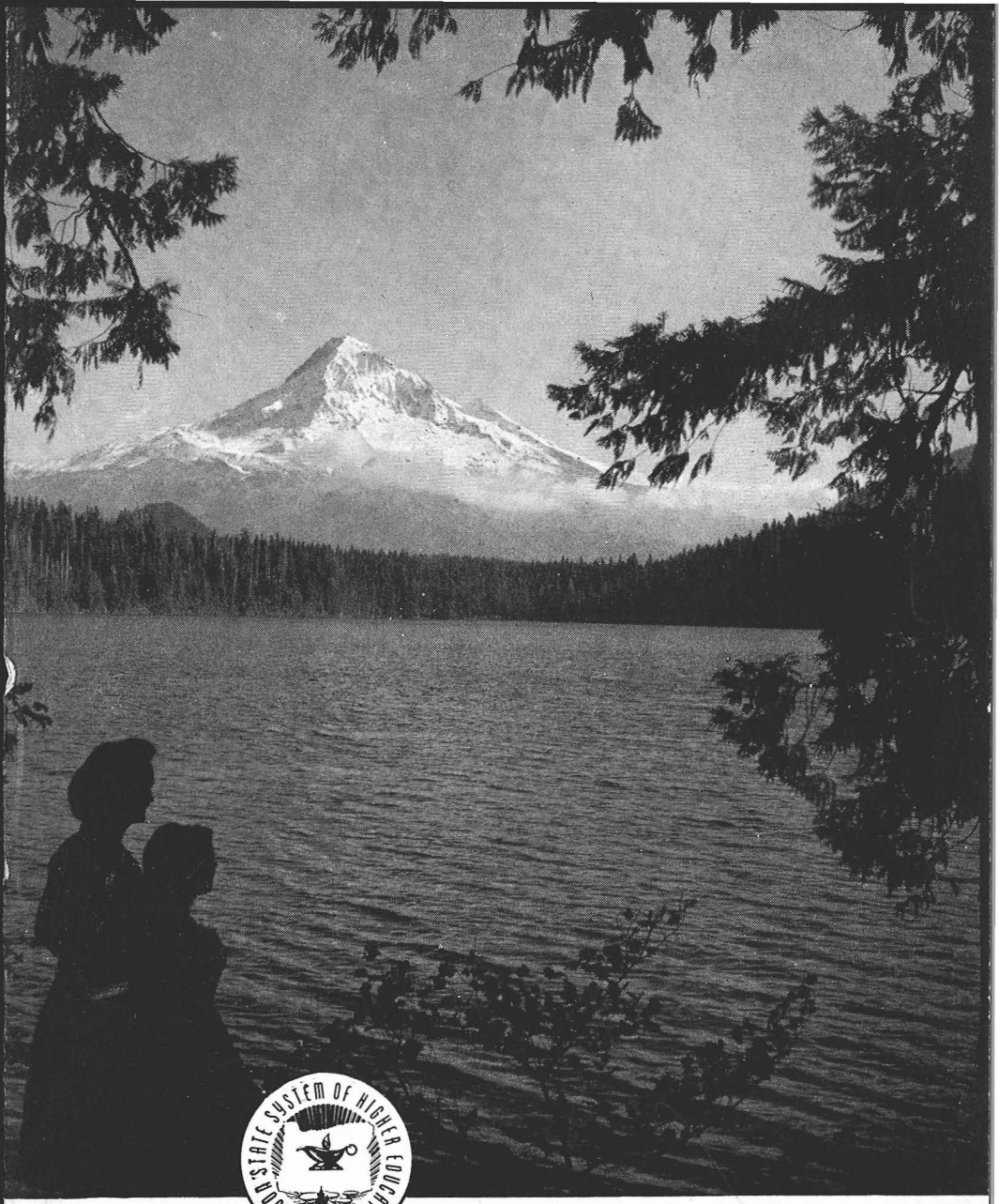

GENERAL EXTENSION DIVISION

BULLETIN

1951

PORTLAND SUMMER SESSION

JUNE 18 to AUGUST 10 ☆ PORTLAND, OREGON

OREGON STATE SYSTEM OF HIGHER EDUCATION

General Extension Division
BULLETIN
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Portland Summer Session

of the

University of Oregon, Oregon State College

Oregon College of Education

Southern Oregon College of Education

Eastern Oregon College of Education

Eight-Week Session

June 18 - August 10

1951

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1951
Portland Summer Session
Calendar

June 11-15, *Monday* to *Friday*. Preregistration at Lincoln High School.

June 18-19, *Monday* and *Tuesday*. Registration at Lincoln High School.

June 18-21 and 25-27. Evening Lecture Series sponsored by the Oregon Alcohol Education Committee and the Portland Summer Session.

June 20, *Wednesday*. Last day for undergraduates to register without payment of late fees.

June 22, *Friday*. Last day for graduate students to register without payment of late fees.

June 25, *Monday*. Last day for adding a course or for changing from audit to credit.

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

July 13, *Friday*. Last day to withdraw from a course or to change from credit to audit.

August 2-3, *Thursday* and *Friday*. Institute of Labor and Management Relations.

August 9-10, *Thursday* and *Friday*. Final examinations.

August 10, *Friday*. Portland Summer Session ends.

General Information

The thirty-fourth Portland Summer Session will consist of day classes for eight weeks, from June 18 to August 10. The offerings 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 a part of this organization, the Portland Summer Session draws upon 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, the student 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 or the State College at Corvallis 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 11, the office of the director of the Portland Summer Session will be in the Lincoln High School building at 1620 S.W. Park Avenue, and all administrative details will be handled from that location.

Most of the summer classes will meet at Lincoln High School. Some classes will be held in other buildings and are so listed in the course description.

REGISTRATION. Facilities for registering will be available in Lincoln High School after June 11, and students who wish may complete their registration the week of June 11-15. Those who do not find this convenient may register Monday or Tuesday, June 18 or 19. Undergraduates registering after Wednesday, June 20, and graduate students registering after Friday, June 22, 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.

ADMISSION AND DEGREES. 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 or the State College, or for a certificate from one of the colleges of education, must satisfy the regular entrance require-

ments of the State System of Higher Education and file a complete official transcript, covering all work taken above the eighth 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.

Filing of credentials is not required of students who wish to transfer undergraduate credits earned in the Portland Summer Session to a university, college, or teachers college outside the Oregon State System of Higher Education.

Further information concerning admission, advanced standing, transfer of credits, and graduation requirements may be obtained from the registrars of the institutions.

ACADEMIC CREDIT. Students may earn 12 term hours of credit in the eight-week session. Undergraduates may petition for permission to carry 13 hours, if necessary to work out individual schedules. No exception to the 12-hour maximum is permitted for graduate students.

GRADUATE CREDIT. In the Portland Summer Session and the Portland Extension Center, a graduate student may complete all requirements for the degree of Master of Arts (General Studies), except for a 12-hour campus residence requirement at the University of Oregon. All work required for the Master of Education degree may be completed in Portland, except 12 term hours, which must be completed in residence on the University or State College campus. Fifteen term hours of work toward the Master of Arts (departmental), Master of Science, or Master of Science in General Studies degree 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 is required. A well-integrated program is planned for each individual for the purpose of improving his educational service as a teacher, supervisor, or administrator. Each program embraces two major fields or areas of study: (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 elementary or secondary education. The degree will be conferred by the University of Oregon or Oregon State College.

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 another institution should send undergraduate transcripts in advance to the registrar of the University of Oregon at Eugene or to the registrar of Oregon State College at Corvallis, or bring copies with them.

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. (G) following the name of a 400 course indicates that the course may be taken for graduate credit. Graduate courses are numbered 500-599.

TEACHER CERTIFICATION PROGRAMS. 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 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 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 1951 for a continuing program in summer sessions under government benefits, a teaching veteran must be actively employed for the 1950-51 school year; must be enrolled in a summer program on or before July 25; and must be employed as a teacher for the 1951-52 school year. Enrollment in succeeding summer sessions then 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-five 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 at St. Helen's Hall, near Lincoln High School, 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 WORKSHOPS. Workshops in primary, intermediate, and secondary education will be available. A limited number of teachers may enroll in workshops in these areas held in cooperation with the Portland Public Schools (see page 32). In addition, an eight-week curriculum workshop will be held. This workshop will provide opportunities for experienced teachers to work on curriculum problems for grades one through twelve (see page 32).

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.

HEALTH-EDUCATION WORKSHOP. A workshop for health teachers in the public schools based on the Oregon manuals in health instruction will be given daily for eight weeks, carrying 9 hours credit. This workshop will cover all units of the Oregon course of study.

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 Lincoln High School, July 23-27. 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.

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.

