:00 m.-3:00 p.m., Room 306.

General Science

(C) Sc 101, 102, 103. **Biological-Science Survey.** 3 hours each.

Fundamental principles of plant and animal biology; man's interactions with the living world. For general students, those seeking degrees from the colleges of education, and those majoring in fields other than biology. Laboratory hours to be arranged. Macnab. MTuThF, 9:00 a.m.-12:00 m., Room 311.

Physics

(S) Ph 201, 202, 203. **General Physics.** 4 hours each.

Mechanics, sound, light, heat, electricity, and magnetism. Laboratory hours to be arranged. Walton. Daily, 9:00 a.m.-12:00 m., Room D.

Science

(C) Sc 201, 202, 203. **Foundations of Physical Science.** 3 hours each.

A course in the elements of the branches of physical science, i.e., astronomy, chemistry, geology, meteorology, and physics. Study of the development of these fields from their earliest historical beginnings to their present-day positions and effects on society. Particular emphasis is placed on the development of scientific attitudes. Payne. MTuThF, 9:00 a.m.-12:00 m., Room C.

(C) Ed 408a. **Methods and Materials: Elementary-School Science.**

(See description under EDUCATION).

Sociology

Visiting Faculty: IVERSON, MADISON, MELDER

- (U) Soc 205. **General Sociology.** (Second term) 3 hours.
The basic findings of sociology concerning the individual, culture, group life, social institutions, and factors of social change. Melder. MTuWF, 11:00 a.m., Room 1.
- (G) Soc 346. **Social Case Methods Applied to Nursing.** 3 hours.
History and current concepts of case-work theory; social problems related to illness; principles of interviewing; relationship between nurses and social workers. Monday, 10:00-11:50; Friday, 10:00-10:50, University of Oregon Medical School. Iverson.
- (U) Soc 417. **Juvenile Delinquency.** (G) 3 hours.
Nature and extent of delinquent behavior; contributing factors; current preventive programs and rehabilitation agencies. Prerequisite: general sociology or general psychology, or consent of instructor. Madison. MTuWF, 11:00 a.m., Room 208.
- (U) Soc 407, 507. **Seminar: Teachers Use of Social Agencies.** 3 hours.
Designed to give a broad picture of social-agency structure and function in the community, with emphasis on Oregon agencies. How the teacher can better serve the needs of the individual child by using group-work, case-work, and child-welfare resources of the community. By knowing these resources the teacher will be better able to cooperate in setting standards of care and establishing protective measures for children. Madison. TuWThF, 8:00 a.m., Room 208.
- (U) Soc 407, 507. **Seminar: Problems of Child Welfare.** 3 hours.
A broad analysis of the responsibility and interrelations of public and private agencies in meeting the needs of children. Public and private programs for child care are examined with some attention to the administrative and financial arrangements involved. Current trends and problems are analyzed. Madison. MWThF, 9:00 a.m., Room 208.

Speech

Associate Professor: COLLIER

Assistant Professors: CLIFFORD, ROBERTS

Visiting Faculty: DAWSON, PENNINGTON

- (U) Sp 111. **Fundamentals of Speech.** (First term) 3 hours.
Projects in extempore speaking. Primary emphasis on content and organization, with attention also to the student's adjustment to the speaking situation, effective delivery, audience motivation, and language of the speech. Collier. MTuWTh, 12:00 m., Room 102.
- (U) Sp 367. **Production of School and Community Plays.** 3 hours.
Designed primarily to familiarize teachers with the elementary problems of play production. Clifford. MWThF, 9:00 a.m., Room 6.
- (U) Sp 370. **Phonetics.** 3 hours.
Study of sounds used in speech. Determination of sounds; their symbolic nature; their production; physical and psychological problems involved in their perception; sectional differences. Roberts. MTuThF, 10:00 a.m., Room 16.

- (U) Sp 482. **Speech Defects and Disorders.** (G) 3 hours.
Second term: Emphasis on cleft-palate and spastic speech, aphasia, stuttering, and neurological speech disorders. Pennington. MWThF, 9:00 a.m., Room 17.
- (U) Sp 483. **Clinical Methods in Speech Correction.** (G) 3 hours.
Study of specific approaches and techniques in the treatment of the major speech defects, including functional articulatory difficulties, cleft-palate speech, stuttering, and neurological speech disorders. Pennington. MTuWF, 11:00 a.m., Room 17.
- (U) Sp 484, 485, 486. **Clinical Practice in Speech Correction.** (G) 2 hours each.
Actual case experience for student clinicians in the diagnosis and treatment of speech-defective children and adults, under supervision. Any two hours between 1:00 and 4:00 p.m. for actual clinical practice, four days a week. Dawson, Pennington. MTuWTh; 12:00 m.-3:00 p.m., Room,17.

