

GENERAL
EXTENSION
DIVISION

BULLETIN

1958
SUMMER
SESSION

June 23 - August 15

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PORTLAND
SUMMER
SESSION

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General Extension Division

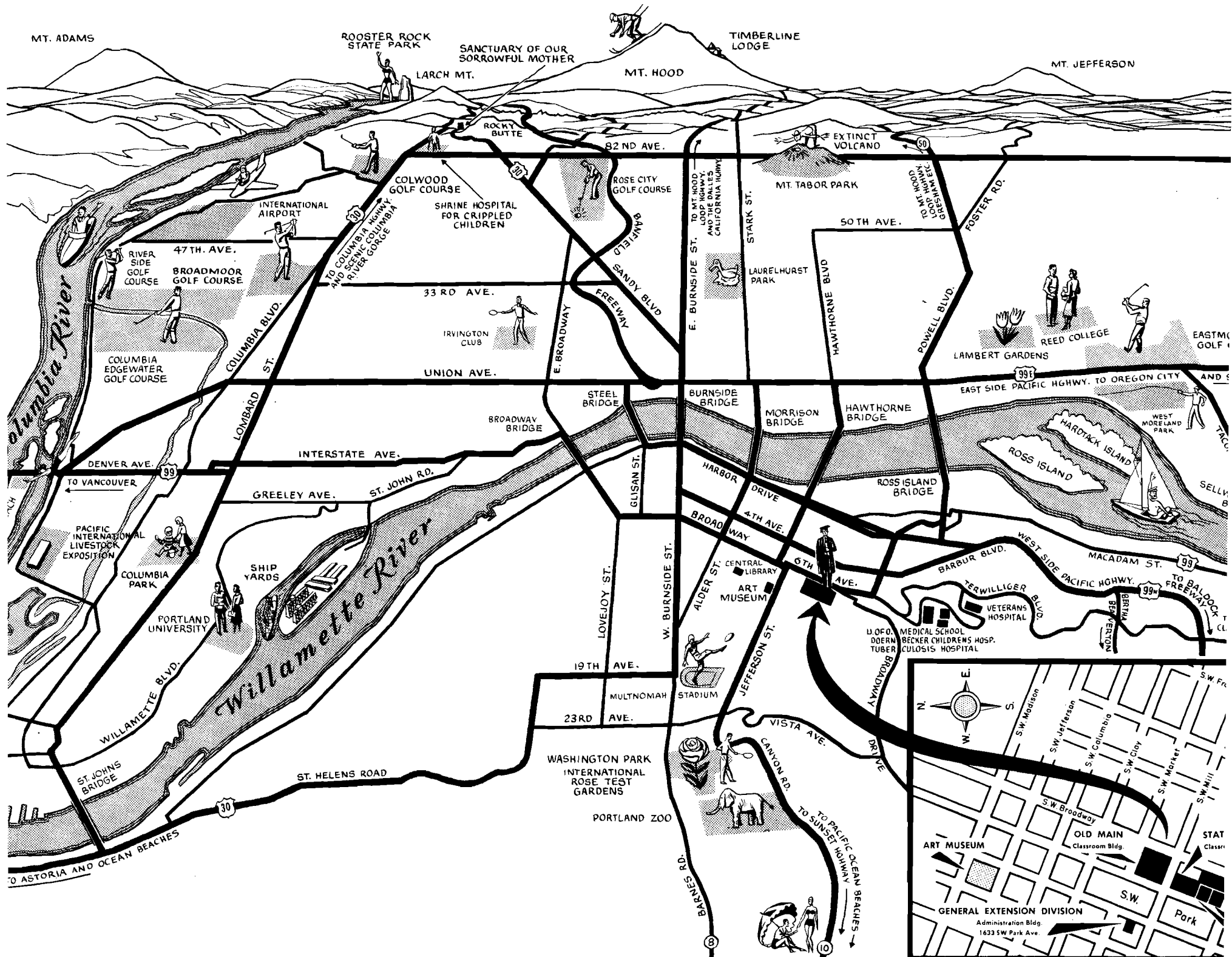
BULLETIN

PORTLAND SERIES NO. 45

APRIL, 1958

Entered as second class matter April 15, 1958 at the Post Office at Portland, Oregon, under act of August 24, 1912. Published seventeen times a year, in January; February; March 10, 15, 30; April; May 10, 15, 20, 31; September 10, 15; October 10, 15; December 10, 15, 17, by the General Extension Division of the State Board of Higher Education, Portland, Oregon.

Cover—Vacation scene at Gearhart on the Northern Oregon coast, a pleasant drive from Portland.—Color plates courtesy Oregon State Highway Department, Travel Information Division.



MT. ADAMS

ROOSTER ROCK STATE PARK

SANCTUARY OF OUR SORROWFUL MOTHER

TIMBERLINE LODGE

MT. JEFFERSON

LARCH MT.

MT. HOOD

ROCKY BUTTE

82 ND AVE.

EXTINCT VOLCANO

COLWOOD GOLF COURSE

ROSE CITY GOLF COURSE

MT. TABOR PARK

INTERNATIONAL AIRPORT

SHRINE HOSPITAL FOR CRIPPLED CHILDREN

50TH AVE.

47TH AVE.

BROADMOOR GOLF COURSE

33 RD AVE.

BANFIELD BLVD

TO MT. HOOD LOOP HIGHWAY AND THE DALLES CALIFORNIA HIGHWAY

TO MT. HOOD LOOP HIGHWAY GREGG HWY ETC

RIVER SIDE GOLF COURSE

COLUMBIA EDGEWATER GOLF COURSE

COLUMBIA BLVD.

IRVINGTON CLUB

E. BROADWAY

FREEWAY

STARK ST.

HAWTHORNE BLVD

POWELL BLVD.

LAMBERT GARDENS

REED COLLEGE

EASTMO GOLF I

UNION AVE.

BROADWAY BRIDGE

STEEL BRIDGE

BURNSIDE BRIDGE

MORRISON BRIDGE

HAWTHORNE BRIDGE

EAST SIDE PACIFIC HIGHWAY TO OREGON CITY AND S

DENVER AVE.

INTERSTATE AVE.

BROADWAY BRIDGE

BURNSIDE BRIDGE

MORRISON BRIDGE

HAWTHORNE BRIDGE

EAST SIDE PACIFIC HIGHWAY TO OREGON CITY AND S

DENVER AVE.

GREELEY AVE.

ST. JOHN RD.

BROADWAY BRIDGE

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BURNSIDE BRIDGE

MORRISON BRIDGE

HAWTHORNE BRIDGE

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DENVER AVE.

PACIFIC INTERNATIONAL LIVESTOCK EXPOSITION

COLUMBIA PARK

PORTLAND UNIVERSITY

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1958

SUMMER SESSION

JUNE 23 - AUGUST 15

PRE-REGISTRATION JUNE 16-21



PORTLAND SUMMER SESSION
PORTLAND, OREGON

Oregon State System of Higher Education

Oregon State System of Higher Education

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

The institutions of the state system of higher education are the University of Oregon at Eugene, Oregon State College at Corvallis, Portland State College at Portland, Oregon College of Education at Monmouth, Southern Oregon College at Ashland, and Eastern Oregon College at La Grande. The Medical and Dental Schools of the University of Oregon are located in Portland. The General Extension Division, representing all the institutions, has headquarters in Portland and offices in Eugene, Corvallis, Ashland, Monmouth, and La Grande.

Each of the institutions provides the general studies fundamental to a well-rounded education. At Oregon College of Education, Southern Oregon College, Eastern Oregon College, and Portland State College, students may complete major work in teacher education or general studies or enroll in a preprofessional program.

At the University and Oregon 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.

An interinstitutional booklet, *Your Education*, which outlines the curricula of the several institutions and contains other information, is available. For a copy, write to Division of Information, Board of Higher Education, P. O. Box 5175, Eugene, Oregon.

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State Board of Higher Education*

	Term Expires
R. E. KLEINSORGE, Silverton.....	1959
WILLIAM E. WALSH, Coos Bay.....	1959
HENRY F. CABELL, Portland.....	1960
CHARLES R. HOLLOWAY, JR., Portland.....	1961
A. S. GRANT, Baker.....	1962
CHERYL S. MACNAUGHTON, Portland.....	1963
J. W. FORRESTER, JR., Pendleton.....	1963
ALLAN HART, Portland.....	1964
DOUGLAS MCKEAN, Beaverton.....	1964

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HENRY F. CABELL.....	Vice-President

JOHN R. RICHARDS, Ph.D., Chancellor

EARL M. PALLETT, Ph.D., Secretary of Board

Office of the State Board of Higher Education
Post Office Box 5175
Eugene, Oregon

* Board members are appointed to six-year terms by the Governor of Oregon with confirmation by the State Senate.



1958

Portland Summer Session

Academic Calendar

- June 23, *Monday*, Registration. (Students may preregister June 16-21, Monday through Friday, 8:00 a.m.-5:00 p.m., and Saturday, 9:00-11:30 a.m.)
- June 24, *Tuesday*, Classes begin.
- June 25, *Wednesday*, Last day to enter class without instructor's signature.
- June 26, *Thursday*, Late fee begins. Last day to change program without change of program fee.
- June 30, *Monday*, Last day to register or to make program changes.
- June 30, *Monday*, Last day to withdraw without responsibility for grades.
- July 4, *Friday*, Holiday.
- August 14-15, *Thursday and Friday*, Final Examinations.
- August 15, *Friday*, Portland Summer Session ends.

NOTE: Registration for courses of less than eight weeks duration will be taken no later than the third day of the course.

June							July							August						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7			1	2	3	4	5						1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30						27	28	29	30	31			24	25	26	27	28	29	30
														31						

Portland Summer Session welcomes your inquiries.
Please address any questions you may have to:

Richard Martin
Director of Information Services
Portland Summer Session
1633 S.W. Park Ave.
Portland 1, Ore.

We will be happy to help you in any way we can.

The Summer Program

The forty-first annual Portland Summer Session will provide daytime offerings of both graduate and undergraduate courses based on the resources, curricula, and facilities of all the correlated schools which comprise Oregon's unified State System of Higher Education. A limited program of evening offerings is also scheduled.

LOCATION. Most of the classes meet in the buildings of Portland State College, 1620 S.W. Park Avenue, Portland 1, Ore. Administrative offices are located at 1633 S.W. Park Avenue, Portland 1, Ore. The telephone number is CA 2-3201. The offices of the Business Manager and Registrar, at 1724-34 S. W. Park Avenue, are open from 8:00 a.m. to 5:00 p.m. weekdays (and 9:00 to 11:30 a.m. on Saturdays, during June only).

Undergraduate Work

ADMISSION AS AN UNDERGRADUATE. The only requirement for admission to Portland Summer Session is ability to do the work. Veterans who register under any federal benefit plan may be required to file a transcript of all previous work. All students who seek degrees or certificates from one of the degree-granting units of the Oregon State System of Higher Education must satisfy admission requirements prevailing for the school of their choice at the time such admission is granted.

Information concerning admission, advanced standing, transfer of credits, and graduation requirements including residence requirements may be obtained from Registrars of the individual institutions within the State System.*

MAXIMUM LOAD. Twelve term hours** is the maximum credit which a student may earn in the eight-week summer session, except that undergraduates may enroll for thirteen hours in combinations of not more than four courses which list a total of not more than thirteen hours of credit. (No exception to the twelve-hour rule is permitted in cases where all courses are taken for graduate credit). Additional credit may be earned in courses which end prior to the opening date of the eight-week session or which begin after the eight-week session has closed.

* Portland State College requires that a minimum of 45 term hours of the last 60 term hours presented for any degree must be taken in residence. This requirement may be satisfied, however, by the completion of not more than 33 term hours in the Portland Extension Center, and in one summer session, 12 or more term hours of which are selected from those courses taught during the Portland Summer Session by members of the faculty of Portland State College. Portland State College students should consult their Portland State College advisers.

** Term hours (quarter hours) may be converted to semester hours by multiplying the number of term hours by $\frac{2}{3}$. Semester hours may be converted to term hours by multiplying the number of semester hours by $1\frac{1}{2}$.

Graduate Work

Certain masters' degrees granted by various institutions within the Oregon State System of Higher Education and the work toward these degrees which may be completed at Portland Summer Session (or at Portland Extension Center) are shown below:

MASTER OF EDUCATION. This degree may be taken either at University of Oregon or at Oregon State College. At either institution twelve hours of graduate credit must be earned in residence. The remainder may be completed in Portland.