Other General Extension Facilities

The General Extension Division offers evening classes during the fall, winter, and spring terms through the Portland 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 Center faculty and by specialists in business and the professions. The Portland Center office is at 207 Education Center Building, 220 S. W. Alder Street. The 1951 fall term will open September 17.

Summer-session students may frequently find a schedule of correspondence courses through which to continue their program of study after the close of summer session. More than three hundred correspondence courses are available through the General Extension Division.

VANPORT EXTENSION CENTER. This Center brings to Portland much of the first two years of college and university work offered by the State System through the University of Oregon, Oregon State College, and the colleges of education. Detailed information may be obtained from Vanport Extension Center, North Burgard, Portland 3, Oregon (telephone UNiversity 1605).

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:

Regular students, regular fees (tuition not included)	$55.00
Part-time students and auditors, registering for not more than 6 hours (per credit hour)	7.00
Short courses and workshops	Same as part-time students
Late-registration fee (due after third day of session)	1.00 to 3.00
(Undergraduate students, $1.00 for each day after 4 P.M., June 20, to a maximum of $3.00; graduate students the same charge after Friday, June 22)	
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 20.....Refund of all fees over $ 5.00
Withdrawal before close of business June 29.....Refund of all fees over 13.75
Withdrawal between June 30 and July 13.....Refund of all fees over 27.50
Withdrawal after July 13.....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 760,749 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 Lincoln High School Library (Room 217). The Summer Session Library will be open daily, except Saturday and Sunday, from 7:30 A.M. until 4:30 P.M., and on Tuesday and Thursday evenings from 7:00 until 10:00 P.M.

TEXTBOOKS. Textbooks are not listed in this catalog but will be announced by instructors at the first meeting of their classes. The cooperative bookstore of Vanport Extension Center will operate a Summer Session Bookstore in Room 13 of Lincoln High School, which will be able to supply all textbooks assigned by instructors.

LUNCHROOM. The cafeteria is located on the ground floor of Lincoln High School, and it will be open for breakfast and luncheon Monday through Friday. Breakfast will be served beginning at 7:30 A.M.

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 Lincoln Building. 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

PUBLIC-SERVICE PROGRAMS. Two public-service features have been added to the 1951 Portland Summer Session.

The Oregon Alcohol Education Committee and the Portland Summer Session will present a series of evening lectures in the Lincoln High School auditorium June 18-21, inclusive, and June 25-27, inclusive. The series has been arranged through the program of Alcohol Studies at Oregon State College and will offer discussions by outstanding authorities on alcohol education. No registration fee is required.

An Industrial Relations Conference, sponsored jointly by the Portland Summer Session, the University of Oregon, and a Portland committee of labor and management, will be given in a series of day and evening lectures and panel discussions, August 2 and 3. Labor and management will bring nationally recognized leaders in each field to participate. A nominal registration fee will be required. Summer-session students will be able to correlate this conference with regular courses for credit.

RECREATION. The recreational facilities of the metropolitan Portland area and of the neighboring Oregon mountains and coast offer summer students unlimited opportunities for pleasant hours. The Portland Art Museum, theaters, parks, golf courses, and playgrounds attract many, and the Pacific beaches and mountain resorts are easily accessible. A limited number of organized trips and recreational activities will be sponsored by the summer-session staff.

Description of Courses

Anthropology

Visiting Faculty: SMITH.

(U) Anth 209. **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. MWThF, 9:00 a.m., Room 201.

(U) Anth 411. **Problems of Race and Culture.** (G) 3 hours.

The nature and distribution of races; the criteria for racial groupings; racial differences and similarities, psychological and physical; the question of racial superiority; the problem of race prejudice. MTuWF, 11:00 a.m., Room 201.

(U) Anth 507. **Seminar: Problems of Community Organization.** 3 hours.

A survey and analysis of community studies from various parts of the world made by anthropologists for the use of applied social sciences. Studies of the Navaho, Hopi, American minority groups, South African groups, South and Central American Indian communities. TuWThF, 1:00 p.m., Room 201.

Art

Instructor: SCHUKART.
Visiting Faculty: CASH, MILLER, RIEGGER, WILEY.

(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. Schukart. MTuWTh, 12:00 m. Room 315.

(C) A 212. **Art Structure II.** 3 hours.

Principles of design, structural and decorative; application through various media, foundation material for design in school work. Prerequisite: A 211, or consent of instructor. Miller, Cash. TuWThF, 1:00 p.m. Room 316.

(C) A 218. **Creative Crafts for Children.** 3 hours.

Creative problems developed in the course involve inexpensive materials. Discussion of types of problems suitable for children of varying degrees of mental, physical, and social maturity. Opportunities for experimenting with such media as paper, yarn, cardboard, clay, wood, and textiles. Miller, Cash. MTuWF, 11:00 a.m. Room 316.

(C) 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. Schukart. MTuThF, 10:00 a.m. Room 315.

(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 ma-

terials; stacking and drawing the kiln; observation of firing. June 18-July 27. 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 18-July 27. Wiley. MTuWTh, 9:00 a.m.-12 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. Schukart. MWThF, 9:00 a.m. Room 315.

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

(See description under EDUCATION.) Miller, Cash.

Business Administration

Instructor: HINDS.
Visiting Faculty: ELKINTON.

(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.

BA 111, TuWThF, 8:00 a.m. Room 202.
BA 112, TuWThF, 9:00 a.m. Room 202.
BA 113, TuWThF, 10:00 a.m. Room 202.

(U) BA 221. **Elements of Organization and Production.** 3 hours.

Principles of management as applied to commercial and industrial concerns. Elkinton. MTuWF, 11:00 a.m. Room 209.

(U) BA 223. **Elements of Marketing.** 3 hours.

Methods, policies, and problems. Private and cooperative channels, auctions, exchanges, middlemen; demand creation, assembly, standardization, packaging, financing, risk taking, distribution. Required of business-administration majors. Elkinton. TuWThF, 1:00 p.m. Room 209.

Driver Training

Visiting Faculty: NEYHART.

(S) IE 412. **Driver Education and Training.** 3 hours.

A one-week course, July 23-27, 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 206.

Economics

Visiting Faculty: ELKINTON, WALTER.

(U) Ec 201. **Principles of Economics.** (First term.) 3 hours.

A study of production and income, both individual and national, with special attention to business organization, banking, money, and the making of payments. Elkinton. MTuThF, 10:00 a.m. Room 209.

(U) Ec 411. **Money and Banking.** (G) 3 hours.

General principles, underlying modern problems of money and banking. Walter. TuWThF, 1:00 p.m. Room 210.

(U) Ec 417. **Contemporary Economic Problems.** (G) 3 hours.

Labor-management relations; man-power requirements; wage and price control; financing rearmament; international economic relations; supply of strategic materials; production capacity and control. Walter. MTuWF, 11:00 a.m. Room 210.

(U) Ec 440. **International Trade.** (G) 3 hours.

Theory of international trade; nature and effects of governmental interference; economic effects of World War II. Walter. MWThF, 9:00 a.m. Room 210.

Education

Professor: EPLER.
Associate Professors: CAUGHLAN, PUTNAM, STEVENS.
Assistant Professors: ANDERSON, BERNARD, BUETTNER, GIBB, HUMMEL, PHELPS, RAMAGE, TRENHOLME.
Visiting Faculty: BAILEY, BATCHELDER, BENTALL, BOND, CAMPBELL, CAPPER-JOHNSON, CASH, DALLMANN, DOBSON, DUTTON, EBEY, GAISER, GREEN, GRIM, HAAS, HENKLE, HOFFMAN, LUDWIG, MCGILL, MARX, MILLER, PATTON, VALENTINE.

(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. Bailey. TuWThF, 8:00 a.m. Room 112.

(U) 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. Two sections:

Valentine. MWThF, 9:00 a.m. Room 110.
Bailey. MTuThF, 10:00 a.m. Room 112.

(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. Putnam. MTuWF, 11:00 a.m. Room 111.

(U) 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. Eight-week session: Bailey. MWF, 9:00 a.m. Room 112. Last four weeks (July 16-August 10): Anderson. MWF, 1:00-3:00 p.m. Room 112.

(G) Ed 317. **Remedial Reading Clinic.** 1 or 2 hours.

Student teachers will carry on supervised observation and instruction at the

Clinical School. Where possible, children will be utilized who have types of reading difficulties of special interest to the student instructor. Prerequisite: Ed 464 (may be taken concurrently). One hour credit for four hours observation weekly; 2 hours credit for four hours observation plus four hours supervised teaching weekly. Bentall, Phelps. MTuWTh, 8:00-9:30 a.m. and 1:00-3:00 p.m., St. Helen's Hall, 1845 S.W. 13th Avenue.

(G) Ed 331. **The Crippled and Low-Vitality Child.** 3 hours.