Transition Program

Portland Public Schools

The courses listed below are open to inexperienced, beginning teachers under contract to teach in the Portland Public Schools. The Portland Summer Session office will not accept applications for this group of courses.

- Ed 455s. Primary Education Workshop. 3 hours.
Ed 457a. Intermediate Education Workshop. 3 hours.
Ed 415. Supervised Teaching. 3 hours.
Ed 478. Improvement of Instruction in Reading. 3 hours.
Psy 261. Child Growth and Development. 3 hours.

1952
Portland Summer Session
Faculty

- CHARLES DAVID BYRNE, Ed.D.**
Chancellor, Oregon State System of Higher Education.
- JOHN FRANCIS CRAMER, D.Ed.**
Dean, General Extension Division; Director of Summer Sessions, Oregon State System of Higher Education.
- JAMES C. CAUGHLAN, Ph.D.**
Assistant Dean, General Extension Division; Director, Portland Summer Session; Professor of Education.
- VIRON A. MOORE, M.S.**
Assistant Dean, General Extension Division, Oregon State System of Higher Education.
- ERRETT HUMMEL, Ed.D.**
Assistant Professor of Education; Administrative Assistant, General Extension Division.
- STEPHEN E. EPLER, Ph.D.**
Director, Vanport Extension Center; Professor of Education.
- MARGARET M. SHARP**
Director, Portland Extension Center.
- CLIFFORD L. CONSTANCE, M.A.**
Registrar, University of Oregon and Portland Summer Session.
- JEAN P. BLACK, Ph.D.**
Librarian, General Extension Division.
- DOROTHY A. JOHNSON, M.Ed.**
Librarian, Grant High School, Portland.
- LOUIS F. JUDKINS, B.J.**
Manager, Information Services; Instructor in Journalism, General Extension Division.
- LESLIE B. NEWHOUSE, M.B.A.**
Business Manager; Assistant Professor of Business Administration, Vanport Extension Center.
- THELMA O. BAIRD**
Secretary of Summer Sessions, General Extension Division.
- MARY A. SCHECHER, R.N.**
Student Health Nurse, Portland Summer Session.
-
- CURTIS E. AVERY, M.A.**
Professor of Education, University of Oregon; Director, E. C. Brown Trust.
- D. HOWARD BACKLUND, M.Ed.**
Instructor in Secretarial Science, General Extension Division.
- BERNICE BAXTER, Ph.D.**
Director-Education in Human Relations, Oakland Public Schools, California.
- GRACE BENTALL, M.A.**
Remedial Reading Consultant, Portland Public Schools.
- HAROLD W. BERNARD, Ph.D.**
Associate Professor of Education, General Extension Division.
- JUDAH BIERMAN, Ph.D.**
Assistant Professor of English, General Extension Division.