The degree is regarded as a professional teaching degree and not necessarily as a research degree; however, at the University of Oregon a thesis or field study is required of candidates whose area of specialization is one of the following: (1) Administration; (2) Psychology, Measurement and Evaluation. At Oregon State College neither a thesis nor a field study is required under Options "C" or "B."

For the degree with either of the Oregon institutions a well-integrated program is planned for each individual candidate designed to improve his educational competence as a teacher, supervisor, or administrator. Each program embraces: (1) a common core of required courses; (2) an area of concentration which provides a complex of courses organized to meet the special interests and needs of the students. For University of Oregon both the qualifying and final examinations are written. Oregon State College requires a written and an oral final examination, but no qualifying examination. Graduate work for the degree of Master of Education may be pursued with specialization in either the elementary or secondary fields.

MASTER OF SCIENCE IN EDUCATION (from Oregon colleges of education). A minimum of twelve hours of graduate work must be completed in residence at the degree-granting institution, while the remainder may be completed in Portland. Requirements for the degree include a core of eighteen hours in professional courses and nine hours in general courses. The thesis is optional with each student but it is recommended for those planning further graduate work. The qualifying examination is written and the final examination may be both written and oral.

MASTER OF ARTS IN GENERAL STUDIES. This is a research degree. It is open to individuals whose research interest and broad academic background, usually in three disciplines, make them eligible for graduate work wherein the offerings of several major departments are correlated. A thesis is required. Before a candidate's course work can be planned, he must present and justify a thesis topic which involves a research project embracing several major departments. An acceptable thesis in General Studies cannot be typical of work normally presented to any single department for a departmental degree.

Under favorable circumstances all work toward this degree from Oregon State College may be completed in Portland, but the University of Oregon requires that candidates earn at least twelve hours in residence.

MASTER OF ARTS (DEPARTMENTAL), MASTER OF SCIENCE, MASTER OF SCIENCE IN GENERAL STUDIES. Programs for these degrees must be arranged with the candidate's major department at the degree-granting school selected. On approval by the major department a maximum of fifteen hours of graduate work may be completed in Portland.

ADVISERS. Authorized advisers for any of the masters' degrees in education and for the Master of Arts in General Studies degree will be available at Portland Summer Session to assist students in planning programs and in establishing candidacy for the degrees. Students should note that a mere accumulation of graduate credit does not establish candidacy for any degree.

A group counseling session for all students who wish to begin a graduate program leading to the Master of Education degree from either the University of Oregon, Oregon State College, or Oregon College of Education will be conducted Monday, June 23, in Room 165, State Hall, at 11:00 a.m.

ADMISSION. Graduate students enrolling in the summer session who wish to apply their Oregon credits toward advanced degrees at one of the institutions within the Oregon State System of Higher Education must make application for admission to the graduate school selected and take the qualifying examination* at the earliest opportunity.

TIME LIMIT. Oregon institutions expect that all work for the master's degree, including work for which credit is transferred, thesis, and final examination, will be completed within a period of seven years.

MAXIMUM LOAD. Twelve term hours of graduate credit is the maximum which a student may earn in the eight-week summer session. Additional credit may be earned only in courses which end prior to the opening date of the eight-week session or which begin after the closing date.

Special Programs for Teachers and Others

Teacher Training Program

Portland Summer Session offers required courses for regular or emergency elementary certification and for secondary certification. Required courses for certificates in special education and in school administration also are offered. Teachers and administrators seeking to fulfill requirements for the various certificates, including administrators' cer-

*Qualifying examinations will be administered during the Summer Session at times and places to be announced early in the session.

tificates and certificates to teach handicapped or exceptional children, should consult an adviser, or should refer to *Oregon Rules and Regulations Governing the Certification of Teachers*, an annual publication of the Superintendent of Public Instruction, Salem, Oregon.

CERTIFICATION FOR TEACHING EXCEPTIONAL CHILDREN. Summer Session offerings are scheduled so that students who have the necessary prerequisites may complete certification requirements for teachers in the special areas of reading, speech, and the mentally handicapped.

CLINIC. A demonstration clinic for children with reading disabilities, speech handicaps, mental retardation, and emotional disturbances will be housed in Shattuck School, 1914 S. W. Park Avenue. Limited opportunities for observation are available to summer session students other than those enrolled in special education classes. Arrangements may be made after June 23 with the Director of the Clinic at Shattuck School. Call CA 2-3201.

DEMONSTRATION SCHOOL. A six-room elementary demonstration school will be operated at Shattuck School, 1914 S. W. Park Avenue. Students, other than those enrolled in supervised teaching, who wish to visit must make arrangements after June 23 with the principal of the school. Call CA 2-3201.

WORKSHOPS. An extensive selection of workshop-type offerings ranging from one to eight weeks in duration will provide teachers and others with opportunities for concentrated study in specialized areas. (*See listing of Workshops on p. 45.*)

Art Cooperative Program

Six-week courses in lower-division ceramics and painting will be offered in cooperation with the Museum Art School, S. W. Park Avenue at Madison Street. (*See Art listing on p. 15 of this bulletin.*) Registration for Museum Art School classes must be initiated at the Art School, and completed in the Registrar's office of Portland Summer Session.

Deutsche Sommerschule am Pazifik

Portland Summer Session, in cooperation with Reed College and other leading colleges and universities in the Pacific Northwest, will offer a program of intensive instruction in the German language and literature, June 27 through August 14.

German will be used exclusively, in and out of the classroom. German movies, music, and art will help students live the language.

The program carries six semester hours of undergraduate credit; graduate credit by arrangement with the director.

Interested persons should communicate directly with Dr. H. F. Peters, Reed College, Portland 2, Ore.

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 in the Registrar's office within the stipulated time limit, and subject to the requirements shown in the Summer Session Academic Calendar. A student who discontinues attendance in a course without official withdrawal receives a grade of *F*.

Registration Procedure

Students will register for the summer session Monday, June 23, from 8:00 a.m. to 5:00 p.m., and Tuesday evening, June 24, from 5:30 to 9:00 p.m. Classes will begin as scheduled Tuesday morning, June 24.

On Monday, June 23, students will receive registration materials and instructions in Room 57, State Hall, S. W. Park Avenue at Mill Street. At other times, including Tuesday evening, June 24, registration is in the Registrar's Office, 1734 S. W. Park Avenue, south of the instructional buildings.

Students who reside in Portland or vicinity are urged to register during the early registration period, Monday, June 16, through Saturday, June 21. Normally, registration can be accomplished more easily and quickly during this period.

PROCEDURE FOR GRADUATE STUDENTS. Enrollment for graduate credit is in general identical with enrollment for undergraduate credit. However, *students electing graduate credit in a 400 (G) or 400 (g) course (see course numbering system p. 15) must so indicate at the time of registration for the course; otherwise graduate credit cannot be granted. Graduate credit is not retroactively granted.*

PROCEDURE FOR VETERANS. Students who wish to avail themselves of educational benefits under the terms of PL 550 ("Korean" GI Bill) should present their discharge papers and establish their eligibility through the Veterans' Administration Regional Office, 208 S. W. Fifth Avenue, Portland 4, Oregon. The process should be initiated as early as possible since two months may elapse before authorization is granted. Payments are made to students from the date of enrollment or from the date of authorization, whichever is later. Full-time enrollment for PL 550 veterans is 11 or more term hours in the summer session.

Veteran students enrolled in Portland State College or in any other institution during spring term of 1958 must complete a transfer to Portland Summer Session in order to receive subsistence benefits from the Veterans' Administration. To insure early payment this transfer should be arranged with the Veterans' Coordinator before the end of the spring term.

Questions of veterans' eligibility and entitlement should be directed to the Veterans' Administration at the address given on the preceding page. Questions concerning Portland Summer Session procedures for veterans should be addressed to Veterans' Coordinator, Business Office (CA 2-4251, Ext. 352), 1724 S. W. Park Avenue, Portland, Oregon.

Summer Session Fees

(Office Hours: 8:00 a.m.-5:00 p.m., Monday through Friday, during entire session;
9:00-11:30 a.m. on Saturdays during June only;
5:30-9:00 p.m. Tuesday, June 24 only)

Summer Session Registration Fees Are as Follows:

FULL-TIME STUDENTS (7 credit hours or more)	_____	\$71.00
PART-TIME STUDENTS AND AUDITORS		
(for 6 credit hours or less)—per credit hour (minimum \$18)	_____	\$ 9.00
1 credit hour	_____	\$18.00
2 credit hours	_____	18.00
3 credit hours	_____	27.00
4 credit hours	_____	36.00
5 credit hours	_____	45.00
6 credit hours	_____	54.00

For noncredit college preparatory courses, charges shall be based upon units of time spent in class each week on a basis equivalent to \$9 per credit hour.

SHORT COURSES AND WORKSHOPS—Follow above schedule according to credit-hour load.

STAFF FEES—Academic staff members with .50 FTE or more, but less than 1.00 FTE, may take a maximum of 10 credit hours. Full-time staff members, both academic and non-academic, may take a maximum of 5 credit hours. No fees for staff members to audit courses.

Fees for staff members in all categories above, taking courses for credit, per credit hour _____ \$3.00

SPECIAL FEES—Late registration full-time students (due after third day of a session), per day (not applicable to short courses) _____ \$1.00

If institutional charges are met by a check which is returned because of any irregularity for which the student is responsible (NSF, illegible signature, improper bank account number, etc.), a fine of \$1.00 per business day will be charged (maximum penalty, \$5.00).

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

NOTE: \$71 covers all courses of the 8-week summer session, including all short courses begun prior to or within that period and completed by the end of the 8 weeks. For post-session courses which end after regular session, students will be charged at the rate of the part-time fee, \$9 per credit hour.

Fee Refunds

Students whose official withdrawal from summer session has been completed in the Registrar's office may be entitled to certain refunds of registration fees paid. *Refunds in all cases are calculated from June 23 to the date of application for the refund and not from the date the student may have registered or may have ceased attending classes. Claims for refunds must be made in writing.*

Library Regulations and Charges

Note: The library card is issued upon presentation of the student's tuition receipt. This receipt should therefore be preserved, even when payment of tuition is by check.

The following regulations govern library fines and charges:

1. A fine of 5 cents per day is charged for all overdue books other than reserve books.
2. The following fines are charged for violation of rules governing reserve books and material circulated by special permission: (a) For overdue books, a regular fine of 25 cents for the first hour and 5 cents for each succeeding hour, or fraction thereof, until the book is returned or reported lost. A maximum charge of \$1.00 per hour may be made in cases of flagrant violation of the rule. (b) For failure to return books to proper department desks, a fine of 25 cents is levied.
3. Books needed for use in the library are subject to recall at any time. A maximum fine of \$1.00 a day may be imposed for failure to return promptly.
4. A service charge of 10 cents is added to all fines reported to the business office for collection.
5. Borrowers losing books are charged the replacement cost of the book, plus the amount of fine incurred up to the time the book is reported missing. In addition, a charge of \$1.00 is made to cover the cost of cataloging and processing the replacement copy.
6. When a lost book, for which the borrower has been billed, is returned before a replacement has been ordered, a refund not exceeding the replacement cost plus the \$1.00 cataloging and processing charge may be made at the discretion of the librarian.
7. Borrowers are issued a library card for use in the charge-out machine. A replacement fee of 25 cents is charged if this card is lost, or is not returned when student withdraws during a term.

General Services

COLLEGE CENTER. The new College Center is located on the corner of S. W. Montgomery Street and Park Avenue. Every regularly-registered student may use the varied facilities offered in the College Center and may participate in the summer social and activity programs.

LIBRARIES. Portland Extension Center Library, located on the second floor of Old Main building, will be open during Portland Summer Session from 7:30 a.m. to 4:30 p.m. Mondays through Fridays, and from 5:30-8:30 p.m., Tuesdays and Thursdays only.

In addition to the Portland Extension Center Library, the Portland Central Library collection, totaling more than three-fourths of a million volumes, is available to Summer Session students. Portland Central Library is located at 810 S. W. 10th Avenue. It is open from 9:00 a.m. to 9:00 p.m. weekdays and from 9:00 a.m. to 6:00 p.m. on Saturdays. The Library will be closed on Sundays.

TEXTBOOKS AND SUPPLIES. All required texts and supplies may be purchased from the Cooperative Bookstore located in the College Center building.

HOUSING. Portland Summer Session has no housing of its own, but an effort will be made to find accommodations for both faculty and students. Requests should be addressed to John F. Jenkins, 1620 S. W. Park Avenue, Portland 1, Oregon.