Planned to acquaint the teacher with the various physical handicaps of children; how to recognize them; their medical treatment; the child's reaction to his handicap; the teacher's approach to the child. Miller. TuWThF, 1:00 p.m. Room 110.

(C) Ed 350. **Elementary-School Curriculum.** 3 hours.

Study of present trends in elementary-school curriculum development. A brief historical survey is made, and the basic principles underlying modern curriculum organization are studied. Current views of the functions and objectives of the elementary school, their implications for curriculum development and educational practices, and problems in scope and sequence are considered. Cooperative experience in curriculum building is included. Batchelder. TuWThF, 8:00 a.m. Room 113.

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

Principles and procedures of curriculum for primary grades; the young child studied in relation to the 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 advance children's learning. Class discussion and organization of teaching materials. Buettner. Daily, 1:00 p.m. Room 113.

(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, and organization of teaching materials. Buettner. Daily, 2:00 p.m. Room 113.

(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, 12:00 m. Room 104.

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

A one-week course, August 13-17, 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. Green. Daily, 10 a.m.-12:00 m. and 1:00-4:00 p.m. Library, Lincoln High School, Room 217.

(U) Ed 407, 507. **Seminar: Foundations of Education.** 3 hours.

A comprehensive survey of some of the major historical, philosophical, psycho-

logical, 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) for 6-9 hours credit. Stevens and staff. MTuThF, 10:00 a.m. Room 305.

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

Problems and methods in selecting and organizing materials for instruction; comparison and evaluation of methods, laboratory techniques, supplies, equipment; economy of time and materials. Teaching course required in minors. Teaching of art. Miller, Cash. MWThF, 2:00 p.m. Room 316.

(C) Ed 408s. **Methods and Materials: Teaching of Elementary-School Science.** 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. Quaintance. MTuThF, 10:00 a.m. Room 308.

(C) Ed 415. **Supervised Teaching.** (Elementary.) 3 hours.

Opportunity to make actual adjustment to schoolroom situations; to make application of principles laid down; to develop skill in the technique of teaching and of classroom management. Prerequisite: consent of instructor. A limited number can be assigned to the few places available for supervised teaching. Selection will be made from applications filed in advance. Two sections will be organized: (1) for experienced elementary teachers who require credits in supervised teaching and (2) a cooperative program with the Portland Public Schools for teachers in the transition program, who will be employed in Portland. Hours to be arranged. Batchelder.

(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. Hours to be arranged. Patton.

(S) Ed 416. **Measurements in Secondary Education.** (G) 3 hours.

Use of standard tests and scales for measuring achievement in secondary-school subjects; elements of statistical method. Prerequisite: senior standing or consent of instructor. Anderson. Last four weeks (July 16-August 10): TuWThF, 11:00 a.m.-1:00 p.m. Room 112.

(C) Ed 418. **Educational Tests and Measurements.** 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. Ludwig. MTuThF, 10:00 a.m. Room 109.

(G) Ed 429. **Use of Social-Agency Resources by Teachers.** 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. Agency executives will present the philosophies, fields of service, and limits of their respective programs. By knowing these resources the teacher will be better able to cooperate in setting standards of care and establishing protective measures for children. Hoffman. MTuWTh, 12:00 m. Room 212.

(U) 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. Henkle. Section A: MTuWF, 10:00 a.m. Room 312. Section B: TuWThF, 1:00 p.m. Room 312.

(C) Ed 460. **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. Bernard. MTuThF, 10:00 a.m. Room 111.

(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. Marx. MTuThF, 10:00 a.m. Room 204.

(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. MTuWF, 11:00 a.m. Room 204.

(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. Bernard. MTuWF, 11:00 a.m. Room 110.

(G) Ed 464. **Remedial Reading.** (G) 3 hours.

Analysis of the reading process for elementary and high-school teachers; physical and psychological processes involved. Reading difficulties; cause and cure. Various diagnostic procedures and remedial methods outlined in the lectures will be demonstrated in the Clinical School where a group of children with reading difficulties will be in attendance. Students may enroll in Ed 317 in conjunction with this course. Dallmann. TuWThF, 8:00 a.m. Room 110.

(U) Ed 465. **Diagnostic and Remedial Techniques.** (G) 3 hours.

Diagnostic, remedial, and corrective techniques in basic school subjects; application of techniques to actual cases. Phelps. MTuWTh, 8:00 a.m. Library, St. Helen's Hall.

(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 accelerated; the slow learner 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. Dallmann. MTuWF, 11:00 a.m. Room 114.

(S) 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. Ludwig. TuWThF, 8:00 a.m. Room 109.

(S) Ed 487. **Counseling Techniques.** (G) 3 hours.

Mental, achievement, trade, and other tests; administration of such tests; classifications; methods in educational and vocational counseling. Ludwig. MTuWTh, 12:00 m. Room 109.

(G) Ed 492. **Recent Trends in Language Arts.** (G) 3 hours.

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. Dallmann. MTuThF, 10:00 a.m. Room 114.

(U) 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) Ed 503. **Thesis.** Hours to be arranged.

Staff.

(U) Ed 505. **Reading and Conference.** Hours to be arranged.

Staff.

(G) Ed 507. **Seminar: Child Guidance.** 2 hours.

Discussion of behavior, emotional, and learning problems. Analysis of case histories from the Child Guidance Clinic; opportunity to attend clinic sessions for observation and methods. Cases will show the roles of the psychiatrist, social worker, psychologist, and teacher. June 18-July 13. Dobson. MWTh, 4-6 p.m. Room 114.

(U) Ed 507. **Seminar: The Junior College.** 3 hours.

Objectives and theories of general and terminal education; historical development of the junior-college movement; relation to general education and to other institutions of higher education; distinctive developments. Epler. TuWThF, 8:00 a.m. Room 305.

(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. MTuWF, 11:00 a.m. Room 112.

(S) Ed 508. **Curriculum Workshop.** 6 hours.

Experience in planning curricula in various fields for specific situations. Provides an opportunity for individual 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. Dutton. TuWThF, 12:00 m.-2:00 p.m. Room 213.

(U) 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. Bernard. TuWThF, 8:00 a.m. Room 111.

(U) Ed 515. **Educational Statistics.** 3 hours.

Techniques in quantitative and experimental methods. Calculus not required. Integrated with Mth 325. Prerequisite: graduate standing, or consent of instructor. Gibb. MWThF, 9:00 a.m. Room 111.

(U) Ed 522. **Problems in American Secondary Education.** 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. Valentine. MTuWTh, 12:00 m. Room 110.

(U) Ed 523. **School Activity Program.** 3 hours.

Theories involved in extraclass activities; objectives, organization, and supervision; student participation in social control; major and minor activities; problems of coordination, finance, and teacher personnel. Putnam. MTuWTh, 12:00 m. Room 111.

(U) Ed 543. **History of American Education.** 3 hours.

Intellectual development of America with special reference to education. Prerequisite: graduate standing in education or consent of instructor. Stevens. MTuWF, 11:00 a.m. Room 109.

(U) Ed 554. **Supervision of the Elementary Schools.** 3 hours.

Special problems and techniques of supervision in the elementary schools. Intended for mature persons who are, or expect to be, responsible for supervision in elementary schools. Dutton. MTuThF, 10:00 a.m. Room 113.

(U) Ed 555. **Elementary-School Administration.** 3 hours.

The major topics to be considered are: problems related to the elementary-school principalship, such as professional preparation, selection, and status of the principal; his relation to other administrative officers; administrative problems of attendance, discipline, health, and accounting; administration of special activities within a school; application of experience and sound principles to the improvement of teaching. Attention given to problems presented by members of the class as the outgrowth of their experience. July 16-August 10. Patton. MTuWTh, 12:00 m.-2:00 p.m. Room 106.

(U) Ed 572. **Basic Course in School Organization.** 3 hours.

Ed 572, Ed 573, Ed 574 required for majors in school administration. Ed 572 deals with organization in both grade and high schools; emphasis on the small system. Prerequisite: Ed 311, Ed 312, Ed 313, teaching experience, or consent of instructor. July 16-August 10. Putnam. TuWThF, 8:00-10:00 a.m. Room 106.

(U) Ed 573. **Basic Course in School Administration.** 3 hours.

Relations of the principal to the school board; school records and accounts; school building programs, pupil accounting, the teaching staff. Prerequisite: Ed 311, Ed 312, Ed 313, teaching experience, or consent of instructor. June 18-July 13. Campbell. MTuWTh, 12:00-2:00 p.m. Room 106.

(U) Ed 574. **Basic Course in School Supervision.** 3 hours.

Purpose and plans for supervision; use of texts, diagnosis of pupil difficulty, etc.,

as applied to both elementary and secondary schools. Prerequisite: Ed 311, Ed 312, Ed 313, teaching experience, or consent of instructor. **June 18-July 13. Gaiser. TuWThF, 8:00-10:00 a.m. Room 106.**

(U) Ed 575. **School Finance.** 3 hours.