- FRANK EDWARD BISHOP, D.Ed.**
Associate Professor of Education, University of Redlands, California.
- RUTH E. BOND, M.Ed.**
Instructor, Portland Public Schools.
- JULIO L. BORTOLAZZO, Ed.D.**
Superintendent of Schools, Lake Oswego Public Schools.
- ROBERT D. BOYD, M.A.**
Chief Psychologist, Community Child Guidance Clinic, Portland.
- KARLIN M. CAPPER-JOHNSON, M.A.**
Visiting Professor of International Relations and History, Lewis and Clark College.
- HERBERT E. CHILDS, Ph.D.**
Professor of English, Oregon State College.
- DOROTHY CLIFFORD, M.A.**
Assistant Professor of English and Drama, General Extension Division.
- PERCY M. COLLIER, B.A., LL.B.**
Associate Professor of English, General Extension Division.
- THOMAS A. COTTINGHAM, Ed.D.**
Principal, Ardenwald School, Milwaukie, Oregon.
- DON B. CRAMER, M.A.**
Chief, Division of Training and Treatment, California Youth Authority, State of California.
- CARL E. W. L. DAHLSTROM, Ph.D.**
Assistant Professor of English, General Extension Division.
- MYRTLE HOLTBY DAWSON, M.E.**
Consultant in Speech and Hearing, Special Education Division, Department of Child Services, Portland Public Schools.
- FRANK F. EATON, J.U.D.**
Instructor in German, General Extension Division.
- MARY D. FITE, Ph.D.**
Psychologist, Multnomah County Health Department.
- MICHAEL J. FLACH, M.A.**
Lecturer in International Relations, University of Oregon and General Extension Division.
- HOYT C. FRANCHERE, Ph.D.**
Associate Professor and Supervisor of English Studies, General Extension Division.
- MARCIA FREEMAN, B.S.**
Consultant-Supervisor, Portland Public Schools.
- ALLAN A. GIBB, Ed.D.**
Assistant Professor of Mathematics, General Extension Division.
- ALMA M. GLOECKLER, M.A.**
Elementary Assistant, Oakland Public Schools, California.
- MARGARET M. GREENSLADE, B.S.**
Instructor in Physical Education, General Extension Division.
- ROBERT B. HAAS, Ph.D.**
Head, Education Extension, University of California.
- C. VAN HENKLE, A.B.**
School Specialist in Visual Instruction, Department of Visual Instruction, General Extension Division.
- E. HUGH HINDS, M.A.**
Instructor in Business Administration, General Extension Division.
- GEORGE C. HOFFMANN, Ph.D.**
Assistant Professor of History, General Extension Division.

- JOSEPH V. HOLLAND, M.Ed.**
Assistant Professor of Health and Physical Education, General Extension Division.
- DORIS F. HOLMES, M.A.**
Lecturer in Elementary Education, Queens College, Flushing, New York.
- RUTH E. HOPSON, Ph.D.**
Associate Professor of General Science, General Extension Division.
- C. WARREN HOVLAND, Ph.D.**
Assistant Professor of Philosophy and Religion, Oregon State College.
- MILDRED C. IVERSON, M.A.**
Medical Social Work Consultant, Crippled Children's Division, University of Oregon Medical School.
- CLYDE R. JOHNSON, Ph.D.**
Assistant Professor of Chemistry, General Extension Division.
- LEEVERN R. JOHNSON, M.B.A.**
Assistant Professor of Business Administration, University of Oregon.
- MARION JORDALEN, Ed.D.**
Music Consultant, Sacramento County, Sacramento, California.
- HARRY L. KEATS, M.A.**
Supervisor, Special Education, Portland Public Schools.
- ERIC CHARLES KOLLMAN, Ph.D.**
Professor of History, Cornell College, Mount Vernon, Iowa.
- ERWIN F. LANCE, Ed.D.**
Assistant Professor of Chemistry, General Extension Division.
- DANIEL W. LANGSTON, Ed.D.**
Director of Child Services, Portland Public Schools.
- SHERMAN P. LAWTON, Ph.D.**
Professor of Radio and Coordinator of Broadcasting Instruction, University of Oklahoma, Norman, Oklahoma.
- ELLA G. LITCHFIELD, M.A.**
Assistant Professor of English, General Extension Division.
- MIRIAM MCGREW, M.A.**
Assistant Professor, Home Arts, Pennsylvania State College.
- JAMES A. MACNAB, Ph.D.**
Assistant Professor of Biology, General Extension Division.
- BERNICE MADISON, M.A.**
Assistant Professor, Department of Sociology, University of Oregon.
- LAWRENCE N. MARX, Ph.D.**
Associate Professor of Psychology, University of Oregon.
- F. EUGENE MELDER, Ph.D.**
Associate Professor of Economics and Sociology, Clark University, Worcester, Massachusetts.
- JENNELLE V. MOORHEAD, M.S.**
Associate Professor of Health Education, University of Oregon and General Extension Division.
- CARL MORRIS**
Artist, Portland Art Museum.
- CARL V. MORRISON, M.D.**
Director, Community Child Guidance Clinic, Portland.
- W. G. MYATT, M.A.**
Associate Professor of Geography, Oregon State College.
- HAZEL R. NEWHOUSE, M.A.**
Instructor, Portland Extension Center.
- AMOS E. NEYHART, M.S.**
Administrative Head, Institute of Public Safety, Pennsylvania State College; Consultant on Driver Education, American Automobile Association.