CAFETERIA. Located at the south end of the lower floor of the College Center, the cafeteria offers complete meal service. Hours during the summer will be:

10:45 a.m.-1:45 p.m., Monday through Friday

SNACK BAR. Located on the ground floor of the College Center building, the Snack Bar offers breakfasts, hot or cold drinks, hot or cold sandwiches, ice cream and pastries. Hours during the summer will be:

7:30 a.m.-4:30 p.m., Monday through Friday

4:30 p.m.-6:30 p.m. and 7:30 p.m.-8:30 p.m., Monday through Thursday

FOOD SERVICE. The College Center Food Service provides special dining rooms for groups wishing refreshments, luncheons and dinners. Reservations may be made with the Director of Food Service in the College Center building.

PUBLICATIONS. The *Summer Signal*, a newspaper devoted exclusively to Summer Session news and designed to provide practical experience in school journalism, is published by Portland Summer Session for students and faculty.

ASSEMBLIES. Each Wednesday from 10:00 to 10:50 a.m. an assembly is scheduled in the auditorium. (Classes scheduled for this day and hour will meet as usual, unless instructors feel that the program is relevant to the class work.)

RECREATION. Summer session students may enjoy the varied recreational facilities of the Portland metropolitan area. Conveniently located parks and playgrounds, swimming pools, golf courses and tennis courts, theaters and musical events, Portland Art Museum, and excellent library services are available. In addition, Portland offers easy access to the beautiful beaches of the famed Oregon coast, and to alpine resorts in the surrounding mountain ranges. A summer session recreational program, including organized trips and other activities, will be directed by the staff.

1958

Portland Summer Session Description of Courses

COURSE NUMBERING SYSTEM. The courses in this catalog are numbered in accordance with the course-numbering system of the Oregon 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. Graduate courses are numbered 500-599. A large (G) following the title of a 400 course indicates that the course may be taken for either major or minor graduate credit. A small (g) following the title of a 400 course indicates that the course is approved for graduate minor credit only. Numbers less than 50 indicate non-credit courses.

INSTITUTIONAL SOURCE OF COURSES. For the convenience of students using this catalog the letters *U*, *S*, *C*, *P*, and *E* appear in the left margin before course descriptions. The letter *U* refers to University of Oregon, *S* to Oregon State College, *P* to Portland State College, *C* to the colleges of education, and *E* to General Extension Division. These indicate that the accompanying course appears in the catalog of the institution designated and is a regular offering of that institution.

Anthropology

Faculty: BRANT

- (P) Anth 208. **Introduction to Cultural Anthropology.** (Second Term). 3 hours.
The meaning of culture: its significance for human beings; its diverse forms and degrees of elaboration among different groups of men; its process of growth and expansion. MTuThF, 10:00, Room 219 SH.
- (U) Anth 414. **Race and Culture.** (G) 3 hours.
Racial classifications and comparisons; the biological base of culture; attitudes toward race in human relations. Prerequisite: 9 hours in anthropology or consent of instructor. MTuWF, 11:00, Room 15 SH.

Art

Faculty: BRYCE, COLESCOTT, DONOHO, GIVLER, GRIMM, HEIDEL, PRASCH, RIEGGER.

- (P) AA 217. **Lettering.** 1 hour.

(Offered concurrently with AA 295—students must register for a total of 3 hours.) Lettering, including a study of historic styles such as Roman, Gothic, Old English, as well as the modern decorative, manuscript, and poster types. Prsch. TuWThF, 12:00 to 2:00, Room 319 OM.

(P) AA 255. Ceramics. 3 hours.

(June 23 to August 1). Introduction to ceramic techniques and materials. Throwing, moulding, and hand building. Surface decoration of two- and three-dimensional surfaces. Students participate in stacking, firing, and drawing the kilns. Open to non-majors. Course fee \$20.00 in addition to registration fee. Riegger. MTuWTh, 1:00 to 4:00, Art Museum.

(P) AA 257. Jewelry and Metalsmithing. 3 hours.

Introduction to the handworking of nonferrous metals—copper, brass, pewter, silver, gold. Development of design for metal objects. Enameling on metal; centrifuge casting; lapidary work. Grimm. MWThF, 9:00, Room 373 OM.

(P) AA 290. Painting. 3 hours.

(June 23 to August 1). Instruction in the use of oil color, water color, and other media. Twelve term hours required for upper-division standing. Course fee \$7.50 in addition to registration fee. Givler. Section I: MTuWTh, 9:00 to 12:00, Art Museum. Section II: MTuWTh, 1:00 to 4:00, Art Museum.

(P) AA 291. Drawing. 3 hours.

Training in observation and selection of significant elements. Six term hours required for upper-division standing. Heidel. TuWThF, 12:00 to 2:00, Room 317 OM.

(P) AA 295. Display Design. 2 hours.

(Offered concurrently with AA 217—students must register for a total of 3 hours.) Practical design experience in commercial art lettering, layouts, packaging, and display advertising. Prash. TuWThF, 12:00 to 2:00, Room 319 OM.

(P) AA 311, 312, 313. Creative Arts and Crafts for the Classroom Teacher. 3 hours each.

Art activities for the classroom teacher. Basic tools and materials. Planning the art program to meet the needs of the child. Art in the school curriculum. Art experiences in relation to child growth and development. Lectures and laboratory work. Prerequisites for AA 313 are AA 311 and 312.

AA 311. Colescott. MWThF, 9:00, Room 319 OM.

AA 312. Colescott. MTuThF, 10:00, Room 319 OM.

AA 313. Donoho. MWThF, 9:00, Room 317 OM.

(P) AA 365. Introduction to the History of Art. 3 hours.

An historical survey of the visual arts. Selected works of painting, sculpture, architecture and the other arts are studied in relation to the cultures producing them. Prash. MTuThF, 10:00, Room 301 OM.

(P) AA 396. Advanced Figure Composition and Design. 3 hours.

Advanced problems of design and illustration, including the main procedures of layout design and figure composition. Work in various painting and drawing media. Prerequisite: 6 term hours in AA 290, 291, or 295. Heidel. TuWThF, 2:00 to 4:00, Room 317 OM.

(P) AA 401. Special Studies. Hours to be arranged.

Staff.

(U) ArE 501. Special Studies: Current Problems in Art Education. 3 hours.
Bryce. (See Workshops, page 45.)

See the following listed under EDUCATION:

(C) Ed 407. **Workshop: Creative Crafts for Children.** 3 hours. Donoho.

(C) Ed 410. **Methods and Research Materials: Art.** (G) 3 hours. Donoho.

Business Administration

Faculty: BECK, BOYD, CAMPBELL, DAVIS, HINDS, SCHMELZLEE, WATSON, ZIEBARTH.

(P) BA 111, 112, 113. Constructive Accounting. 3 hours each.

Technique of account constructional preparation of financial statements. Application of accounting principles to practical business problems. Required of majors, prerequisite to advanced work in business.

BA 111. June 23—July 10. Section I: Hinds. TuWThF, 9:00 to 12:00, Room 113 OM.

BA 111. June 23-August 15. Section II: Schmelzlee. TuTh, 6:00 to 8:00, *evening*, Room 115 SH.

BA 112. July 11-July 28. Hinds. TuWThF, 9:00 to 12:00, Room 113 OM.

BA 113. July 29-August 15. Hinds. TuWThF, 9:00 to 12:00, Room 113 OM.

(P) BA 121. Introduction to Business and Industry. 3 hours.

Survey of business organization, operation, and management intended to orient the student in business and industry, and to help him determine a field of major concentration. Boyd. MTuWTh, 12:00, Room 307 SH.

(P) BA 221. Elements of Organization and Production. 4 hours.

Principles of management as applied to commercial and industrial concerns. Ziebarth. Daily, 9:00, Room 151 SH.

(P) BA 222. Elements of Finance. 4 hours.

The financial problems of corporations. Organization of corporations; how they obtain long-term funds; management of working capital; distribution of securities. Required of all majors. Prerequisite: BA 111, 112, 113. Watson. Daily 12:00, Room 223 SH.

(P) BA 223. Elements of Marketing. 4 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. Campbell. TuTh, 6:45 to 9:15 *evening*, Room 119 SH.

(P) BA 239. Advertising. 3 hours.

Advertising as a factor in the distribution process; advertising agencies; evaluation and selection of advertising media for various types of business establishments; preparation of copy. Schmelzlee. MTuWTh, 12:00, Room 119 SH.

(U) BA 312. Principles of Cost Accounting. 3 hours.

Basic principles of cost-accounting procedure, the cost accounting cycle, control of materials, labor and manufacturing expense; departmentalization; emphasis on job-order cost system. Prerequisite: BA 111, 112, 113. Boyd. TuTh, 8:00 to 10:00 *evening*, Room 115 SH.

(U) BA 407. Seminar in Business Problems: Personnel Administration. (G) 3 hours.

Psychological concepts of motivation and group dynamics applied to personnel policies and practices, including executive training and leadership. Beck, Davis. TuTh, 8:00 to 10:00 *evening*, Room 175 SH.

(U) BA 449. Industrial Traffic Management. (G) (First Term). 3 hours.

Organization of a traffic department; organization and service of rail, truck, and air lines; theory and application of freight rates; shipping documents; routing; materials handling; claims; classification and rate-committee procedure. Prerequisite: BA 221, 222, 223. Ziebarth. TuTh, 8:00 to 10:00 *evening*, Room 15 SH.

(U) BA 453. **Business Policy.** (G) 3 hours.

Coordination of the specialized work given in the school; the interdependence of different departments of a business concern. Open to senior majors who have had or are taking BA 416, 417, 418. Prerequisite: BA 221, 222, 223; Ec 201, 202, 203. Ziebarth. MTuThF, 10:00, Room 151 SH.

(U) BA 459. **Problems in Business Finance.** (G) 3 hours.

Financial problems involved in promotion, organization, obtaining permanent and working capital, bank loans, commercial-paper borrowing, management of earnings, administration policies. Prerequisite: BA 221, 222, 223. Watson. TuWThF, 1:00, Room 223 SH.

(U) BA 463. **Investments.** (G) (First Term). 3 hours.

Methods for evaluating various kinds of investment securities; formulation of an investment policy. Detailed study of the special phases of investments, including taxation, brokerage services, and security markets. Application of investment principles to the analysis of specific securities in the industrial public-utility, and rail-road fields. Watson. TuTh, 6:00 to 8:00, *evening*, Room 223 SH.

(U) BA 483. **Accounting Theory and Practice.** (G) (First Term). 3 hours.

The development of basic accounting principles, concepts, and conventions, in relation to general problems of valuation and income measurement; corporate accounts and procedures, profit and loss analysis, statements from incomplete data, prior-years adjustments, statement of application of funds. Prerequisite: BA 111, 112, 113. Boyd. TuWThF, 1:00, Room 215 SH.

(S) BA 497. **Human Relations in Business and Industry.** (g) 3 hours.

Relationships among managerial, supervisory, and other workers; actual cases used to help develop attitudes, frames of reference, and approaches which will be useful in solving human relations problems in business. Prerequisite: senior standing. Davis. MTuThF, 10:00, Room 323 SH.

See the following listed under SECRETARIAL SCIENCE:

(P) SS 111. **Stenography.** (First Term). 3 hours. Backlund.(P) SS 122. **Typing.** (Second Term). 2 hours. Backlund.

Driver Education

Faculty: NEYHART, URLAUB

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

(August 18-22). 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. Neyhart. Daily, 8:00 to 12:00 and 1:00 to 5:00, Room 111 SH.

(S) IE 507. **Seminar: Advanced Course in Driver Education.** 3 hours.

(August 25-29). Designed especially for individuals who have completed the basic course and wish advanced training. Prerequisite: IE 412 and at least one year of teaching experience in driver training instruction or consent of the instructor. Urlaub. Daily, 8:00 to 12:00 and 1:00 to 5:00, Room 57 SH.

Economics

Faculty: BLUMEL

(P) Ec 201, 202. **Principles of Economics.** (First and Second Terms). 3 hours each. (See following page).

Principles that underlie production, exchange, distribution, etc. Prerequisite: sophomore standing.

Ec 201. MTuWTh, 12:00, Room 103 OM.

Ec 202. TuWThF, 1:00, Room 103 OM.

(P) Ec 318. **Money and Banking.** 3 hours.

Operations of commercial banks, the Federal Reserve System, and the Treasury which affect the United States monetary system. Prerequisite: Ec 201, 202, 203 or consent of instructor. TuTh, 6:00 to 8:00 *evening*, Room 15 SH.