Study of the major problems of financing education and computing the cost of education. Problems of school revenues, the capital cost of education, budget making. Prerequisite: Ed 311, Ed 312, Ed 313, teaching experience, or consent of instructor. Hummel. MWThF, 9:00 a.m. Room 113.

(U) Ed 586. **Philosophy of Education.** 3 hours.

Study of the broad fundamental principles and problems of education, as evaluated by the various schools of philosophical thought. Valentine. MTuWF, 10:00 a.m. Room 110.

English

Associate Professor: Franchere.
Assistant Professors: Dahlstrom, Oliver.
Instructors: Bierman, Boggs, Johnson.
Visiting Faculty: Bond, Childs.

Literature

(U) Eng 101. **Survey of English Literature.** 3 hours.

From *Beowulf* to Milton. Bierman. MTuWF, 11:00 a.m. Room 102.

(U) Eng 102. **Survey of English Literature.** 3 hours.

From Milton to Byron. Boggs. TuWThF, 1:00 p.m. Room 103.

(U) Eng 103. **Survey of English Literature.** 3 hours.

From Byron to the present. Johnson. MWThF, 2:00 p.m. Room 103.

(C) Eng 108. **World Literature.** (Second term.) 3 hours.

A sequence to acquaint the student with outstanding works of ancient, medieval, and modern literature that have permanent and wide appeal outside their own country. Masterpieces from the Oriental, Greek, Roman, Italian, French, Spanish, German, Scandinavian, and Russian literature are studied, with the major emphasis on the British and American. Oliver. TuWThF, 1:00 p.m. Room 104.

(C) Eng 109. **World Literature.** (Third term.) 3 hours.

Childs. MTuWF, 11:00 a.m. Room 103.

(U) Eng 202. **Shakespeare.** (Second term.) 3 hours.

Franchere. TuWThF, 10:00 a.m. Room 102.

(U) Eng 203. **Shakespeare.** (Third term.) 3 hours.

Dahlstrom. MWThF, 9:00 a.m. Room 104.

(U) Eng 261. **Survey of American Literature.** (First term.) 3 hours.

American literature from its beginning to the present day. Two consecutive terms required to satisfy the high-school teaching-field requirement in English. Dahlstrom. MTuThF, 10:00 a.m. Room 103.

(S) Eng 333. **The Democratic Tradition in Literature.** 3 hours.

Study and search of the most significant utterances on democracy in the literature

of western civilization from ancient times to the present. Childs. MWThF, 9:00 a.m. Room 109.

(C) Eng 388. **Children's Literature.** 3 hours.

Acquaintance with, and appreciation of, the great body of literature belonging to the elementary-school program. Investigations in the field of children's interest in reading, and in grade placement of types and pieces of literature. Bond. MTuThF, 10:00 a.m. Room 104.

(U) Eng 395. **Twentieth-Century Literature.** (Second 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 102.

(U) Eng 411. **English Drama.** (G) 3 hours.

The Golden Age of the drama. Dahlstrom. TuWThF, 8:00 a.m. Room 104.

(U) Eng 481. **Major American Writers: The Romantic Idealists.** (First term.) (G) 3 hours.

Emerson and Thoreau. Oliver. MTuWF, 11:00 a.m. Room 104.

(U) Eng 505. **Reading and Conference.** Hours to be arranged.

Franchere and staff.

See the following listed under EDUCATION:

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

Written English

(U) 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. Boggs. MWThF, 2:00 p.m. Room 102.

(U) Wr 112. **English Composition.** (Second term.) 3 hours.

Bierman. TuWThF, 1:00 p.m. Room 102.

(U) Wr 113. **English Composition.** (Third term.) 3 hours.

Johnson. MTuWTh, 12:00 m. Room 103.

Foreign Languages

Instructor: EATON.
Visiting Faculty: DEVINE, STRASH.

German

(U) GL 4, 5, 6. **Second-Year German.** 4 hours each.

Review of grammar and composition. Reading of modern German authors. Conversation. Eaton. Daily, 8:00-10:00 a.m. Room 309.

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. Students who complete SL 11, 12 with a grade of A or B may

enter Second-Year Russian (SL 14) in the fall. Strash. Daily, 9:00-11:00 a.m. Room 208.

(U) SL 14. **Second-Year Russian.** 4 hours.

Survey of grammar; composition and conversation; study of military terms. Strash. Daily, 11:00 a.m. Room 208.

(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. MTuWTh, 12:00 m. Room 208.

Spanish

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

Elementary translation, composition, and oral drill. Students who complete RL 11, 12 with grade of A or B may enter Second-Year Spanish (RL 14) in the fall. Devine. Daily, 1:00-3:00 p.m. Room 208.

(U) RL 347. **Intermediate Spanish Composition and Conversation.** (First term.) 2 hours.

Fundamentals of pronunciation. Extension oral and written practice. Conducted in Spanish. Prerequisite: two years of college Spanish or consent of instructor. Devine. MWF, 10:00 a.m. Room 208.

(U) RL 405. **Reading and Conference.** Hours to be arranged.

Devine.

(U) RL 461. **Advanced Spanish Composition and Conversation.** (G) 2 hours.

Normally required of all Spanish majors; for teachers of Spanish. Devine. MWF, 12:00 m. Room 210.

(U) RL 505. **Reading and Conference.** Hours to be arranged.

Devine.

General Social Science

Instructor: Learned.

(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. Learned. MTuThF, 10:00 a.m. Room 211.

General Studies

Portland Summer Session Adviser: Caughlan.
Chairman, University Committee: Dixon.
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: BURGY.

(C) Geog 202. **Geography.** (Second term.) 3 hours.

A study of the field of geography with emphasis on human activities, interests, and welfare. Scientific investigation of geographic environment and its influence; major geographic features of the continent; geographical distribution and development of the principal agricultural and mineral resources of the world; racial and historical influences upon territorial expansion and national integrity; political problem areas of Europe, Africa, and Asia; geographic problems involved in international harmony. Newhouse. MTuWTh, 12:00 m. Room 201.

(U) Geog 325. **Geography of the Pacific Northwest.** 3 hours.

A study of the land forms, climates, population, resources, products, and lines of communication in Washington, British Columbia, and Alaska. Burgy. MTuWTh, 1:00 p.m. Room 111.

(U) Geog 426. **Geography of Europe.** (G) 3 hours.

Some of the special problems of Europe today studied in light of the geographic background of the continent. Burgy. MTuWTh, 2:00 p.m. Room 111.

(U) Geog 427. **Geography of the Soviet Union.** (G) 3 hours.

Regional geography of the Soviet Union; its resources, peoples, and world position. Newhouse. TuWThF, 1:00 p.m. Room 202.

(U) Geog 430. **Geography of South America.** (G) 3 hours.

Physical, economic, and human geography of the continent. Burgy. MTuWF, 11:00 a.m. Room 202.

(U) Geog 433. **Geography of Middle America.** (G) 3 hours.

Regional geography of Mexico, Central America, and the islands of the Carribean. Prerequisite: Geog 105, 106, 107, or Geog 201, 202, 203, or consent of instructor. Newhouse. MTuThF, 10:00 a.m. Room 201.

Health and Physical Education

Assistant Professors: HOLLAND, HUDSON.
Instructor: GREENSLADE.
Visiting Faculty: WASHKE.

(U) HE 252. **First Aid.** 3 hours.

American Red Cross first aid; lectures, demonstrations, and practice leading to standard and advanced first-aid certificates. Washke. TuWThF, 1:00 p.m. Room 309.

(C) PE 341, 342, 343. **Teaching and Officiating Girls' Sports.** 1 hour each.

Rules, fundamentals, and team play, as well as methods of instruction, for the various sports for girls. Holland. Daily, 8:00 a.m. Gymnasium.

(U) HE 358. **Safety Education.** 3 hours.

Basic principles of safety education; current safety programs as they apply to the school, home, and community. Individual and group projects in the organization of materials for teaching safety education in public schools. Washke. MTuThF, 10:00 a.m. Room 309.

(C) PE 371. **Kinesiology.** 3 hours.

Body mechanics, applied to all phases of the physical-education program and athletics. Holland. TuWThF, 1:00 p.m. Room 109.

(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. For men and women. Hudson. Daily, 1:00 p.m. Gymnasium.

(U) HE 411, 412, 413. **Health-Education Workshop.** (g) 9 hours, total credit.