- BENJAMIN J. NOVAK, Ed.D.**
Murrell Dobbins Vocational Technical School, Philadelphia; Lecturer, Temple University.
- ELEANOR E. PALMQUIST, M.A., R.N.**
Associate Professor; Assistant Director in charge of Public Health Nursing Program, University of Oregon Medical School.
- K. ELLSWORTH PAYNE, B.A.**
Instructor in Chemistry, General Extension Division.
- R. CORBIN PENNINGTON, Ph.D.**
Associate Professor, Speech Department, City College of New York.
- GERTRUDE PETERSON, M.P.H.**
Assistant Professor, Public Health Nursing Program, University of Oregon Medical School.
- VICTOR NEWTON PHELPS, D.Ed.**
Associate Professor of Education, General Extension Division.
- HAL RIEGGER, M.A.**
Designer and Technician, Instructor in Ceramics, Portland Art Museum.
- FRANK L. ROBERTS, Ph.M.**
Assistant Professor of Speech, General Extension Division.
- HUGH M. SHAFER, Ph.D.**
Associate Professor of Education, University of Pennsylvania.
- PHILIP W. SOUERS, Ph.D.**
Professor of English; Head of Department, University of Oregon.
- HENRY EUGENE STEVENS, D.Ed.**
Professor of Education, General Extension Division; Graduate Adviser, Portland Extension Center.
- HUGH STOUT, B.A.**
Manager, Portland Teachers Credit Union.
- VICTOR C. STRASH, M.A.**
Assistant Professor of Slavic Languages, University of Oregon.
- FREDERICK WILLIAM VOGET, Ph.D.**
Assistant Professor of Anthropology, McGill University, Montreal, Canada.
- RICHARD B. WALTON, B.A.**
Assistant Professor of Physics, General Extension Division.
- MARSHALL D. WATTLES, Ph.D.**
Assistant Professor of Economics, University of Oregon.
- LORETTA A. WAWRZYNIAK, M.A.**
Instructor in Romance Languages, University of Oregon.
- ERMA M. WEIR, M.S.**
Assistant Professor of Physical Education, Oregon State College.
- WARREN W. WILCOX, Ph.D.**
Assistant Professor of Psychology, General Extension Division.
- MARIAN ZOLLINGER, M.A.**
Supervisor of Language Arts, Portland Public Schools.

Schedule of Classes

8:00 a.m.

<i>Number</i>	<i>Course Title</i>	<i>Instructor</i>	<i>Room</i>
Anth 207.	Introduction to Cultural Anthropology, TuWThF	Voget	114
BA 111.	Constructive Accounting, TuWThF	Hinds	11
Ec 417.	Contemporary Economic Problems (G) TuWThF	Melder	101
Ed 344, 345, 346.	Physical Education in the Elementary Grades, TuWThF	Greenalade	Gym
Ed 429.	Use of Social-Agency Resources by Teachers, TuWThF	Madison	208
Ed 435.	Audio-Visual Aids. (Section I.) (G) TuWThF	Lawton	A-B
Ed 460.	Psychology of Childhood. (G) TuWThF	Langston	201
Ed 462.	Psychology of Exceptional Children. (G) TuWThF	Keats	218
Ed 463.	The Maladjusted Child. (G) TuWThF	Morrison	1
Ed 465.	Diagnostic and Remedial Techniques (G) TWThF	Phelps	15
Ed 478.	Improvement of Instruction in Reading. (G) TuWThF	Zollinger	2
Ed 486.	Occupational and Educational Information. (G) TuWThF	Novak	206
Ed 508.	Curriculum Workshop, Daily, 8:00 a.m. to 12:00 m.	Baxter	13
Ed 546.	Philosophy of Education, TuWThF	Hovland	202
Ed 572.	Public School Administration, TuWThF	Shafer	204
Ed 574.	School Supervision, TuWThF	Bortolazzo	9
Ed 575.	School Finance, TuWThF	Cottingham	203
Eng 201.	Shakespeare. (First term) TuWThF	Childs	102
Eng 388.	Children's Literature. (Section I) TuWThF	Bond	106
GL 1, 2.	First-Year German, Daily 8:00-10:00 a.m.	Eaton	7
SL 14.	Second-Year Russian, Daily	Strash	308
Hst 448.	Soviet Union. (G) TuWThF	Kollman	315
PS 201.	American Governments, TuWThF	Flach	3
Psy 201.	General Psychology. (First term) TuWThF	Wilcox	323
Psy 261.	Child Growth and Development, TuWThF	Langston	201
Psy 411.	Psychology of Infancy and Childhood. (G) TuWThF	Langston	201
Psy 431.	Clinical Methods in Psychology. (G) TuWThF	Boyd	301
Soc 407, 507.	Seminar: Teacher's Use of Social Agencies, TuWThF	Madison	208