Education

Faculty: ALSIP, ANDERSON, BECK, BENNEE, BERKEL, BIERMAN, BINCHAM, BOYD, BURTON, CHOATE, CREEDON, DARLAND, DONOHO, EVANS, FERRIER, FULLMER, GOLDSCHMIDT, GRIDLEY, GUY, HAAS, HARTLEY, HITCHCOCK, HOLLAND, HOPSON, JENKINS, JONES, LARIVIERE, LEAVITT, MCGULL, MALTER, MEINDL, MINEAR, MOORHEAD, MORRISON, MORROW, OLDS, OLIVER, O'ROURKE, PETERSEN, PHELPS, PIERSON, PUCKETT, RUDELL, SCHULZ, SHAFER, SITES, SMITH, SPALDING, STONER, SULLIVAN, TAYLOR, WILCOX, WILLIAMS, WOLF, YOUNG.

(P) Ed 111. **Orientation to Teaching.** 3 hours.

This course is intended to assist prospective teachers to make effective adjustments to college and social needs through acquainting them with methods of study, use of library, time budgeting, and social and recreational opportunities. It will also provide opportunity for becoming acquainted with the demands and rewards of the teaching profession. Tests will be given in order that each student may understand how nearly his speech, hearing, vision, and personality fit him for teaching. Leavitt. TuWThF, 1:00, Room 106 OM.

(P) Ed 310. **School in American Life.** 3 hours.

A course designed to acquaint prospective teachers with the historical and philosophical background and development of the American public school. Special attention will be given to the development of the present day curricular practices and a comparison of opposing philosophies of education. In this course attention will be devoted to Oregon School law and System of Education.

Section I: Anderson. TuWThF, 1:00, Room 207 SH.

Section II: Ferrier. TuWThF, 8:00, Room 307 SH.

(P) Psy 311. **Human 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. Prerequisite: Psy 201.

Section I: Sullivan TuWThF, 8:00, Room 151 SH.

Section II: Sullivan. MTuWF, 11:00, Room 104 OM.

(P) Ed 312. **Educational Psychology: Learning.** 3 hours.

A consideration of the nature of the learner, changes which occur in learning processes, conditions under which learning best takes place, and the characteristics and methods of the teacher who directs learning in the school. Basic concepts of measurement are utilized to evaluate the changes which characterize learning. Field experiences supplement theoretical study. Prerequisite: Psy 201, 202.

Section I: Jones. TuWThF, 8:00, Room 106 OM.

Section II: Malter. MTuWF, 11:00, Room 106 OM.

- (P) Ed 314. **Principles of Secondary Teaching.** 3 hours.
Different methods of presentation of subject-matter; values and weaknesses of each method; individual and group differences; extracurricular activity programs; measuring the results of teaching. Prerequisite: Ed 310, 312. Minear. MWThF, 9:00, Room 301 OM.
- (P) Ed 344. **Physical Education in the Grades.** 3 hours.
(July 21-August 15). Theory and practice in rhythm; singing games, group and folk dancing; students, games, self-testing activities, tumbling; materials; planning and evaluating programs with reference to basic principles of physical education. Puckett. MWThF, 2:00 to 4:00, Gym.
- (P) Ed 351. **Health Education.** 3 hours.
(July 21-August 15). Teaching of health education with emphasis on health knowledge, health attitudes, and health habits of school children, and the development of a health-service program. Special study of the state health-education program. Prerequisite: GS 101, 102, 103. Puckett. MTuWTh, 11:00 to 1:00, Room 120 OM.
- (P) Ed 356. **Methods and Materials: Reading in the Elementary School.** 3 hours.
The place of reading in the modern elementary school. Trends and practices in reading instruction and prevention of reading difficulties. A study of appropriate materials and methods. Prerequisite: Ed 310, 312, and Psy 311.
Section I: Bingham. TuWThF, 8:00, Room 207 OM.
Section II: Stoner. MTuWF, 11:00, Room 207 OM.
- (P) Ed 358. **Methods and Materials: Language Arts and Social Studies.** 3 hours.
Trends and practices in listening, speaking, spelling, handwriting and English. Educational objectives of social studies and social problems of elementary school pupils. Organization and planning of a unit of work. Attention will be given to appropriate methods and materials in language arts and social studies. Prerequisite: Ed 310, 312, and Psy 311.
Section I: Bingham. MWThF, 9:00, Room 207 OM.
Section II: Choate. MTuWTh, 12:00, Room 207 OM.
- (P) Ed 359. **Methods and Materials: Science and Mathematics.** 3 hours.
Science and mathematics in the elementary schools. Methods in the area of science, including experiments, demonstrations, trips, and instructional materials. Trends and practices in the teaching of mathematics. Emphasis will be placed upon basic principles, research studies, problem solving, and the utilization of life situations. Prerequisite: Ed 310, 312, and Psy 311.
Section I: Leavitt. MTuThF, 10:00, Room 207 OM.
Section II: Malter. TuWThF, 1:00, Room 207 OM.
- (P) Ed 380. **Elementary-School Library.** 3 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 services of the school library to the community. LaRiviere. TuWThF, 1:00, Room 208 OM.
- (P) Eng 388. **Children's Literature and Library.** 3 hours.
An introductory course designed to give acquaintance with some significant books

- for children, with emphasis on the quality of a book; its format, text, and illustrations. An investigation of school library procedures with suggestions for the presentation of children's literature in the elementary school. Petersen. TuWThF, 8:00, Room 208 OM.
- (P) Ed 389. **Reading and Telling Children's Stories.** 3 hours.
An introduction to the collection of old folk and modern fanciful tales, with laboratory practice in the reading and telling of stories for children through the elementary grades. Prerequisite: Eng 388 or consent of instructor. Registration only by signature of the instructor. Petersen. MThWF, 11:00, Room 204 OM.
- (P) Ed 390. **Enriching Children's Reading.** 3 hours.
A study of the enrichment of children's reading through literature. An advanced course designed for parents and teachers of nursery, kindergarten, and elementary school children. Prerequisite: Eng 388 or consent of instructor. Petersen. MWThF, 9:00, Room 204 OM.
- (P) Ed 401. **Research.** Hours to be arranged.
- (S) Ed 407. **Seminar: Workshop in Conservation and Outdoor Education for Elementary and Secondary Teachers.** 3 hours.
Hopson, Gridley and staff. (See WORKSHOPS, Page 45.)
- (C) Ed 407. **Workshop: 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. Donoho. MTuWF, 11:00, Room 317 OM.
- (S) Ed 407. **Seminar: Workshop in Advanced Conservation and Outdoor Education.** 3 hours.
Hopson and special staff. (See WORKSHOPS, Page 45.)
- (U) Ed 409. **Psycho-Educational Clinic.** (G) 3 hours.
Practice, under supervision, in diagnostic and remedial treatment of learning disabilities of elementary and high school pupils. Clinic work will be limited to the diagnosis and correction of reading and speech disabilities. Six hours credit may be arranged by consent of instructor. Prerequisite: Ed 465 or consent of instructor. Phelps, Berkel. Daily, 9:00 or 10:00 or 11:00, Room 7 Shattuck School.
- (C) Ed 410. **Methods and Research Materials.** (G) 3 hours.
Problems and methods in selecting and organizing materials for teaching. Emphasis for graduate students will be placed upon recent research and literature, dealing with instructional materials, methods and facilities, including the completion of a special project. Maximum 6 hours undergraduate and 9 hours graduate credit may be earned in Ed 410 courses. Students may not enroll for more than three hours credit in any one area during the summer session. Students must indicate at the time of registration whether level of study is elementary or secondary.
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| Art..... | Donoho. TuWThF, 8:00, Room 317 OM. |
| Language Arts..... | Choate. MTuThF, 10:00, Room 216 OM. |
| Social Studies..... | Phelps. MTuWF, 11:00, Room 216 OM. |
| Reading..... | Choate. TuWThF, 1:00, Room 216 OM. |
| Music..... | Sites. MTuThF, 10:00, Room 311 SH |
- (C) Ed 410. **Methods and Research Materials: Elementary School Science.** (G) 2 hours.
Leavitt, Young. (See WORKSHOPS, Page 45.)

- (C) Ed 415. **Student Teaching (Elementary).** 3 or 6 hours.
Observation and teaching under the direction of a supervising teacher. Students will be provided with opportunities for assuming direct responsibility for the learning activities of children, for developing skill in the techniques of teaching and schoolroom management and related professional activities. Weekly seminar. A limited number of local residents who are graduates of three- or four-year teacher education programs can be accommodated. Applications must be submitted in advance. List of prerequisites and application forms can be secured from Supervisor of Elementary Student Teachers, Portland Summer Session. Hartley. Daily, as arranged and Thursday, 2:00 to 4:00, Shattuck School.
- (U) Ed 416. **Student Teaching (Secondary).** 9 hours.
Supervised teaching experience in limited phases of high school teaching. Two seminars weekly. A limited number of college graduates can be accommodated in the fields available. List of prerequisites and application forms can be secured from Supervisor of Secondary Student Teachers, Portland Summer Session. Anderson, Jenkins. Daily, 8:00 to 10:00; Seminar: TuTh, 2:00 to 4:00, Room 106 OM.
- (C) Ed 424. **Measurement in Education.** (G) 3 hours.
Use and interpretation of informal and standardized tests as supervisory and guidance instruments for the diagnosis, analysis, evaluation, and improvement of instruction in the elementary and secondary schools. Test planning, item writing, essay testing, administration and scoring, analysis of scores and grade assignment. Simple statistics of test interpretation. Pierson. MTuThF, 10:00, Room 107 OM.
- (S) Ed 435. **Audio-Visual Aids.** (G) 3 hours.
Film, slide, chart, and other visual materials; selection and use to best advantage; operation of projectors and other equipment. Prerequisite: senior standing or consent of instructor.
Section I: Malter. MWThF, 2:00, Room 208 OM.
Section II: Shafer. MWThF, 9:00, Room 208 OM.
- (S) Ed 440. **History of Education.** (G) 3 hours.
Growth and development of education; Plato, Aristotle, Renaissance educators, Comenius, Locke, Rousseau, Pestalozzi, Froebel, Herbert Spencer, and Dewey. Prerequisite: Ed 310, 312. Guy. MTuWF, 11:00, Room 207 SH.
- (C) Ed 451. **Preprimary Education: Kindergarten.** (G) 3 hours.
An evaluation of the preprimary period in terms of the opportunities it affords to build up good attitudes toward school life, to help the child adjust himself to the group, to build up good habits of work, and to develop a readiness for subjects in the first-grade curriculum, such as reading, numbers, and language. Bingham. MTuWF, 11:00, Room 206 OM.
- (U) Ed 455. **Primary-Education Workshop: Teaching in the Self-Contained Classroom.** (G) 3 hours.
O'Rourke. (See WORKSHOPS, Page 45.)
- (U) Ed 457. **Intermediate and Upper-Grade Workshop: Teaching in the Self-Contained Classroom.** (G) 3 hours.
O'Rourke. (See WORKSHOPS, Page 45.)
- (U) Psy 460. **Developmental Psychology I: Infancy and Childhood.** (g) 3 hours. (See Psy 461)
- (U) Psy 461. **Developmental Psychology II: Adolescence and Maturity.** (g) 3 hours. (See following page).

- Development of behavior and psychological activity through the prenatal period, infancy, childhood, adolescence, maturity, and old age. Changes of intelligence, motor capacity, emotional response, language, and social behavior. Emphasis on social influence.
Psy 460. Bennee. MTuWTh, 12:00, Room 111 OM.
Psy 461. Beck. MWThF, 9:00, Room 119 SH.
- (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. Bennee. MWThF, 9:00, Room 121 OM.
- (U) Ed 463. **The Maladjusted Child.** (G) 3 hours.
The discovery and treatment of the emotionally and socially maladjusted child; the home, school, and community in relation to the child's mental health. Creedon. MTuWF, 11:00, Room 155 SH.
- (U) Ed 464. **The Mentally Deviate Child.** (G) 3 hours.
Identification and guidance of the mental deficient, the slow learner, and the gifted. Identification, classification, and diagnosis for an educational program. Guidance of the educable mentally retarded. Taylor. TuWThF, 8:00, Room 17 SH.
- (C) Ed 467. **Applied Mental Hygiene.** (G) 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. Prerequisite: Psy 201, 202. Wilcox. MWThF, 9:00, Room 206 OM.
- (C) Ed 468. **Diagnostic and Remedial Instruction in Reading.** (G) 3 hours.
Opportunity for experienced teachers to consider the typical causes of difficulty in the reading program and to evaluate procedures to be used in remedial classes, by means of lectures, demonstrations, readings, and case studies. Bennee. MTuThF, 10:00, Room 111 OM.
- (C) Ed 472. **Principles and Practices in Curriculum Construction.** (G) 3 hours. (See Ed 566)
- (C) Ed 473. **Administration of the Elementary School.** (G) 3 hours.
(See Ed 554)
- (C) Ed 474. **Supervision of the Elementary School.** (G) 3 hours.
(See Ed 574.)
- (U) Ed 475. **Parent-Teacher Organization.** 2 hours.
(August 18-22). A one-week course 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 the close and effective home-school-community cooperation. Current source materials and parent-teacher practices and programs will be examined. Special programs facing both beginning and experienced teachers will be studied. Moorhead. Daily, 9:00 to 12:00, and 1:00 to 3:00, Room 107 SH.
- (S) Ed 476. **School Law and Organization.** (G) 2 hours.
Oregon school system and laws on which it is based; problems of Oregon schools; plans for solution; course of study; trends in educational development. Prerequisite: junior standing. Meindl. TuWF, 8:00, Room 301 OM.
- (U) Ed 480. **Psychology of Reading Instruction.** (G) 3 hours.
The fundamental nature of the reading process; principles of growth, adjustment,

and learning basic to reading achievement; psychological foundations of methods of reading instruction. Phelps. TuWThF, 8:00, Room 216 OM.