A workshop for health teachers in the public schools. Each teacher will work out and organize complete materials, methods, daily assignments, class activities, and evaluations for health teaching, prepared and adjusted to the particular school he represents. All work will be based on the manuals, *Health Instruction* and *Health Guide Units for Oregon Teachers.* HE 411 will cover the units in structure and functions of the human body, first aid and safety, choice and use of health services and health products. HE 412 will cover the units on personal hygiene (including effects of alcoholic drinks, stimulants, and narcotics), nutrition, community health, and sanitation. HE 413 will cover the units on physiology of exercise, communicable diseases, noncommunicable diseases, and mental health (including family-life education). Open to men and women. The student must enroll for all three divisions, except that those who have completed one or two of the courses may register for the remainder by special permission of the instructor. Prerequisite: teacher's certification or consent of instructor. Greenslade. Daily, 12:00 m.-3:00 p.m. Room 114.

(U) 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. (May be substituted for College of Education Ed 344, 345, 346.) Hudson, Holland. Daily, 9:00 a.m.-12:00 m. Gymnasium.

(U) PE 472. **Kinesiology.** (g) 3 hours.

Action of muscles involved in fundamental movements, calisthenics, gymnastics, and athletics. Prerequisite: PE 471 or consent of instructor. Holland. TuWThF, 1:00 p.m. Room 109.

(U) PE 515. **History and Theories of Physical Education.** 3 hours.

The history of physical education from the Greeks to modern times. Special emphasis on modern developments and on current professional organization and relationships. Washke. MTuWF, 11:00 a.m. Room 309.

History

Assistant Professors: ANDERSON, HOFFMANN.
Instructor: LEARNED.
Visiting Faculty: OVERMEYER.

(C) Hst 201. **History of Western Civilization.** (First term.) 3 hours.

The development of Western civilization from early beginnings to the present time; political, social, and cultural factors; present conditions and problems. Learned. TuWThF, 1:00 p.m. Room 211.

(U) 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 212.

(C) Hst 378. **American History and Government.** 3 hours.

Development of the American nation, with emphasis on its political and social concepts based on the student's interest and experiences. Attention is given to the factual and causal elements entering into the historical growth of the country, to the form and function of its government, and to the adaptations that have been made to changing social and economic conditions. Covers the period through the Civil War. Learned. MTuWTh, 12:00 m. Room 211.

(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 212.

(U) Hst 448. **Soviet Union.** (G) 3 hours.

The revolution of 1917; Russian domestic and foreign policies from 1917 to the present. Overmeyer. MWThF, 9:00 a.m. Room 211.

(U) Hst 473. **American Foreign Relations.** (First term.) (G) 3 hours.

The relations of the United States with other powers; the development of American foreign policies. Overmeyer. MTuWF, 11:00 a.m. Room 211.

(U) Hst 477. **History of the Pacific Northwest.** (G) 3 hours.

Detailed study of the building of civilization in the Pacific Northwest. Required for graduate students planning to present theses in Oregon history. Prerequisite: Hst 201, 202 or consent of instructor. Overmeyer. TuWThF, 8:00 a.m. Room 211.

(U) Hst 505. **Reading and Conference.** Hours to be arranged.

Overmeyer.

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. TuWThF, 8:00 a.m. Room 103.

Mathematics

Assistant Professor: GIBB.
Instructor: EATON.

(S) Mth 101. **Elementary Analysis.** (First term.) 4 hours.

Trigonometry, graphs, algebra, elements of calculus, and analytical geometry. Eaton. Daily, 10:00 a.m. Room 301.

(S) Mth 102. **Elementary Analysis.** (Second term.) 4 hours.

Eaton. Daily, 12:00 m. Room 301.

(S) Mth 103. **Elementary Analysis.** (Third term.) 4 hours.

Eaton. Daily, 12:00 m. Room 301.

(S) Mth 201. **Differential and Integral Calculus.** (First term.) 4 hours.

Basic differentiation; introductory work in integration with application to mathematics. Gibb. Daily, 1:00 p.m. Room 301.

(S) Mth 202, 203. **Differential and Integral Calculus.** (Second and third terms.) 4 hours each.

Second term: some further applications of differentiation; methods of integration, applications. Third term: series; Taylor's theorem; partial differentiation; multiple integrals with applications. Prerequisite: Elementary Analysis or equivalent, or consent of instructor. Gibb. Daily, 11:00 a.m. Room 301.

(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. MWThF, 9:00 a.m. Room 301.

Music

Associate Professor: STEHN.
Visiting Faculty: JORDALEN.

(U) Mus 227. **Masterpieces in Music Literature.** (Appreciation.) (First term.) 2 hours.

A nontechnical historical and analytical study of selected compositions, instrumental and vocal, by outstanding composers from Bach to the present day. Open to all students, especially those without musical background. Stehn. MWF, 9:00 a.m. Room 108.

(C) Mus 281. **Music I. Introductory Course in Music.** 3 hours.

A musical background for the elementary-grade teacher; singing varied types of song literature; acquiring good vocal habits; reading music; experiencing simple problems in rhythm; listening to music; analyzing its forms; learning keys, scales, intervals, primary chords, and their application to the piano keyboard. Jordalen. MTuWTh, 12:00 m. Room 108.

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

The close relationship between music education and the other areas in education; planning a musical environment; directing the experiences of children in music; studying principles and procedures in teaching music skills. Jordalen. MTuThF, 10:00 a.m. Room 108.

(U) Mus 407, 507. **Seminar: Music of the Twentieth Century.** 3 hours.

A consideration of modern music, its rise and growth, means of expression, outstanding composers and representative works. Jordalen. TuWThF, 1:00 p.m. Room 108.

(U) Mus 431. **Advanced Conducting.** (G) 3 hours.

The routine and technique of conducting. Problems of the symphony orchestra and choral groups. Score reading. Stehn. MTuWF, 11:00 a.m. Room 108.

(U) Mus 434. **Applied Theory.** (G) 3 hours.

A course designed primarily for school orchestra, band, and choral directors; a practical study of such problems of harmony, form, and structure, counterpoint, rhythm, and intonation as they are usually encountered in the music performed by high-school organizations. This course may be counted toward the degree of Master of Science in General Studies. It may not be counted toward a music degree. Prerequisite: experience as an orchestra, band, or choral director, or consent of instructor. Stehn. TuWThF, 8:00 a.m. Room 108.

Philosophy and Religion

Visiting Faculty: HOVLAND.

(S) Phl 201. **Introduction to Philosophy.** (First term.) 3 hours.

A study of elementary problems of knowledge and nature in terms of historical development of philosophy. MWThF, 9:00 a.m. Room 212.

(S) R 462. **History of Great Religions.** 3 hours.

Comparative study of the religions that command a large following today, such as Hinduism, Buddhism, Confucianism, Judaism, Christianity, and Islam. TuWThF, 8:00 a.m. Room 212.

(S) R 463. **Psychology of Religion.** 3 hours.

The bearing of psychology on religious thought and action, both past and present; psychology of prayer, conversion, faith, mysticism, and worship. MTuWF, 11:00 a.m. Room 212.

Political Science

Assistant Professor: HOFFMANN.
Visiting Faculty: CAPPER-JOHNSON.

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

A study of American national government. Hoffmann. MTuThF, 10:00 a.m. Room 212.

(U) PS 419. **International Organization.** (First term.) 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. TuWThF, 8:00 a.m. Room 114.

(U) PS 507. **Seminar: Contemporary World Problems.** 3 hours.

An attempt to understand the main problems of international relations since World War II. Consideration will be given to the principal factors, historical, geographical, etc., which have given rise to them. Attention will be paid to methodology peculiar to international relations and to the proper use of current materials. Capper-Johnson. MWThF, 9:00 a.m. Room 114.

Psychology

Assistant Professor: WILCOX.
Visiting Faculty: BOYD, LITTMAN, MARX.

(U) 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. Littman. MTuThF, 10:00 a.m. Room 203.

(U) Psy 202. **General Psychology.** (Second term.) 3 hours.

Wilcox. MTuWF, 11:00 a.m. Room 203.

(U) Psy 204. **Psychology of Adjustment.** 3 hours.

The nature and origins of differences in personality; means of making desired

changes. Prerequisite: Psy 201, 202, or consent of instructor. Wilcox. TuWThF, 8:00 a.m. Room 203.

(U) Psy 208, 209, 210. **General Psychology Laboratory.** 1 hour each.

Introduction to experimental methods. Laboratory work coordinated with Psy 201, 202, 204. Wilcox. Hours to be arranged.

(U) Psy 334. **Social Psychology.** (First term.) 3 hours.

Analysis of the psychological and sociological processes involved in personality formation and in various forms of group behavior. Particular attention to origin, function, ideologies, membership, and leadership. Prerequisite: Psy 201, 202, or Soc 204, 205, or consent of instructor. Littman. MTuWF, 11:00 a.m. Room 113.

(U) Psy 342. **Individual Differences.** (First term.) 2 hours.

Importance and extent of individual differences in various human traits; origin, measurements, and practical significance. (See Psy 352 below.) Marx. TuWThF, 1:00 p.m. Room 204.