9:00 a.m

A 217.	Lettering, Th	McGrew	317
A 218.	Crafts, MWF	McGrew	317
BA 112.	Constructive Accounting, TuWThF	Hinds	11
BA 407.	Seminar in Business Problems: Credit Unions. (G) MWThF	Stout	3
Ec 507.	Seminar: Industrial Relations, MWThF	Melder	114
Ed 313.	Principles of Teaching, MWThF	Bortolazzo	205
Ed 440.	History of Education. (G) MWThF	Epler	206
Ed 507.	Seminar: Radio Education, MWThF	Lawton	A-B
Ed 553.	Elementary-School Curriculum, MWThF	Holmes	1
Ed 561.	Advanced Educational Psychology, MWThF	Bernard	324
Ed 576.	School Buildings, MWThF	Hummel	2

<i>Number</i>	<i>Course Title</i>	<i>Instructor</i>	<i>Room</i>
Eng 262.	Survey of American Literature. (Second term) MWThF	Childs	102
Eng 388.	Children's Literature. (Section II) MWThF	Bond	106
Eng 396.	Twentieth Century Literature. (Third term) MWThF	Franchere	101
PE 411.	Physical Education Workshop. (g) MTuThF	Greenslade, Holland	1G
Hst 507.	Seminar: Germany in the Twentieth Century: Selected Problems. MWThF	Kollman	315
J 360.	General Journalism. MWThF	Judkins	308
PS 420.	International Organization. (G) MWThF	Capper-Johnson	201
PS 491.	Democracy and Dictatorship. (G) MWThF	Flach	204
Psy 202.	General Psychology. (Second term) MWThF	Wilcox	323
Psy 432.	Clinical Psychology. (G) MWThF	Boyd	301
Ch 104.	General Chemistry. Daily	Johnson	303, 306
Sc 101.	Biological Science Survey. MTuThF	Macnab	311
Ph 201.	General Physics. Daily	Walton	D
Sc 201.	Foundations of Physical Science. MTuThF	Payne	C
Soc 407, 507.	Seminar: Problems of Child Welfare. MWThF	Madison	208
Sp 367.	Production of School and Community Plays. MWThF	Clifford	6
Sp 482.	Speech Defects and Disorders. (G) MWThF	Pennington	17

10:00 a.m.

A 211.	Art Structure I. MTuThF		322
BA 113.	Constructive Accounting. TuWThF	Hinds	11
BA 425.	Real-Estate Fundamentals. (G) MTuThF	Johnson	3
Ec 440.	International Trade and Economic Policies. (G) MTuThF	Wattles	101
Ed 359.	Intermediate and Upper-Grade Education. Daily	Freeman	2
Ed 467.	Applied Mental Hygiene. MTuThF	Bernard	324
Ed 507.	Seminar: Foundations of Education. MTuThF	Stevens, staff	202
Ed 507.	Seminar: Teaching High-School English. MTuThF	Franchere	208
Ed 517.	Statistical Methods in Education. MTuThF	Gibb	205
Ed 527.	Secondary-School Administration and Supervision. MTuThF	Shafer	204
Ed 577.	Counselor Training: Group Procedures. MTuThF	Novak	206
Eng 107.	World Literature. (First term) MTuThF	Litchfield	218
Eng 425.	Late Medieval Literature. (G) MTuThF	Souers	201
Eng 211.	Vocabulary Building. MTuThF	Collier	102
RL 1, 2.	First-Year French. 10:00 to 12:00 m., Daily	Wawrzyniak	301
SL 311.	Russian Literature. (First term) MTuThF	Straah	4
Geog 432.	Geography of Africa. (G) MTuThF	Myatt	106
GS 311.	Natural History of Oregon. (First term) MTuThF	Hopson	308
PE 412.	Physical Education Workshop. (g) MTuThF	Greenslade	1G
Mus 282.	Music II. Music Reading and Ear Training. MTuThF	Jordalen	6
R 462.	Judaism and Christianity. (g) MTuThF	Hovland	114
Psy 411.	Mental Hygiene. (g) MTuThF	Bernard	324
Psy 450.	Abnormal Psychology. (G) MTuThF	Marx	323
Ch 105.	General Chemistry. Daily	Johnson	303, 306
Sc 102.	Biological-Science Survey. MTuThF	Macnab	311
Ph 202.	General Physics. Daily	Walton	D
Sc 202.	Foundations of Physical Science. MTuThF	Payne	C
Sp 370.	Phonetics. MTuThF	Roberts	16