- (S) Ed 485. **Principles and Practices of Guidance Services.** (G) 3 hours.
Beginning course in guidance. Overview of guidance and personnel work; vocational, educational, health, social, personality, recreational, and individual development; participation of teachers, counselors, and administrators, parents and community organizations in a program of guidance. For teachers and administrators. Prerequisite: senior standing. Hitchcock. MTuWTh, 12:00, Room 151 SH.
- (S) Ed 486. **Occupational and Educational Information.** (G) 3 hours.
Materials available regarding occupations; interpretations of present trends; value and usefulness for high school and college students. Prerequisite: senior standing. Hitchcock. MWThF, 9:00, Room 223 SH.
- (S) Ed 487. **Counseling Techniques.** (G) 3 hours.
(See Ed 526)
- (C) Ed 493. **Observation and Evaluation of Teaching.** (G) 1 to 3 hours.
Opportunity for experienced teachers to observe modern trends in elementary education as carried on in the demonstration school; and to discuss educational theories and practices. (Weekly seminar.) A limited number of applicants will be assigned to the few places available in this course. Selection will be made from written applications filed in advance with the Supervisor of Elementary Student Teachers, Portland Summer Session. O'Rourke. TuWThF, 8:00, Room 123 SH.
- (U) (S) Ed 501. **Research.** Authorization and hours to be arranged.
Prerequisite: graduate standing.
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| Curriculum Instruction..... | Phelps |
| Elementary Education..... | Malter, Phelps |
| Evaluation and Surveys..... | Fullmer |
| Field Study..... | Staff |
| Guidance..... | Hitchcock |
| History and Philosophy of Education..... | Guy |
| Psycho-Educational Problems..... | Boyd, Schulz |
| School Administration..... | Spalding |
| Secondary Education..... | Fullmer, Pierson |
| Teacher Education..... | Malter, Phelps |
- (U) (S) (C) Ed 503. **Thesis.** Hours to be arranged.
- (U) (S) Ed 505. **Reading and Conference.** Authorization and hours to be arranged.
Prerequisite: graduate standing.
- (C) Ed 506. **Special Individual Studies.** Maximum of 6 hours.
Authorization and hours to be arranged. Prerequisite: graduate standing. (See Ed 501 for areas).
- (U) Ed 507. **Education Seminar: Reading and Telling Children's Stories.** 3 hours.
An introduction to the collection of old folk and modern fanciful tales, with laboratory practice in the reading and telling of stories for children through the elementary grades. Prerequisite: Eng 388 or consent of instructor. Registration only by signature of instructor. Petersen. MTuWF, 11:00, Room 204 OM.
- (U) Ed 507. **Education Seminar: Learning—Thinking and Problem Solving.** 3 hours.
Concept formation, the learning of generalizations, laws and principles, and the development of modes of thinking and work methods. Acquaintanceship with

- Piaget, Communication Theory, Semantics and Cognitive Learning Theory. Jones. MTuThF, 10:00, Room 121 OM.
- (U) Ed 507. **Education Seminar: Psycho-Educational Problems.** 1 to 6 hours.
Supervised individual casework with children who have learning or behavior problems in the school. Training in interviewing, psychological evaluation, prognosis, and treatment procedures. Enrollment limited to those with sufficient education and/or experience background. Prerequisite: consent of instructor. Boyd. Hours to be arranged. Initial meeting Tuesday, June 24, 9:00, Room 175 SH.
- (U) Ed 507. **Education Seminar: Pupil Programming in the Secondary School.** 3 hours.
Marshalling the curricular and social resources of the secondary school for planning pupil programs to achieve optimum development of students. Minear. MTuWF, 11:00, Room 213 O.M.
- (U) Ed 508. **Workshop: Television.** 2 hours.
O'Rourke, Williams and staff. (See WORKSHOPS, Page 45.)
- (S) Ed 508. **Workshop: Alcohol Education for Secondary Teachers.** 3 hours.
Ferrier. (See WORKSHOPS, Page 45.)
- (S) Ed 508. **Workshop: Adolescent Problems.** 2 hours.
Schulz, Boyd, Morrison and staff. (See WORKSHOPS, Page 45.)
- (S) Ed 508. **Workshop: Air and Space Education.** 6 hours.
Olds, Haas, Alsip, and special staff. (See WORKSHOPS, Page 45.)
- (S) Ed 508. **Workshop: Conservation and Outdoor Education for Elementary and Secondary Teachers.** 3 hours.
Hopson, Gridley and staff. (See WORKSHOPS, page 45.)
- (U) Ed 508. **Workshop: Economic Education.** 6 hours.
Wolf, Smith and staff. (See WORKSHOPS, page 45.)
- (U) Ed 508. **Reading Conference.** 2 hours.
Phelps, Burton and staff. (See WORKSHOPS, page 45.)
- (S) Ed 508. **Workshop: Counseling.** 6 hours.
Morrow, McGill and staff. See WORKSHOPS, page 45.)
- (U) Ed 508. **Workshop: Curriculum (Language Arts).** 3 hours.
O'Rourke. (See WORKSHOPS, page 45.)
- (U) Ed 508. **Workshop: Bill of Rights Education.** 6 hours.
Bierman, Goldschmidt. (See WORKSHOPS, page 45.)
- (U) Ed 508. **Workshop: Arithmetic.** 2 hours.
Ruddell. (See WORKSHOPS, page 45.)
- (S) Ed 508. **Workshop: Citizenship Education.** 2 hours.
Wolf. (See WORKSHOPS, page 45.)
- (E) Ed 508. **Workshop: Advanced Conservation and Outdoor Education.** 3 hours.
Hopson and special staff. (See WORKSHOPS, page 45.)
- (U) Ed 508. **Workshop in Children's Literature.** 3 hours.
A study of the enrichment of children's reading through literature. An advanced course designed for parents and teachers of nursery, kindergarten, and elementary

- school children. Prerequisite: Eng 388 or consent of instructor. Petersen. MWThF, 9:00, Room 204 OM.
- (S) Ed 511. **Recent Educational Trends and Problems.** 3 hours.
Trends, problems, and developments in all fields of education with particular reference to high schools. Prerequisite: 24 hours of upper-division education, including student teaching. Ferrier. MWThF, 9:00, Room 323 SH.
- (U) (C) Ed 512. **Research Procedures in Education.** 3 hours.
The nature and procedures of research in education: special techniques of thesis, field study, research paper, and dissertation. Open to graduate students majoring in other fields. Does not take the place of individual supervision of the student's thesis. An introductory course in statistics is desirable preparation. Leavitt. MTuWF, 11:00, Room 208 OM.
- (C) Ed 513. **Evaluation of Classroom Instruction.** 3 hours.
Emphasis upon application of criteria for self-evaluation by individual teachers. Observation of effective teaching in the laboratory school. Analysis of research relating to teaching and discussion methods, group dynamics, and the evaluation of individual teaching. O'Rourke. TuWThF, 8:00, Room 123 SH.
- (C) Ed 514. **Foundations of Education.** 3 hours.
(See Ed 565).
- (C) Ed 518. **Public and Professional Relations.** 3 hours.
A consideration of the professional responsibilities and ethics of teachers, as related to the lay public, related social agencies, and to the education profession. Procedures in group dynamics, public relations, advisory councils, working with parents and parent groups. Emphasis upon means for achieving the professionalization of teaching. Darland. TuWThF, 8:00, Room 121 OM.
- (S) Ed 522. **Secondary School Curriculum.** 3 hours.
Advanced course for experienced teachers. Schools in the community; guidance activities in school; extra class activities; role of school in contemporary society; teacher in local community. Prerequisite: graduate standing in education. Minear. MTuThF, 10:00, Room 208 OM.
- (S) Ed 523. **School Activities.** 3 hours.
Principles and purposes of school activities; pupil participation in school government; assemblies, clubs, social activities, athletics, speech activities, drama, music and publications; evaluation of activity program. Prerequisite: Ed 310, 312. Shafer. MTuThF, 10:00, Room 119 SH.
- (U) Ed 526. **High School Counseling.** 3 hours.
The purpose, techniques, and processes of counseling. Dynamics of adjustment and personality change. Methods of promoting emotional, educational, and occupational adjustment. Prerequisite: Ed 485. Fullmer. MTuWTh, 12:00, Room 104 OM.
- (S) Ed 527. **Secondary-School Administration and Supervision.** 3 hours.
Principalship; principles of administration, staff relationships, public relations, professional growth; business administration; administration of guidance services, curriculum, activities; evaluation of secondary schools. Prerequisite: secondary certificate, one year of secondary teaching experience. Shafer. MTuWTh, 12:00, Room 204 OM.
- (U) Ed 535. **Social Studies in the Elementary School.** 3 hours.
Social-education objectives; children's social problems; unit development; work-study skills; organization of the program, materials; research findings basic to the

- social education of children. For experienced elementary teachers. Phelps. MTuWF, 11:00, Room 216 OM.
- (U) Ed 536. **Language Arts in the Elementary School.** 3 hours.
The role of language arts in the elementary school program; objectives; research findings on language development; the teaching of spelling, writing, and speaking-listening skills; newer instructional materials; testing and evaluation. Choate. MTuThF, 10:00, Room 216 OM.
- (U) Ed 537. **Reading in the Elementary School.** 3 hours.
Nature of the reading process, objectives, organization of a desirable reading program; reading readiness, reading skills; procedures and materials for developing children's reading abilities; methods of diagnosing difficulties and evaluating progress; research findings concerning the teaching of children to read. Choate. TuWThF, 1:00, Room 216 OM.
- (S) Ed 543. **History of American Education.** 3 hours.
Intellectual development of America with special reference to education. Prerequisite: graduate standing in education. Guy. MTuWTh, 12:00, Room 207 SH.
- (S) Ed 546. **Philosophy of Education.** 3 hours.
Fundamental problems of education, with some attempt at their solution; meaning of philosophy; philosophy of education; value for teacher and administrator. Prerequisite: graduate standing in education. Guy. MWThF, 9:00, Room 207 SH.
- (U) Ed 553. **Elementary-School Curriculum.** 3 hours.
(June 23-July 18) A systematic study of the elementary-school curriculum, including pupil needs in everyday life situations, objectives, essentials of a good program, varying curriculum designs, organization of learning experiences, evaluation of learning, and appraisal of newer curriculum practices. Oliver. TUWThF, 12:00 to 2:00, Room 357 SH.
- (S) Ed 561. **Advanced Educational Psychology.** 3 hours.
Experimental material that seems most useful and relevant to educational psychology. Prerequisite: graduate standing in education. Jones. MTuWF, 11:00, Room 119 SH.
- (U) Ed 565. **Curriculum Foundations.** 3 hours.
Implications of basic social, philosophical, and psychological factors in curriculum planning and organization; historical background; techniques of curriculum planning. Spalding. MWThF, 9:00, Room 155 SH.
- (U) Ed 566. **Curriculum Construction.** 3 hours.
Survey and appraisal of curricular patterns; state and city programs; courses of study in major subject areas; techniques of course-of-study planning. Spalding. MTuThF, 10:00, Room 175 SH.
- (U) Ed 572. **Public School Administration.** 3 hours.
(July 21-August 15) Interpersonal relationships in administration; school-board powers, duties, roles, relationships; the superintendency—roles, responsibilities, issues, problems; problems of staff personnel; student personnel problems at the local district level; problems and issues relating to the development of effective school-community relationships. Spalding. TuWThF, 12:00 to 2:00, Room 357 SH.
- (U) Ed 573. **Public School Organization.** 3 hours.
The schools in relation to state and Federal agencies; the intermediate unit, its purposes, organization, trends; local school districts—problems of organization, plant planning and management; school business administration, transportation, school finance, textbooks and supplies; extralegal agencies affecting education. Darland. MTuThF, 10:00, Room 120 OM.