(U) Psy 352. **Individual-Differences Laboratory.** 1 hour.

Collection and statistical analysis of data illustrating the more important types of comparison between individuals; the inferences which can be drawn from these data. This course is to be taken with Psy 342 (see above) for a total of 3 term hours. Marx. TuWThF, 1:00 p.m. Room 204.

(U) Psy 411. **Genetic Psychology.** (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. Marx. MTuThF, 10:00 a.m. Room 204.

(U) Psy 412. **Adolescence, Maturity, and Senescence.** (G) 3 hours.

Study of the behavior changes during preadolescence, adolescence, maturity, and old age. Intended to follow Psy 411. Not open to students who have completed Ed 461. Marx. MTuWF, 11:00 a.m. Room 204.

(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 204.

(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 204.

(C) Psy 461. **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. Marx. MTuThF, 10:00 a.m. Room 204.

(U) Psy 507. **Seminar: Development of Attitudes.** 3 hours.

Littman. MTuWTh, 12:00 m. Room 203.

Science

Associate Professor: QUAINTANCE.
Assistant Professors: LANGE, MACNAB, WALTON.
Instructors: HENKLE, JOHNSON, PAYNE, WINCHELL.

Biology

(U) Bi 201. **General Zoology.** (First term.) 4 hours.

A study of animal biology, beginning with the invertebrates; comparative vertebrate anatomy. Laboratory hours to be arranged. Macnab. MWF, 9:00 a.m. Room 313.

(U) Bi 202. **General Zoology.** (Second term.) 4 hours.

Laboratory hours to be arranged. Macnab. MWF, 10:00 a.m. Room 313.

(U) Bi 203. **General Zoology.** (Third term.) 4 hours.

Laboratory hours to be arranged. Macnab. MWF, 11:00 a.m. Room 313.

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. Room 302. MTuWTh. Ch 104, 9:00 a.m.; Ch 105, 10:00 a.m.; Ch 106, 11:00 a.m.

(S) Ch 206. **Qualitative Analysis.** 5 hours.

Chemistry of selected metallic elements and semi-micro qualitative analysis. A sequence with Ch 204 and 205, or with Ch 101, 102, 103. 2 lectures; 1 recitation; 2 three-hour laboratory periods. Lange. MTuWTh, 9:00-12:00 m. Room 314.

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

Carbon compounds of the aliphatic series. Prerequisite: Ch 206. Laboratory hours to be arranged. Lange. MTuWTh, 9:00 a.m.-12:00 m. Room 314.

(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, 9:00 a.m.-12:00 m. Room 314.

General Science

(C) Sc 101. **Biological-Science Survey.** (First term.) 3 hours.

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. Winchell. MWThF, 9:00 a.m. Room 308.

(C) Sc 102. **Biological-Science Survey.** (Second term.) 3 hours.

Winchell. MTuWF, 11:00 a.m. Room 308.

(C) Sc 103. **Biological-Science Survey.** (Third term.) 3 hours.

Winchell. MTuWTh, 12:00 m. Room 308.

(C) GS 312. **Natural History of Oregon.** (Second term.) 3 hours.

The earth and life history of Oregon; kinds and distribution of contemporary plant and animal life; man and his relation to the environment. Quaintance. MWThF, 9:00 a.m. Room 203.

Physics

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

Mechanics, sound, light, heat, electricity, and magnetism. Walton. Laboratory hours to be arranged. MTuWTh, 9:00 a.m.-12:00 m. Room 2.

(S) Ph 361. **Photography.** 3 hours.

The hand camera, developing, printing, toning, enlarging, slides. Prerequisite: college chemistry or physics or previous photographic experience, with consent of instructor. Henkle. MTuWF, 11:00 a.m. Room 312.

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. MTuWTh, Room 2. Sc 201, 12:00 m.; Sc 202, 1:00 p.m.; Sc 203, 2:00 p.m.

(C) Sc 312. **Ornithology.** 2 hours.

Field work in recognition of birds and study of their habits; lectures on other phases of bird life, such as food habits, migration, and structural adaptations. Most of the course consists of field trips held early in the morning. Quaintance. MWF, 1:00 p.m. Room 308.

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

(See description under EDUCATION.) Quaintance.

Sociology

Assistant Professor: LEWIS.
Visiting Faculty: BERRY.

(U) Soc 204. **General Sociology.** 3 hours.

The basic findings of sociology concerning the individual, culture, group life, social institutions, and factors of social change. Berry. TuWThF, 8:00 a.m. Room 213.

(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 the instructor. Lewis. MTuWF, 11:00 a.m. Room 305.

(U) Soc 437. **Sociology of Race Relations.** (G) 3 hours.

The development of "race consciousness" and emergent problems of race-culture contacts. Prerequisite: introductory course in sociology, anthropology, or psychology. Lewis. MTuWTh, 2:00 p.m. Room 305.

(U) Soc 507. **Seminar: Psycho-Social Development.** 3 hours.

The development of the individual with emphasis on the dynamics of emotional growth. Social factors that influence growth, and the roles of parents, teachers, and social agencies in meeting developmental needs. Lewis. MTuWTh, 12:00 m. Room 305.

Speech

Instructor: DAWSON.
Visiting Faculty: DAHLBERG, PENNINGTON.

(U) Sp 111, 112. **Fundamentals of Speech.** 3 hours each.

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. Dahlberg. MTuThF, 10:00 a.m. Room 106.

(U) Sp 321. **Discussion and Persuasion.** 3 hours.

Principles and practice in discussion forms; audience motivation and nature of audience response. Dahlberg. MTuWF, 11:00 a.m. Room 205.

(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. Pennington. TuWThF, 8:00 a.m. Room 205.

(U) Sp 411. **Speech for the Classroom Teacher.** 3 hours.

Instruction in speech and speech forms for classroom use. Designed for teachers who will not take specialized courses in speech correction, public speaking, and interpretation. Section I: for those with primarily speech-correction interest. Dawson. MWThF, 9:00 a.m. Room 205. Section II: For those with general speech interest. Dahlberg. TuWThF, 1:00 p.m. Room 205.

(U) Sp 481. **Speech Defects and Disorders.** (G) 3 hours.

Symptoms and causes of speech abnormalities; emphasis on diagnosis and basic pathology or articulatory defects and delayed speech, with discussion of methods of treatment limited to general principles. Prerequisite: Sp 370, or consent of instructor. Dawson. MTuThF, 10:00 a.m. Room 205.

(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. St. Helen's Hall.

(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, under a plan of supervised practice. Students must consult instructor before enrolling. Any two hours between 9:00 a.m. and 12:00 m. for actual clinical practice, four days a week. St. Helen's Hall. Pennington, Dawson.

Workshops

Visiting Director: GRIM
Visiting Faculty: HAAS, MORRISON, RAMAGE, TRENHOLME.

An education workshop, with sections devoted to the problems of primary education, intermediate education, secondary education, and guidance, will be held at the Washington High School, 531 S. E. 14th Street, Portland 14, Oregon, June 18-July 13. Fee will be $35.00. Registration is limited to 300, and prospective students may reserve places by writing to Dr. George W. Ebey, Assistant Superintendent of Schools, 631 N. E. Clackamas Street, Portland 8, Oregon. These places will be held until 12:00 noon on June 18, and no registrations will be accepted after June 18. Dr. Paul R.

Grim will be director of the entire program, Dr. C. V. Morrison will be available as consulting psychiatrist, and members of the supervisory-administrative staff of the Portland Public Schools will be on hand as resource people.

(U) Ed 453. **Secondary-Education Workshop.** (G) 5 hours.

Theory and unit construction for social studies, language arts, and mathematics in senior high schools; correlation and integration of subject fields; lectures, discussion groups, and individual projects. Daily, June 18-July 13, 8:30 a.m.-3:00 p.m. Director: Grim.

(U) Ed 455. **Primary-Education Workshop.** (G) 5 hours.

Theory and unit construction for kindergarten and primary grades. Discussion, individual projects, and research problems. Daily, June 18-July 13, 8:30 a.m.-3:00 p.m. Director: Grim.

(U) Ed 457. **Intermediate-Education Workshop.** (G) 5 hours.

Methods of teaching social studies and language arts at the intermediate level; preparation of materials; lectures and individual projects; research problems. Daily, June 18-July 13, 8:30 a.m.-3:00 p.m. Director: Grim.

(S) Ed 508s. **Curriculum Workshop.** 5 hours.

Experience in planning curricula in various fields for specific situations. Provides an opportunity for individual projects or for a staff group working cooperatively to develop or revise plans or programs. Resource people will be available to assist in different curricular fields. Daily, June 18-July 13, 8:30 a.m.-3:00 p.m. Director: Grim.