SCHEDULE OF CLASSES

41

<i>Number</i>	<i>Course Title</i>	<i>Instructor</i>	<i>Room</i>
11:00 a.m.			
Anth 451.	Cultural Dynamics. (G) MTuWF	Voget	101
SS 121.	Typing. Daily	Backlund	5
Ed 351.	Health Education. MWF	Holland	4G
Ed 354.	Introduction to Education. MTuWF	Gibb	205
Ed 358.	Primary Education. Daily	Gloeckler	2
Ed 380.	Elementary-School Library. MWF	Bond	102
Ed 408a.	Methods and Materials: Art Education. (G) MTuWF	McGrew	317
Ed 408L.	Methods and Materials: Language Arts. (G) MTuWF	Zollinger	11
Ed 409.	Psycho-Educational Clinic. (G) MTuWF	Bentall, Phelps	9
Ed 418.	Elementary Tests and Measurements. (G) MTuWF	Cottingham	206
Ed 424.	Measurements in Education. (G) MTuWF	Cottingham	206
Ed 435.	Audio-Visual Aids. (G) (Section II) MTuWF	Henkle	A-B
Ed 473.	Administration of Elementary School. (G) MTuWF		9
Ed 493a.	Utilization of Regional Resources. (G) MTuWF	Hopson	308
Ed 507.	Seminar: Foundations of Education. MTuThF	Stevens, staff	202
Ed 512.	Research Procedures in Education. MTuWF	Caughlan	103
Ed 522.	Secondary-School Curriculum. MTuWF	Shafer	6
Eng 102.	Survey of English Literature. (Second term) MTuWF	Bierman	3
Eng 444.	Milton. (G) MTuWF	Souers	201
Mth 100.	Intermediate Algebra. Daily	Eaton	7
SSc 411.	Contemporary Problems. (First term) MTuWF	Hoffmann	106
PE 413.	Physical Education Workshop. (g) MTuThF	Greenslade	1G
Hst 445.	Europe Since 1939. (G) MTuWF	Kollman	315
Phl 202.	Introduction to Philosophy. (Second term) MTuWF	Hovland	114
Psy 208.	General Psychology Laboratory. MTuWF	Wilcox	324
Psy 407, 507.	Seminar: Individual Differences Applied to Education. MTuWF	Marx	323
Ch 106.	General Chemistry. Daily	Johnson	303, 306
Sc 103.	Biological Science Survey. MTuThF	Macnab	311
Ph 203.	General Physics. Daily	Walton	D
Sc 203.	Foundations of Physical Science. MTuThF	Payne	C
Soc 205.	General Sociology. (Second Term) MTuWF	Melder	1
Soc 417.	Juvenile Delinquency. (G) MTuWF	Madison	208
Sp 483.	Clinical Methods in Speech Correction. (G) MTuWF	Pennington	17
12:00 m.			
Anth 507.	Seminar: Cultural Integration. MTuWTh	Voget	114
A 311.	Art Structure III. MTuWTh		322
BA 221.	Elements of Organization and Production. MTuWTh	Johnson	3
Ed 312.	Educational Psychology. MTuWTh	Bernard	202
Ed 435.	Audio-Visual Aids. (G) (Section III) MTuWTh	Henkle	A-B
Ed 485.	Principles and Practices of Guidance Services. (G) MTuWTh	Novak	206
Eng 108.	World Literature. (Second term) MTuWTh	Litchfield	205
Eng 412.	English Drama. (Second term) (G) MTuWTh	Dahlstrom	208
Wr 111.	English Composition. (First term) MTuWTh	Bierman	201
SL 11, 12.	First-Year Russian. 12 m. to 2:00 p.m., Daily	Strash	2
Geog 107.	Introductory Geography. (Third Term) M TuWTh	Myatt	301
Mus 283.	Music III. Music Education. MTuWTh	Jordalen	6
PS 407, 507.	Seminar: The Development of Nationalism. MTuWTh	Capper-Johnson	101

<i>Number</i>	<i>Course Title</i>	<i>Instructor</i>	<i>Room</i>
PS 407, 507.	Seminar: World Problems; Politics Among Nations. MTuWTh	Flach	106
Psy 209.	General Psychology Laboratory. MTuWF	Wilcox	324
Ch 226, 227.	Organic Chemistry. MTuWTh, 12:00 m.-3:00 p.m.	Lange	306
Sp 111.	Fundamentals of Speech. (First Term) MTuWTh	Collier	102
Sp 484, 485, 486.	Clinical Practice in Speech Correction. (G) MTuWTh	Dawson, Pennington	17

1:00 p.m.