- (U) Ed 574. **School Supervision.** 3 hours.
(June 23-July 18). Purpose and plans for supervision; use of tests, diagnosis of pupil difficulty, etc., as applied to both elementary and secondary schools. Evans. MTuWTh, 11:00 to 1:00, Room 120 OM.
- (U) Ed 575. **School Finance.** 3 hours.
(June 23-July 18). The problems of school finance and business management; sources of school income; relationship to the state financial structure; budgeting and accounting. The work includes the construction of a school budget. Prerequisite: work in administration and organization; or consent of instructor. Evans. TuWThF, 8:00 to 10:00, Room 120 OM.
- (U) Ed 576. **School Buildings.** 3 hours.
(July 21-August 15). Study of the problems involved in planning, financing, and construction of school buildings, care and maintenance of buildings; problems of equipment. The work includes analysis of the problems of a specific district. Prerequisite: work in administration and organization; or consent of instructor. TuWThF, 8:00 to 10:00, Room 120 OM.
- (S) Ed 589. **Organization and Administration of Guidance Services.** 3 hours.
Criteria for evaluating present personnel services, setting up guidance committees, selection of personnel, responsibilities and duties of staff, development of program of services, and in-service training program. Prerequisite: Ed 485, 487. Hitchcock. MTuWF, 11:00, Room 219 SH.

Engineering

Faculty: JANNSEN, KELLAS

- (P) GE 101, 102, 103. **Engineering Concepts.** 3 hours each.
Lectures and elementary problems dealing with the basic concepts common to all fields of engineering; engineering analysis and methods of work. Prerequisite: Mth 100 or equivalent. Kellas. Daily, 9:00 to 12:00, Room 417 SH.
- (P) GE 113. **Engineering Graphics.** (Third Term). 2 hours.
Fundamental principles and the rules of composition of the graphic language of engineering. Jannsen. TuTh, 6:00 to 10:00, *evening*, Room 417 SH.

English

Faculty: BOGGS, FORD, FRANCHERE, HART, JOHNSON, LILL, NETBOY, OLIVER, PETERSEN, WALLER, YORKS

Literature

- (P) Eng 104, 105. **Appreciation of Literature.** (First and Second Terms). 3 hours each.
The aim is to stimulate the appreciation and criticism of literature through a study of the outstanding works in prose and poetry, selected from all periods including the twentieth century; includes works in English and translations from other literatures.
Eng 104. Waller. TuTh, 6:00 to 8:00 *evening*, Room 155 SH.
Eng 105. Lill. TuWThF, 1:00, Room 105 OM.
- (P) Eng 107, 109. **World Literature.** (First and Third Terms). 3 hours each.
A sequence in narrative prose, drama, and poetry. Complete books are studied so that the student may be familiar with some of the masterpieces in Western world literature.
Eng 107. Lill. MTuThF, 10:00, Room 106 OM.
Eng 109. Hart. MTuWTh, 12:00, Room 215 SH.
- (P) Eng 201. **Shakespeare.** (First Term). 3 hours.
Study of the important plays—comedies, histories, and tragedies. Hart. MTuThF, 10:00, Room 19 SH.
- (S) Eng 211. **Vocabulary Building.** 3 hours.
Through analysis of words and meanings in context seeks to increase vocabulary, reading comprehension, and effective use of language. Yorks. TuTh, 8:00 to 10:00 *evening*, Room 151 SH.
- (P) Eng 253, 254. **Survey of American Literature.** (First and Second Terms). 3 hours each.
American literature from its beginning to the present day. Two consecutive terms will satisfy the high-school teaching requirement in English. Ford.
Eng 253. TuWThF, 8:00, Room 111 OM.
Eng 254. MWThF, 9:00, Room 111 OM.
- (P) Eng 313. **Tragedy, Comedy, and Satire.** (Third Term). 3 hours.
Satire. Satire, or criticism through ridicule, as a major type of literary expression. Examples from various literary forms—dramatic, narrative, and poetic—and from ancient and foreign literatures, as well as English. Special emphasis on contemporary satire. Oliver. TuWThF, 1:00, Room 123 SH.
- (P) Eng 371. **The Novel.** (First Term). 3 hours.
A general study of the novel as a literary type in relation to the epic and older narrative forms. Studies in the art of the novel as illustrated in the works of English, American, and continental masters. Traditions and experiments in the genre to be read and discussed against the cultural backgrounds which they represent. Prerequisite: one sequence in literature. Boggs. MTuWTh, 12:00, Room 123 SH.
- (P) Eng 388. **Children's Literature and Library.** 3 hours.
An introductory course designed to give acquaintance with some significant books for children, with emphasis on the quality of a book; its format, text, and illustrations. An investigation of school library procedures with suggestions for the presentation of children's literature in the elementary school. Petersen. TuWThF, 8:00, Room 208 OM.
- (P) Eng 394. **Twentieth Century Literature.** (First Term). 3 hours.
British and American literature since 1900. Johnson, MTuWF, 11:00, Room 112 OM.
- (U) Eng 398. **Contemporary Drama.** (First Term). 3 hours.
English and continental romantic drama, the new stage realism, melodrama, and the triumph of naturalism with Ibsen and the Russians. Johnson. TuTh, 8:00 to 10:00 *evening*, Room 219 SH.
- (U) Eng 405. **Reading and Conference.** Hours to be arranged.
Franchere and staff.
- (U) Eng 407. **Seminar in Special Authors.** (G) 3 hours.
Thoreau and Whitman. Placing these two authors in relation to American literary and cultural expression. Oliver. MTuThF, 10:00, Room 213 OM.
- (U) Eng 430. **Literature of the Renaissance.** (G) (First Term). 3 hours.
Renaissance thought. Waller. MTuWTh, 12:00, Room 121 OM.

- (P) Eng 467. **Main Currents in American Literature and Culture.** (First Term). 3 hours.
The Puritan and religious current, the Enlightenment and the Humanitarian current, the Frontier and the western current. Prerequisite: Eng 253, 254, 255, or consent of instructor. Oliver. MTuWF, 11:00, Room 123 SH.
- (U) Eng 488. **Literature for Teachers.** (g) 3 hours.
For students interested in teaching high-school English. Training in comprehension and analysis of representative literary works. Readings from English and American literature, selected in part from state-adopted high-school texts. Does not apply toward the satisfaction of the minimum requirements for a major in English. Franchere, Hart. MWThF, 9:00, Room 215 SH.
- (U) Eng 491. **Introduction to Modern English.** (g) 3 hours.
A general view of modern English vocabulary, grammar, pronunciation, and spelling. Recommended for teachers of English. Boggs. MTuThF, 10:00, Room 215 SH.
- (U) Eng 505. **Reading and Conference.** Hours to be arranged.
Franchere and staff.
- (C) Hum 511. **Contemporary Developments in the Humanities.** (First Term). 3 hours.
Emphasis upon the search for values in the modern world as reflected in forces shaping contemporary philosophies, trends in contemporary literature, and developments in language study, with implications for public school personnel. Selected readings from leading contemporary thinkers and writers. Yorks. MWThF, 9:00, Room 104 OM.

Writing

- (E) Wr 12. **Writers Conference.** (Non-credit).
Netboy and staff. (See WORKSHOPS, Page 45.)
- (P) Wr 111, 112, 113. **English Composition.** 3 hours each.
The fundamentals of English composition; frequent written themes. Special attention to correctness in fundamentals and to the organization of papers. Wr 111 is a prerequisite for Wr 112, and Wr 112 is a prerequisite for Wr 113.
Wr 111. Waller. MTuWF, 11:00, Room 111 OM.
Wr 112. Lill. MTuWTh, 12:00, Room 112 OM.
Wr 113. Johnson. TuTh, 6:00 to 8:00 *evening*, Room 219 SH.
- (P) Wr 214. **Business English.** 3 hours.
Study of modern practices in business correspondence, primarily for students of business administration. Analysis and writing of the principal types of correspondence. Prerequisite: Wr 111, 112, 113. Netboy. TuTh, 6:00 to 8:00 *evening*, Room 123 SH.
- (U) Wr 411. **English Composition for Teachers.** (g) 3 hours.
For students expecting to teach English in high school. Practice in writing and a review of the rules of composition. Recommended for satisfaction of the high-school teaching requirements in English. Prerequisite: Wr 111, 112, 113. Boggs. MWThF, 9:00, Room 123 SH.

Foreign Languages

Faculty: HANNAN, LOGAN

*French

- (P) RL 50, 51. **First-Year French.** 8 hours. (Description, footnote p. 31).

An introduction to French, stressing reading and speaking. Exercises in elementary composition and grammar. Hannan. Daily, 11:00 to 1:00, Room 19 SH.

*German

- (P) GL 50, 51. **First-Year German.** 8 hours.
Provides a thorough grammatical foundation and an elementary reading knowledge of German, as well as an understanding of the spoken language. Logan. Daily, 8:00 to 10:00, Room 213 OM.
- (P) GL 101. **Second-Year German.** 4 hours.
Review of grammar and composition. Reading of selected texts of representative authors. Logan. Daily, 11:00, Room 175 SH.
- Deutsche Sommerschule am Pazifik.* A program of intensive instruction in the German language and literature for advanced students will be offered in cooperation with Reed College from June 27 to August 14. For further information write Dr. H. F. Peters, Reed College, Portland 2, Oregon.

*Spanish

- (P) RL 60, 61. **First-Year Spanish.** 8 hours.
An introduction to Spanish, stressing speaking and reading. Exercises in elementary composition. Hannan. Daily, 8:00 to 10:00, Room 19 SH.

General Studies

Portland Summer Session Adviser: GUY
Chairman, University of Oregon Committee: SORENSON
Chairman, Oregon 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

Faculty: BROOKE, COURTNEY, DART

- (P) Geog 105, 106, 107. **Introductory Geography.** 3 hours each.
A general introduction to the field of geography, in sequence as follows: Geog 105, physical elements; Geog 106, earth resources; Geog 107, cultural elements.
- Geog 105. Section I: Courtney, MWThF, 9:00, Room 101 OM.
Section II: Dart. TuTh, 8:00 to 10:00 *evening*, Room 101 OM.
- Geog 106. Dart. MTuThF, 10:00, Room 101 OM.
- Geog 107. Brooke. MTuWF, 11:00, Room 101 OM.
- (U) Geog 301. **Geography of North America.** (First Term). 3 hours.
Geography of the continent north of the Rio Grande. Prerequisite: Geog 105, 106, 107 or Geog 201, 202, 203. Courtney. MTuThF, 10:00, Room 104 OM.
- (P) Geog 304. **Economic Geography.** (First Term). 3 hours.
A systematic survey of man's occupations in response to resources provided by

* Students who complete RL 50, 51; GL 50, 51; or RL 60, 61 with a grade of A or B may enter Second-Year French, German or Spanish in the fall term.

- natural environment. Special emphasis on significance of geographic factors in structure and location of industry. Brooke. TuTh, 6:00 to 8:00 *evening*, Room 101 OM.
- (S) Geog 323. **Geography of Pacific Northwest.** 3 hours.
Analysis of human and economic geography of the Pacific Northwest with special attention to Oregon. Prerequisite: Geog 107. Brooke. TuWThF, 1:00, Room 101 OM.
- (U) Geog 426. **Geography of Europe.** (G) 3 hours.
Some of the special problems of Europe today studied in light of the geography of the continent. Prerequisite: Geog 105, 106, 107 or Geog 201, 202, 203. Courtney. MTuWTh, 12:00, Room 101 OM.
- (U) Geog 427. **Geography of the Soviet Union.** (G) 3 hours.
Geography of the Soviet Union; its resources, peoples, and world position. Prerequisite: Geog 105, 106, 107 or Geog 201, 202, 203. Dart. TuWThF, 8:00, Room 101 OM.