See also the following workshop courses listed under HEALTH AND PHYSICAL EDUCATION:

HE 411, 412, 413. **Health-Education Workshop.** 9 hours.

PE 411, 412, 413. **Physical-Education Workshop.** 9 hours.

Schedule of Classes

8:00 a.m.

Number	*Course Title*	*Instructor*	*Room*
BA 111.	Constructive Accounting. TuWThF.	Hinds	202
Ed 311.	Secondary Education in American Life. TuWThF.	Bailey	112
Ed 317.	Remedial Reading Clinic. MTuWTh, 8-9:30 and 1-3.	Bentall, Phelps	St. Helen's
Ed 350.	Elementary-School Curirculum. TuWThF.	Batchelder	113
Ed 464.	Remedial Reading. (G) TuWThF.	Dallmann	110
Ed 465.	Diagnostic and Remedial Techniques. (G) MTuWTh.	Phelps	St. Helen's
Ed 485.	Principles and Practices of Guidance Services. (G) TuWThF.	Ludwig	109
Ed 507.	Seminar: The Junior College. TuWThF.	Epler	305
Ed 512.	Research Procedures in Education. TuWThF.	Bernard	111
Eng 411.	English Drama. (G) TuWThF.	Dahlstrom	104
GL 4, 5, 6.	Second-Year German. Daily, 8-10.	Eaton	309
PE 341, 342, 343.	Teaching and Officiating Girls' Sports. Daily.	Holland	Gym
Hst 477.	History of the Pacific Northwest. (G) TuWThF.	Overmeyer	211
J 360.	General Journalism. TuWThF.	Judkins	103
Mus 434.	Applied Theory. (G) TuWThF.	Stehn	108
R 462.	History of Great Religions. TuWThF.	Hovland	212
PS 419.	International Organization. (First term.) TuWThF.	Capper-Johnson	114
Psy 204.	Psychology of Adjustment. TuWThF.	Wilcox	203
Psy 431.	Clinical Methods in Psychology. (G) TuWThF.	Boyd	204
Soc 204.	General Sociology. TuWThF.	Berry	213
Sp 370.	Phonetics. TuWThF.	Pennington	205

9:00 a.m.

Anth 209.	Introduction to Cultural Anthropology. MWThF.	Smith	201
A 311.	Art Structure III. MWThF.	Schukart	315
BA 112.	Constructive Accounting. TuWThF.	Hinds	202
Ec 440.	International Trade. (G) MWThF.	Walter	210
Ed 312.	Educational Psychology. MWThF.	Valentine	110
Ed 316.	Oregon School Law and System of Education. MWF.	Bailey	112
Ed 515.	Educational Statistics. MWThF.	Gibb	111
Ed 575.	School Finance. MWThF.	Hummel	113
Eng 203.	Shakespeare. (Third term.) MWThF.	Dahlstrom	104
Eng 333.	The Democratic Tradition in Literature. MWThF.	Childs	109
Eng 395.	Twentieth-Century Literature. (Second term.) MWThF.	Franchere	102
SL 11, 12.	First-Year Russian. Daily, 9-11.	Strash	208
PE 411, 412, 413.	Physical-Education Workshop. (g) Daily, 9-12.	Hudson, Holland	Gym
Hst 448.	Soviet Union. (G) MWThF.	Overmeyer	211
Mth 211.	Foundations of Mathematics. MWThF.	Gibb	301
Mus 227.	Masterpieces in Music Literature. (Appreciation.) (First term.) MWF.	Stehn	108
Phl 201.	Introduction to Philosophy. (First term.) MWThF.	Hovland	212
PS 507.	Seminar: Contemporary World Problems. MWThF.	Capper-Johnson	114

Psy 432. Clinical Psychology. (G) MWThF.	Boyd	204
Bi 201. General Zoology. (First term.) MWF.	Macnab	313
Ch 104. General Chemistry. MTuWTh.	Johnson	302
Ch 206. Qualitative Analysis. MTuWTh, 9-12.	Lange	314
Ch 226. Organic Chemistry. MTuWTh, 9-12.	Lange	314
Ch 227. Organic Chemistry. MTuWTh, 9-12.	Lange	314
GS 312. Natural History of Oregon. (Second term.) MWThF.	Quaintance	203
Ph 201, 202, 203. General Physics. MTuWTh, 9-12.	Walton	2
Sc 101. Biological-Science Survey. (First term.) MWThF.	Winchell	308
Sp 411. Speech for the Classroom Teacher. (Section I, Elementary.) MWThF.	Dawson	205
Sp 484, 485, 486. Clinical Practice in Speech Correction. (G).	Pennington, Dawson	St. Helen's

10:00 a.m.

A 221. Color Expression. MTuThF.	Schukart	315
BA 113. Constructive Accounting. TuWThF.	Hinds	202
Ec 201. Principles of Economics. (First term.) MTuThF.	Elkinton	209
Ed 312. Educational Psychology. MTuThF.	Bailey	112
Ed 407, 507. Seminar: Foundations of Education. MTuThF.	Stevens & staff	305
Ed 408s. Methods and Materials: Teaching of Elementary-School Science. MTuThF.	Quaintance	308
Ed 418. Educational Tests and Measurements. MTuThF.	Ludwig	109
Ed 435. Audio-Visual Aids. (G) (Section A). MTuWF.	Henkle	312
Ed 460. Applied Mental Hygiene. MTuThF.	Bernard	111
Ed 460. Psychology of Childhood. (G) MTuThF.	Marx	204
Ed 492. Recent Trends in Language Arts. (G) MTuThF.	Dallmann	114
Ed 554. Supervision of the Elementary Schools. MTuThF.	Dutton	113
Ed 586. Philosophy of Education. MTuWF.	Valentine	110
Eng 202. Shakespeare. (Second term.) TuWThF.	Franchere	102
Eng 261. Survey of American Literature. (First term.) MTuThF.	Dahlstrom	103
Eng 388. Children's Literature. MTuThF.	Bond	104
RL 347. Intermediate Spanish Composition and Conversation. (First term.) MWF.	Devine	208
SSc 411. Contemporary Problems. (First term.) MTuThF.	Learned	211
Geog 433. Geography of Middle America. (G) MTuThF.	Newhouse	201
HE 358. Safety Education. MTuThF.	Washke	309
Mth 101. Elementary Analysis. (First term.) Daily.	Eaton	301
Mus 283. Music III. Music Education. MTuThF.	Jordalen	108
PS 201. American Governments. MTuThF.	Hoffmann	212
Psy 201. General Psychology. (First term.) MTuThF.	Littman	203
Psy 411. Genetic Psychology. (G) MTuThF.	Marx	204
Psy 461. Child Growth and Development. MTuThF.	Marx	204
Bi 202. General Zoology. (Second term.) MWF.	Macnab	313
Ch 105. General Chemistry. MTuWTh.	Johnson	302
Sp 111, 112. Fundamentals of Speech. MTuThF.	Dahlberg	106
Sp 481. Speech Defects and Disorders. (G) MTuThF.	Dawson	205

11:00 a.m.

Anth 411. Problems of Race and Culture. (G) MTuWF.	Smith	201
A 218. Creative Crafts for Children. MTuWF.	Miller, Cash	316
BA 221. Elements of Organization and Production. MTuWF.	Elkinton	209
Ec 417. Contemporary Economic Problems. MTuWF.	Walter	210
Ed 313. Principles of Teaching. MTuWF.	Putnam	111

Ed 461. Adolescence: Growth and Development of the Individual. (G) MTuWF.	Marx	204
Ed 462. Psychology of Exceptional Children. (G) MTuWF.	Bernard	110
Ed 478. Improvement of Instruction in Reading. (G) MTuWF.	Dallmann	114
Ed 507. Seminar: Teaching of High-School English. MTuWF.	Franchere and staff	112
Ed 543. History of American Education. MTuWF.	Stevens	109
Eng 101. Survey of English Literature. MTuWF.	Bierman	102
Eng 109. World Literature. (Third term.) MTuWF.	Childs	103
Eng 481. Major American Writers: The Romantic Idealists. (G) (First term.) MTuWF.	Oliver	104
SL 14. Second-Year Russian. Daily.	Strash	208
Geog 430. Geography of South America. (G) MTuWF.	Burgy	202
PE 515. History and Theories of Physical Education. MTuWF.	Washke	309
Hst 473. American Foreign Relations. (First term.) (G) MTuWF.	Overmeyer	211
Mth 202, 203. Differential and Integral Calculus. (Second and third terms.) Daily.	Gibb	301
Mus 431. Advanced Conducting. (G) MTuWF.	Stehn	108
R 463. Psychology of Religion. MTuWF.	Hovland	212
Psy 202. General Psychology. (Second term.) MTuWF.	Wilcox	203
Psy 334. Social Psychology. (First term.) MTuWF.	Littman	113
Psy 412. Adolescence, Maturity, and Senescence. (G) MTuWF.	Marx	204
Bi 203. General Zoology. (Third term.) MWF.	Macnab	313
Ch 106. General Chemistry. MTuWTh.	Johnson	302
Ph 361. Photography. MTuWF.	Henkle	312
Sc 102. Biological-Science Survey. (Second term.) MTuWF.	Winchell	308
Soc 417. Juvenile Delinquency. (G) MTuWF.	Lewis	305
Sp 321. Discussion and Persuasion. MTuWF.	Dahlberg	205

12:00 m.