A 221.	Color Expression. TuWThF		322
BA 222.	Elements of Finance. TuWThF	Johnson	3
SS 122, 123.	Typing. Daily	Backlund	5
Ec 201.	Principles of Economics. (First term) TuWThF	Wattles	101
Ed 311.	Secondary Education in American Life. TuWThF	Stevens	201
Ed 316.	Oregon School Law and System of Education. TWF	Cottingham	206
Ed 408m.	Methods and Materials in Public School Music. (G) TuWThF	Jordalen	6
Ed 408s.	Methods and Materials: Elementary-School Science. (G) TuWThF	Hopson	308
Ed 461.	Adolescence: Growth and Development of the Individual. (G) TuWThF	Marx	323
Ed 493.	Observation and Evaluation of Teaching. (G) TuWThF	Freeman	2
Ed 556.	Higher-Education Survey. TuWThF	Epler	114
Eng 101.	Survey of English Literature. (First term) TuWThF	Dahlstrom	202
Eng 428.	Chaucer. (G) TuWThF	Souers	102
Wr 112.	English Composition. (Second term) TuWThF	Litchfield	205
RL 11, 12.	First-Year Spanish. 1:00 to 3:00 p.m. Daily	Wawrzyniak	301
Geog 329.	Geography of North America. TuWThF	Myatt	204
Geog 429.	Geography of North America. (G) TuWThF	Myatt	204
PE 406.	Special Problems: Foreign Folk Dance. TuWThF	Weir	Gym
PE 551.	Administration of Physical Education. TuWThF	Holland	4G
Hst 379.	American History and Government. TuWThF	Hoffmann	315
Mth 211.	Foundations of Mathematics. TuWThF	Gibb	11
Psy 210.	General Psychology Laboratory. MTuWF	Wilcox	324
Psy 412.	Psychology of Adolescence. (G) TuWThF	Marx	323

2:00 p.m.

Wr 113.	English Composition. (Third Term) MTuWTh	Bierman	201
Hst 377.	Oregon History. MWF	Hoffmann	315

One-Week Courses

IE 412.	Driver Education and Training. Daily, 8-12 and 1-5 (August 18-22)	Neyhart	202
Ed 407s.	Seminar: Parent-Teacher Organization. Daily, 9:30-12 and 1:00-3:30 (August 18-22)	Moorhead	205
PE 345s.	American Folk Dance Technique. Daily, 9:00-12; 1:30-4:30; 7:30-10:30 (June 16-21)	Weir	Hayloft

Two-Week Courses

Ed 507.	Seminar: Youth Problems. Daily, 1:00-5:00 (July 7-18)	Cramer	208
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SCHEDULE OF CLASSES

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<i>Number</i>	<i>Course Title</i>	<i>Instructor</i>	<i>Room</i>
Ed 407, 507.	Seminar: School Health Problems. (July 21-August 1)	Palmquist	

Four-Week Courses

June 23-July 18 (First four weeks)

Ed 408ss.	Methods and Materials: Workshop in Geography. (G) Daily, 1:00-4:00 p.m.	Newhouse	13
Ed 566.	Curriculum Construction. Daily 9:00-11:00 a.m.		9
Ed 567.	Curriculum Materials. MTuWF, 11:00-1:00	Lawton	218
Ed 573.	Public-School Organization. MWThF, 9:00-11:00	Bishop	203

July 21-August 15 (Second four weeks)

Ed 474.	Supervision of the Elementary School. (G) MTuThF 9:00-11:00		9
Ed 507.	Seminar: Sociology of Childhood. MTuWTh, 1:00-3:00	Haas	13
Ed 508.	Workshop in Family Life Education. MTuWTh, 11:00-1:00	Avery	218
Ed 552.	Elementary-School Problems. MTuWF, 11:00-1:00	Holmes	204

Six-Week Courses

AA 255.	Lower-Division Ceramics. (June 23-July 31) MTuWTh, 1:00-4:00, Art Museum	Riegger	
AA 290.	Lower-Division Painting. (June 23-July 31) MTu- WTh, 9:00-12:00, Art Museum	Morris	

Oregon State System of Higher Education

The Oregon State System of Higher Education, as organized in 1932 by the State Board of Higher Education following a federal survey of higher education in Oregon, includes all the state-supported institutions of higher learning. The several institutions are now elements in an articulated system, parts of an integrated whole. The educational program is so organized as to distribute as widely as possible throughout the state the opportunities for general education and to center on a particular campus specialized, technical, and professional curricula closely related to one another.