Health and Physical Education

Faculty: HOLLAND, LENSCH, PUCKETT, RODNEY, TURNER

- (P) PE 180. **Physical Education. (Women).** 1 hour.
A variety of activities taught for physiological and recreational values. Special sections for restricted and corrective work. A total of five terms required for all lower-division women students. Turner. TuWThF, 1:00, Gym.
- (P) PE 190. **Physical Education (Men).** 1 hour.
A variety of activities taught for physiological and recreational values. Special sections for restricted and corrective work. A total of five terms required for all lower-division men students. Turner. TuWThF, 1:00, Gym.
- (P) HE 252. **First Aid.** 3 hours.
Study of first aid and safety procedures—for the individual, schools, athletics, and civilian defense; meets certification standards of the American Red Cross. Holland. MTuThF, 10:00, Room 105 OM.
- (P) PE 341. **Principles and Practices of Physical Education.** 3 hours.
An interpretative study and analysis of the principles and practices of physical education, through their historical development and in their present application and significance. Holland. MWThF, 9:00, Room 105 OM.
- (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. Holland. MTuWTh, 12:00, Room 106 OM.
- (S) PE 407. **Seminar: Sports Fitness.** (g) 3 hours.
An opportunity for elementary school instructors and specialists to experience the practical and theoretical application of rhythmical group calisthenics, gymnastics, track and field, softball, volleyball, swimming, tennis, etc., in an organized setting. The setting is a Sports Fitness Camp geared to boys and girls between the ages of 7 and 12. The practical work—one-half day, morning or afternoon, Monday through Friday; theory—hours to be arranged. Registration only by prior consultation with instructor. Lensch.

- (U) PE 408. **Workshop: Camping Education and Recreation, Section I Organization and Management.** 6 hours.
Rodney and special staff. (See WORKSHOPS, page 45.)
- (U) PE 408. **Workshop: Camping Education and Recreation, Section II Program and Leadership.** 3 hours.
Rodney and special staff. (See WORKSHOPS, page 45.)
- (U) PE 411. **Physical Education Workshop: Rhythms and Dance.** (g) 3 hours.
For physical education teachers in the public schools. Instruction, demonstration and practice of rhythmic, folk and social dancing. Projects in the organization of a program in rhythmic and folk dancing for the public schools in the light of objectives, standards and purposes of the Oregon physical education program. Turner. TuWThF, 1:00, Gym.
- (S) PE 447. **Principles of Physical Education.** (g) 3 hours.
General philosophy and principles of physical education and their relation to general education. Prerequisite: PE 411 or consent of instructor. Holland. MWThF, 9:00, Room 105 OM.
- (U) HE 450. **Elementary-School Health Education.** (g) 3 hours.
(July 21-August 15). The purposes and requirements of the school health service program, with emphasis on organization and procedures for the school health examination. Organization and presentation of teaching materials based on the health needs of the child, community needs, and school health services. Puckett. MTuWTh, 11:00 to 1:00, Room 120 OM.
- (U) PE 508. **Workshop: Camping Education and Recreation, Section I Organization and Management.** 6 hours.
Rodney and special staff. (See WORKSHOPS, page 45.)
- (U) PE 508. **Workshop: Camping Education and Recreation, Section II Program and Leadership.** 3 hours.
Rodney and special staff. (See WORKSHOPS, page 45.)
- See the following listed under EDUCATION:*
- (P) Ed 344. **Physical Education in the Grades.** 3 hours. Holland.
- (P) Ed 351. **Health Education.** 3 hours. Puckett.

History

Faculty: COX, DMYTRYSHYN, ELLISON, GALLANAR, GILMORE, HOFFMANN, WHITE

- (P) Hst 101, 102. **History of Western Civilization.** (First and Second Terms). 3 hours each.
Origins and development of Western civilization from ancient times to the present. Gallanar.
- Hst 101. TuTh, 6:00 to 8:00 *evening*, Room 107 SH.
- Hst 102. TuWThF, 8:00, Room 112 OM.
- (P) Hst 201, 202, 203. **History of the United States.** 3 hours each.
From colonial times to the present day.
- Hst 201. White. TuTh, 8:00 to 10:00 *evening*, Room 207 SH.
- Hst 202. Ellison. MTuThF, 10:00, Room 112 OM.
- Hst 203. Cox. TuWThF, 1:00, Room 111 OM.

- (P) Hst 208. **English History.** (Second Term). 3 hours.
A survey of the political, economic, social, intellectual and religious developments of Tudor and Stuart England, 1485-1715. No prerequisite required. White. MWThF, 9:00, Room 17 SH.
- (U) Hst 351. **Hispanic America.** (Second Term). 3 hours.
A survey of Hispanic America from the early Indian civilization through the periods of Spanish conquest and colonization; the wars of independence; the rise of national states; their internal development and foreign relations. Hoffmann. MTuThF, 10:00, Room 17 SH.
- (U) Hst 434. **Western Institutions and Ideas.** (G) (First Term). 3 hours.
Intensive study of selected ideas and institutions that have influenced the history of Western civilization. Prerequisite: a college-level introductory course in European history. Gallanar. MWThF, 9:00, Room 112 OM.
- (U) Hst 445. **Europe Since 1939.** (g) 3 hours.
Origins and course of World War II; postwar developments in the European states. Dmytryshyn. TuTh, 6:00 to 8:00 *evening*, Room 17 SH.
- (S) Hst 448. **Soviet Union.** (g) 3 hours.
Political, diplomatic, economic, and social development of Russia from 1917 to present. Prerequisite: Hst 101, 102, 103. Dmytryshyn. TuWThF, 1:00, Room 155 SH.
- (U) Hst 462. **History of American Thought and Culture.** (g) (Third Term). 3 hours.
Main currents of American intellectual and cultural life from colonial times to the present, in relation to trends of public opinion and political and social action. Prerequisite: Hst 201, 202, 203 or consent of instructor. Ellison. MTuWF, 11:00, Room 115 SH.
- (U) Hst 476. **History of the West.** (G) (First Term). 3 hours.
The American frontier: the early American frontier. Hoffmann. TuWThF, 1:00, Room 121 O.M.
- (U) Hst 478. **History of the Pacific Northwest.** (G) 3 hours.
Detailed study of the building of civilization in the Pacific Northwest. Not open to students who have taken Hst 377. Prerequisite: Hst 201, 202 or consent of instructor.
Section I: Ellison. TuWThF, 8:00, Room 110 OM.
Section II: Gilmore. TuWThF, 1:00, Room 110 OM.
Section III: Gilmore. TuTh, 6:00 to 8:00 *evening*, Room 207 SH.
- (C) SSc 511. **Contemporary Developments in the Social Sciences.** (First Term). 3 hours.
Considerations of main developments, trends, and thinking of leaders in the various social science areas. Study of processes through which logical conclusions concerning problems of society can be formulated. Readings from selected articles and books highlighting current thinking. Hoffmann. MTuWF, 11:00, Room 17 SH.

See the following listed under POLITICAL SCIENCE:

- (U) PS 441. **Area Tensions in the World Today.** (Near East). (G) 3 hours. Cox.

Home Economics

Faculty: GATTON, GRANT

- (S) CT 408, 508. **Workshop: Wool.** 2 hours. (See following page).

(August 3-9). Purpose of the workshop is to present a broad picture of the living fiber—wool, from the sheep to the finished wool product. The history, properties, manufacturing, merchandising and present-day uses will be presented by industry experts. Field trips to the Pendleton Woolen Mills' vertical operations include the scouring plant, fabric mill and garment factories in the greater Portland area. Merchandising of finished wool products will be noted on field trip to a large department store. Enrollment limited to Home Economists including teachers, researchers, business and extension workers. For additional information contact Robert J. Gridley, Coordinator of Workshops, 1633 S.W. Park Avenue, Portland 1, Oregon. Gaton, Grant. Daily, 9:00 to 12:00 and 1:00 to 4:00. Initial meeting is 7:00 p.m. Sunday, August 3, at Portland State College Center, S. W. Park Avenue and Montgomery Street, Portland 1, Oregon. Classes begin August 4, Pendleton Woolen Mills, 218 S.W. Jefferson Street, Portland 4, Oregon.

Journalism

Faculty: BAUER, MARTIN

- (P) J 211. **Introduction to Journalism.** 3 hours.
An introduction to the newspaper and other media of mass communication, including news, editorial, pictorial, business, and advertising aspects. Bauer. TuWThF, 8:00, Room 115 SH.
- (U) J 455. **Supervision of School Publications.** (g) 3 hours.
The teacher's role in guiding student publications in secondary schools and junior colleges. (Limited to teachers who are or will be engaged in secondary school or junior college publications work, and to upper-division students intending to teach in secondary schools or junior colleges). Martin. TuWThF, 8:00, Room 308 OM.

Mathematics

Faculty: BYRNE, LAWRENCE, PETERSON, STANTON

- (P) Mth 60. **Elements of Algebra.** 4 hours.
For students entering with less than one year of algebra. Open to others only on recommendation of the department. May not be taken for credit after completion of higher courses in college mathematics, except Mth 111. Stanton. Daily, 11:00, Room 214 OM.
- (P) Mth 100. **Intermediate Algebra.** 4 hours.
Prerequisite: one year of high school algebra, or Mth 60.
Section I: Stanton. Daily, 10:00, Room 214 OM.
Section II: Lawrence. TuTh, 6:45 to 9:15 *evening*, Room 111 SH.
- (P) Mth 102. **Plane Trigonometry.** 4 hours.
Prerequisite: Mth 101. Stanton. Daily, 2:00, Room 104 OM.
- (P) Mth 103. **Analytic Geometry.** 4 hours.
Prerequisite: Mth 102. Byrne. Daily, 1:00, Room 104 OM.
- (P) Mth 111. **Mathematics for Elementary Teachers.** 3 hours.
Treatment of historical aspects of mathematics, social uses and relationships, mathematical principles, development of problem-solving ability, and proficiency in the fundamental skills of mathematical processes. Byrne. Section I: MWThF, 9:00, Room 115 SH. Section II: MTuThF, 10:00, Room 115 SH.

- (P) Mth 203. **Differential and Integral Calculus**. (Third Term). 4 hours.
Standard sequence for students of science and engineering. Prerequisite: Mth 103. Peterson. Daily, 10:00, Room 207 OM.
- (C) Mth 311. **Foundations of Mathematics**. 3 hours.
Mathematical background information and theory essential for teaching in the elementary school. Byrne. Section I: MWThF, 9:00, Room 115 SH. Section II: MTuThF, 10:00, Room 115 SH.
- (S) Mth 405. **Reading and Conference**. Hours to be arranged.
Peterson.
- (S) Mth 525. **Vector Analysis**. 3 hours.
Modern vector and matrix methods with applications for students of physics, engineering, and mathematics. Prerequisite or parallel: differential equations. Peterson. MTuWTh, 12:00, Room 113 OM.

Music

Faculty: ALBERTSON, SITES, STEHN, TRUDEAU

- (P) Mus 111. **Music Theory**. (First Term). 4 hours.
A course which provides a thorough groundwork in the elements of music science—melodic, harmonic, and rhythmic—taught through the analysis of the styles of Bach, Haydn, Mozart, Beethoven, and other eighteenth- and nineteenth-century composers. Albertson. TuTh, 6:45 to 9:15 *evening*, Room 311 SH.
- (P) Mus 190. **Applied Music**. 1 to 2 hours.
Freshman year. Individual instruction in organ, piano, violin, cello, harp, voice, orchestral and band instruments. For music majors and music instructors. By arrangement. Stehn. Room 365 SH.
- (P) Mus 290. **Applied Music**. 1 to 2 hours.
Sophomore year. Continuation of Mus 190, which is prerequisite. By arrangement. Stehn. Room 365 SH.
- (P) Mus 323. **Choral Conducting**. 2 hours.
The principles of conducting and training choral organizations. Practical experience in conducting campus organizations. Albertson. MTuTh, 12:00, Room 311 SH.
- (P) Mus 381, 382. **Music Fundamentals**. 3 hours each.
A musical background for the elementary teacher to build a basic musicianship through experiences that apply to the teaching of music in the elementary classroom. Required of majors in elementary education.
Mus 381. Sites. MTuWF, 11:00, Room 311 SH.
Mus 382. TuWThF, 1:00, Room 311 SH.
- (P) Mus 383. **Music Fundamentals (Teacher Education)**. 3 hours.
Experience in teaching the various music activities found in the elementary classroom. Required of majors in elementary education. Sites. TuWThF, 8:00, Room 311 SH.
- (P) Mus 390. **Applied Music**. 1 to 2 hours.
Junior year. Prerequisite: Mus 290 or equivalent. By arrangement. Stehn. Room 365 SH.
- (P) Mus 395. **Band**. 1 hour.
Six hours maximum credit. Trudeau. TuTh, Start 6:45 *evening*, Room 457 SH.