A 211. Art Structure I. MTuWTh.	Schukart	315
Ed 380. Elementary-School Library. MWF.	Bond	104
Ed 429. Use of Social-Agency Resources by Teachers. MTuWTh.	Hoffman	212
Ed 487. Counseling Techniques. (G) MTuWTh.	Ludwig	109
Ed 508. Curriculum Workshop. TuWThF, 12-2.	Dutton	213
Ed 522. Problems in American Secondary Education. MTuWTh.	Valentine	110
Ed 523. School Activity Program. MTuWTh.	Putnam	111
Wr 113. English Composition. (Third term.) MTuWTh.	Johnson	103
SL 311. Russian Literature. (First term.) MTuWTh.	Strash	208
RL 461. Advanced Spanish Composition and Conversation. (G) MWF.	Devine	210
Geog 202. Geography. (Second term.) MTuWTh.	Newhouse	201
HE 411, 412, 413. Health-Education Workshop. (g) Daily, 12-3.	Greenslade	114
Hst 378. American History and Government. MTuWTh.	Learned	211
Mth 102, 103. Elementary Analysis. (Second and third terms.) Daily.	Eaton	301
Mus 281. Music I. Introductory Course in Music. MTuWTh.	Jordalen	108
Psy 507. Seminar: Development of Attitudes. MTuWTh.	Littman	203
Sc 103. Biological-Science Survey. (Third term.) MTuWTh.	Winchell	308
Sc 201. Foundations of Physical Science. MTuWTh.	Payne	2
Soc 507. Seminar: Psycho-Social Development. MTuWTh.	Lewis	305

1:00 p.m.

Anth 507. Seminar: Problems of Community Organization. TuWThF.	Smith	201
A 212. Art Structure II. TuWThF.	Miller, Cash	316
BA 223. Elements of Marketing. TuWThF.	Elkinton	209
Ec 411. Money and Banking. (G) TuWThF.	Walter	210
Ed 331. The Crippled and Low-Vitality Child. TuWThF.	Miller	110
Ed 358. Primary Education. Daily.	Buettner	113
Ed 435. Audio-Visual Aids. (G) (Section B.) TuWThF.	Henkle	312
Eng 102. Survey of English Literature. TuWThF.	Boggs	103
Eng 108. World Literature. (Second term.) TuWThF.	Oliver	104
Wr 112. English Composition. (Second term.) TuWThF.	Bierman	102
RL 11, 12. First-Year Spanish. Daily, 1-3.	Devine	208
Geog 325. Geography of the Pacific Northwest. MTuWTh.	Burgy	111
Geog 427. Geography of the Soviet Union. (G) TuWThF.	Newhouse	202
HE 252. First Aid. TuWThF.	Washke	309
PE 371. Kinesiology. TuWThF.	Holland	109
PE 406. Special Problems: Foreign Folk Dance. Daily.	Hudson	Gym
PE 472. Kinesiology. (g) TuWThF.	Holland	109
Hst 201. History of Western Civilization. (First term.) TuWThF.	Learned	211
Hst 379. American History and Government. TuWThF.	Hoffmann	212
Mth 201. Differential and Integral Calculus. (First term.) Daily.	Gibb	301
Mus 407, 507. Seminar: Music of the Twentieth Century. TuWThF.	Jordalen	108
Psy 342. Individual Differences. (First term.) TuWThF.	Marx	204
Psy 352. Individual Differences (Laboratory). TuWThF.	Marx	204
Sc 202. Foundations of Physical Science. MTuWTh.	Payne	2
Sc 312. Ornithology. MWF.	Quaintance	308
Sp 411. Speech for the Classroom Teacher. (Section II.) TuWThF.	Dahlberg	205

2:00 p.m.

Ed 359. Intermediate and Upper-Grade Education. Daily.	Buettner	113
Ed 408a. Methods and Materials (Art). MWThF.	Miller	316
Eng 103. Survey of English Literature. MWThF.	Johnson	103
Wr 111. English Composition. (First term.) MWThF.	Boggs	102
Geog 426. Geography of Europe. (G) MTuWTh.	Burgy	111
Hst 377. Oregon History. MWF.	Hoffmann	212
Sc 203. Foundations of Physical Science. MTuWTh.	Payne	2
Soc 437. Sociology of Race Relations. (G) MTuWTh.	Lewis	305

One-Week Courses

IE 412. Driver Education and Training. Daily, 8-12 and 1-5 (July 23-27).	Neyhart	206
Ed 407. Seminar: Parent-Teacher Organization. Daily, 10-12 and 1-4 (August 13-17). Library, Lincoln High School.	Green	217

Four-Week Courses

June 18-July 13 (First four weeks)

Ed 507. Seminar: Child Guidance. MWTh, 4-6 p.m.	Dobson	114
Ed 573. Basic Course in School Administration. MTuWTh, 12-2.	Campbell	106
Ed 574. Basic Course in School Supervision. TuWThF, 8-10.	Gaiser	106

Workshops

Ed 453. Secondary-Education Workshop. (G) (See description, page 32.)	Grim
Ed 455. Primary-Education Workshop. (G) (See description, page 32.)	Grim
Ed 457. Intermediate-Education Workshop. (G) (See description, page 32.)	Grim
Ed 508s. Curriculum Workshop. (See description, page 32.)	

July 16-August 10 (Second four weeks)

Ed 316. Oregon School Law and System of Education. MWF, 1-3 p.m.	Anderson	112
Ed 416. Measurements in Secondary Education. (G) TuWThF, 11-1.	Anderson	112
Ed 555. Elementary-School Administration. MTuWTh, 12-2.	Patton	106
Ed 572. Basic Course in School Organization. TuWThF, 8-10.	Putnam	106

Six-Week Courses

AA 255. Lower-Division Ceramics. MTuWTh, 1-4. Museum Art School.	Riegger
AA 290. Lower-Division Painting. MTuWTh, 9-12. Museum Art School.	Wiley

1951
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.

VIRON A. MOORE, M.S., Acting Dean, General Extension Division, Oregon State System of Higher Education.

JAMES C. CAUGHLAN, Ph.D., Acting Assistant Director, General Extension Division; Director, Portland Summer Session; Associate Professor of Education, General Extension Division; Graduate Adviser.

STEPHEN E. EPLER, Ph.D., Director, Vanport Extension Center; Professor of Education.

MARGARET M. SHARP, Director, Portland Extension Center.

ERRETT HUMMEL, Ph.D., Assistant Professor of Education, General Extension Division; Administrative Assistant.

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.

THELMA O. BAIRD, Secretary of Summer Sessions, General Extension Division.

LESLIE B. NEWHOUSE, M.B.A., Business Manager; Assistant Professor of Business Administration, Vanport Extension Center.

E. DEAN ANDERSON, M.A., Executive Secretary, High School-College Relations Committee; Assistant Professor of Education, General Extension Division.

RALPH G. BAILEY, Ed.D., Associate Professor of Education, Linfield College, McMinnville.

KATHRYN BALLARD, R.N., Student Health Nurse, Portland Summer Session.

BERNICE A. BATCHELDER, M.A., Instructor, State Teachers College, Plattsburgh, New York.

GRACE BENTALL, M.A., Consultant, Remedial Reading, Portland Public Schools.

HAROLD W. BERNARD, Ph.D., Assistant Professor of Education, General Extension Division.

EDWIN C. BERRY, B.E., Executive Director, Urban League, Portland.

JUDAH BIERMAN, A.B., Instructor in English, Vanport Extension Center.

W. ARTHUR BOGGS, Ph.D., Instructor in English, Vanport Extension Center.

RUTH BOND, M.Ed., Curriculum Librarian, Portland Public Schools.

ROBERT D. BOYD, M.A., Chief Psychologist, Community Child Guidance Clinic, Portland.

HILDA C. BUETTNER, M.A., Assistant Professor, Oregon College of Education.

J. HERBERT BURGY, Ph.D., Head, Department of Geography and Geology, Bradley University.

DON J. CAMPBELL, M.A., Superintendent, Parkrose Public Schools.

KARLIN M. CAPPER-JOHNSON, M.A., Associate Professor of International Relations, Carleton College.

MARGARET CASH, B.S., Teacher of Art Education, Denver Public Schools.

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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-education 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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