The institutions of the State System of Higher Education are the University of Oregon at Eugene, Oregon State College at Corvallis, the Oregon College of Education at Monmouth, the Southern Oregon College of Education at Ashland, and the Eastern Oregon College of Education at La Grande. The University of Oregon Medical School and the University of Oregon Dental School are located in Portland.

Each of the five institutions provides the general studies fundamental to a well-rounded education. At the three colleges of education general and professional studies are combined in the teacher-training curriculum; students who do not plan to become elementary-school teachers may devote their time exclusively to lower-division studies in the liberal arts and sciences or (at Southern Oregon and Eastern Oregon colleges of education) to approved lower-division programs in semiprofessional fields.

At the University and the State College two years of unspecialized work in liberal arts and sciences are provided on a parallel basis in the lower division. Major curricula, both liberal and professional, are grouped on either campus in accordance with the distinctive functions of the respective institutions in the unified State System of Higher Education.

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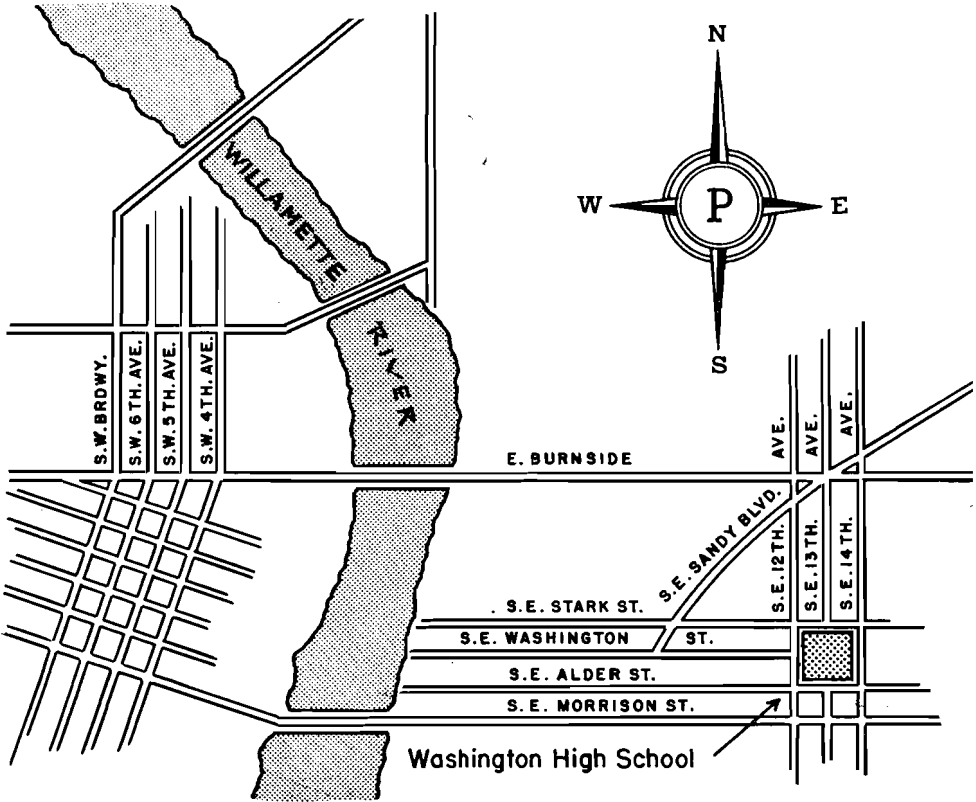
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For further information or catalogs, write Department of State-Wide Services, General Extension Division, Eugene, Oregon.

**Location of the 1952 Portland Summer Session
Washington High School Building**

531 S. E. 14th Avenue



From N.E. area the Sandy, Beaumont and 33rd Street busses are routed near Washington High School.

From the S.E. area the Hawthorne and Foster busses serve Washington High School.

WESTSIDE BUSINESS AREA

From the westside the Burnside and Mt. Tabor busses are routed near Washington High School