- (P) Mus 397. **Chorus**. 1 hour.
Six hours maximum credit. Albertson. WF, 12:00, Room 457 SH.
- (P) Mus 490. **Applied Music**. 1 to 2 hours.
Senior year. Continuation of Mus 390, which is prerequisite. By arrangement. Stehn. Room 365 SH.
- See the following listed under EDUCATION:
- (C) Ed 410. **Methods and Research Materials: Music**. (G) 3 hours. Sites.

Philosophy

Faculty: NEWHALL, POLONOFF

- (P) Phl 201. **Elementary Logic**. 3 hours.
An introduction to the study of some of the persistent problems of philosophy. Polonoff. TuWThF, 8:00, Room 103 OM.
- (P) Phl 202. **Problems of Philosophy**. 3 hours.
An introduction to the philosophical study of morality, e.g., right and wrong, free will and determination, morals and society, etc. Polonoff. MWThF, 9:00, Room 219 SH.
- (P) Phl 203. **Elementary Ethics**. 3 hours.
An introduction to the study of reasoning. How to recognize, analyze, criticize, and construct the main types of argument and proof. Newhall. TuWThF, 8:00, Room 219 SH.
- (P) Phl 331. **Contemporary Philosophy**. 3 hours.
Some common phases of recent philosophical discovery. No prerequisite, but not open to lower division students. Newhall. MTuThF, 10:00, Room 223 SH.
- (U) Phl 471. **Philosophy of Science**. (G) 3 hours.
Analysis of basic concepts of science, such as "explanation," "chance," "causation," etc. Nature of mathematics and its relation to science. Polonoff. MTuWTh, 12:00, Room 219 SH.
- (P) Hum 401. **Special Studies**. Hours to be arranged.
- (P) Hum 407. **Seminar: Plato**. 3 hours.
The dialogues of Plato. A study of the main dialogues and discussion of their historic and contemporary significance. Newhall. MTuWF, 11:00, Room 223 SH.

Political Science

Faculty: BIERMAN, COX, DIXON, GOLDSCHMIDT

- (P) PS 201. **American Governments**. (First Term). 3 hours.
National government. Dixon. TuWThF, 1:00, Room 120 OM.
- (U) PS 412. **Public Administration and Policy Development**. (G) (Second Term). 3 hours.
Study of the organization and activities of government in carrying out public policy. Dixon. MTuThF, 10:00, Room 15 SH.
- (U) PS 441. **Area Tensions in the World Today**. (Near East). (G) 3 hours.
A detailed analysis of international politics in the Near East from the dissolution of the Ottoman Empire to the present. Particular attention will be focused on the rise of the Turkish Republic and the independent Arab states, currents of Arab

nationalism, the Arab League, Israel strategy of the Straits of Suez, politics of oil, economic development, impact of modernization, and the future of the Near East in world affairs. Cox. MTuWTh, 12:00, Room 155 SH.

- (U) PS 507. **Seminar: Bill of Rights Education.** 6 hours.
Bierman, Goldschmidt. (See WORKSHOPS, page 45.)

Psychology

Faculty: BECK, BENNEE, BOYD, CREEDON, POWLOSKI, SULLIVAN, WILCOX

- (P) Psy 201, 202. **General Psychology.** 3 hours each.
Introductory study of behavior and conscious processes. Survey of experimental studies with reference to motivation, learning, thinking, perceiving, and individual differences. Powloski.
Psy 201. TuWThF, 8:00, Room 105 OM.
Psy 202. MTuWF, 11:00, Room 105 OM.
- (P) Psy 204. **Psychology of Adjustment.** 3 hours.
The nature and origins of differences in personality; means of making desired changes. Wilcox. MTuWF, 11:00, Room 121 OM.
- (P) Psy 311. **Human 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. Prerequisite: Psy 201. Section I: Sullivan. TuWThF, 8:00, Room 151 SH. Section II: Sullivan. MTuWF, 11:00, Room 104 OM.
- (S) Psy 411. **Mental Hygiene.** (g) 3 hours.
Principles and application of mental hygiene to problems of individuals in home, school, and occupational situations. Prerequisite: Psy 314 or equivalent. Wilcox. MWThF, 9:00, Room 206 OM.
- (U) Psy 421, 422. **Principles and Methods of Psychological Assessment.** (G) 3 hours each.
Application of psychological methods to the study of the individual; survey of intelligence, achievement, special-aptitude, and personality tests; theoretical and statistical background for interpretation of test scores; training in diagnosis of actual cases. Boyd. TuWThF, 8:00, Room 175 SH.
- (U) Psy 424, 425. **Individual Intelligence Testing.** (G) 3 hours each.
Supervised practice in the administration, scoring, and interpretation of intelligence tests, chiefly the Stanford-Binet test, the Wechsler intelligence scale for children, and the Wechsler adult intelligence scale. Prerequisite: Psy 421. Boyd. MWThF, 9:00, Room 175 SH.
- (U) Psy 450. **Abnormal Psychology.** (G) 3 hours.
Various forms of unusual behavior, including anxiety states, hysteria, hypnotic phenomena, and psychoses. Normal motives and adjustment mechanisms as they are exaggerated in the so-called neurotic person. Creedon. MTuWTh, 12:00, Room 251 SH.
- (U) Psy 460. **Developmental Psychology I: Infancy and Childhood.** (g) 3 hours. (See Psy 461)
- (U) Psy 461. **Developmental Psychology I: Adolescence and Maturity.** (g) 3 hours.
Development of behavior and psychological activity through the prenatal period,

infancy, childhood, adolescence, maturity, and old age. Changes of intelligence, motor capacity, emotional response, language, and social behavior. Emphasis on social influence.

Psy 460. Bennee. MTuWTh, 12:00, Room 111 OM.
Psy 461. Beck. MWThF, 9:00, Room 119 SH.

- (S) Psy 472. **Individual Differences.** (g) (Second Term). 3 hours.
Theories of individual differences; experimental evidence; importance in personal, educational, and social adjustments; guiding and directing normal development. Prerequisite: Psy 371 or equivalent. Must be taken in sequence or with consent of instructor. Wilcox. TuWThF, 8:00, Room 102 OM.
- (U) Psy 507. **Seminar: Theory of Personality.** 3 hours.
A review and critical analysis of contemporary theories including psychoanalytic interpretations and the approaches of Allport, Lewin, Cattell, and others. Discussions will consider the scientific status and adequacy of the various theories together with the relevance of their supporting data. Powloski. MTuThF, 10:00, Room 204 OM.
- (C) Psy 519. **Research Studies in Child Development.** 3 hours.
Survey and interpretation of current research studies and experimental programs concerned with the physical, emotional, intellectual, and social development of children. Beck. MTuWTh, 12:00, Room 175 SH.

Religion

Faculty: MEANS

- (S) R 212. **The Old Testament and Its Historical Background.** 3 hours.
Old Testament in light of times and conditions which produced it; religion of Israel as it emerges out of critical survey of sources. MTuWTh, 12:00, Room 115 SH.
- (U) R 423. **Philosophy of Religion.** (g) 3 hours.
An inquiry into the nature of religion and its basic underlying convictions. An analysis of the factor of religion and religious thought in culture and civilization. TuWThF, 8:00, Room 214 OM.
- (S) R 462. **History of Great Religions.** 3 hours.
Comparative study of religions that command a large following today, such as Hinduism, Buddhism, Confucian, Judaism, Christianity, and Islam. MWThF, 9:00, Room 214 OM.

Science

Faculty: JOHNSON, LANGE, MALCOLM, MICKELSEN, PAYNE, ROBERTI, WALTON, WINCHELL

Biology

- * (P) Bio 211, 212, 213. **General Zoology.** 3 hours each.
For biology and zoology majors and premedical, pre dental, pre nursing, pre pharmacy, preveterinarian, physical education, psychology, fish and game management, and fisheries students. Malcolm. Lecture: TuWThF, 8:00 to 10:00, Room 309 OM. Laboratory: TuWThF, 10:00 to 12:00 and 1:00 to 3:00, Room 309 OM.

* Students must make special arrangements with the instructor to register for less than the entire sequence.

- * (P) Bio 231, 232, 233. **Human Anatomy and Physiology.** 3 hours each.

An introduction to the study of structure and function of the human body. This course is designed to help the student understand normal structure and functions and give him the knowledge with which he may establish good health practices for himself and also be prepared for giving instruction in biology in the public schools. The subject matter includes the cellular and tissue study of the body systems and their specific functions. Instruction places emphasis on understanding of the body adaptations for reacting and adjusting the whole individual to his environment. This course is not designed for majors in biology. Prerequisite: at least one year of biology or other laboratory science. Payne. Lecture: TuWThF, 8:00 to 10:00, Room 312 OM. Laboratory: TuWThF, 10:00 to 1:00, Room 312 OM.

Chemistry

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

For students majoring in medical technology, pre-dental, nursing, and general studies. Johnson, Mickelsen. Lecture: Daily, 8:00 to 9:30 and 12:30 to 1:30, Room 303 OM. Laboratory: Daily, 9:30 to 12:00, Room 304 OM.

- * (S) Ch 226, 227. **Organic Chemistry.** 5 hours each.

Carbon compounds of the aliphatic series and an intensive study of the chemistry of the aromatic series. Prerequisite: Ch 206. Roberti. Lecture: MTuThF, 9:00 to 11:00, Room 308 OM. Laboratory: MTuThF, 11:00 to 3:00, Room 362 OM.

General Science

- * (P) GS 101, 102, 103. **Biological Science Survey.** 3 hours each.

The fundamental principles of life as they apply to both plants and animals. For general students and those majoring in fields other than biology. Winchell. Lecture: TuWThF, 9:00 to 12:00, Room 314 OM. Laboratory: TuWThF, 1:00 to 2:30, Room 314 OM.

- * (P) GS 104, 105, 106. **Physical Science Survey.** 3 hours each.

Fundamental principles of physics, chemistry, astronomy, and geology; development and application of the scientific method. For students majoring in fields other than the physical sciences who wish a broad view of the principles of several physical sciences. Lange. Lecture: TuWThF, 8:00 to 10:00, Room 107 SH. Laboratory A: TuWThF, 10:00 to 12:30, Room 7 SH. Laboratory B: TuWThF, 12:30 to 3:00, Room 7 SH.

Physics

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

(June 23-August 22). Standard college physics. Prerequisite: Mth 102, or consent of instructor. Walton. Lecture: MTuThF, 9:00 to 12:00, Room 103 OM. Laboratory: MTuThF, 1:00 to 4:00, Room 3 OM.

Secretarial Science

Faculty: BACKLUND

- (P) SS 111. **Stenography.** (First Term). 3 hours.

Theory of shorthand; practical applications in sentence dictation. SS 122 must be taken concurrently unless the student has had the equivalent. Students with one

* Students must make special arrangements with the instructor to register for less than the entire sequence.

year of shorthand are not permitted to take course SS 111 for credit. MTuWF, 11:00, Room 308 OM.

- (P) SS 122. **Typing.** (Second Term). 2 hours.

Theory and practice of touch typing; rhythmical drills, dictation exercises; writing paragraphs; punctuation and mechanical arrangements of business correspondence, legal forms, tabulating, manifolding, speed practice. Daily, 12:00, Room 307 OM.

Sociology

Faculty: BRANT, DRUM, HOFFMANN, JOHNSON, KUTNER

- (E) Soc 11. **Nursing Home Administrators' Training Conference.** Non-credit. Brant, Kutner. (See WORKSHOPS, page 45.)

- (P) Soc 204. **General Sociology.** (First Term). 3 hours.

The basic findings of sociology concerning the individual, culture, group life, social institutions, and factors of social change. Prerequisite: sophomore standing or consent of instructor. Kutner. MTuWF, 11:00, Room 215 SH.

- (P) Soc 334. **Social Psychology.** (First Term). 3 hours.

Analysis of the psychological and sociological processes in personality formation and in various forms of group behavior. Particular attention to origin, function, ideologies, membership, and leadership. Prerequisite: Soc 204, 205, or Psy 201, 202. Kutner. MWThF, 9:00, Room 15 SH.

- (P) Soc 338. **Marriage and the Family.** 3 hours.

The growth and development of the family throughout its life cycle. The family and personality development, dating, courtship, mate selection, engagement, marital and family adjustment, family crises. Prerequisite: junior standing or consent of instructor. Drum. TuTh, 8:00 to 10:00 *evening*, Room 107 SH.

- (U) Soc 407. **Seminar: Social Aspects of Medical Care.** 3 hours.

(See Soc 507.)

- (U) Soc 407. **Seminar: Sociology of Religion.** (G) 3 hours.

Religion as a social system of the over-all society; the patterning of religious behavior; the relation between religion and other social institutions; the religious systems of the world. Johnson. MTuThF, 10:00, Room 251 OM.

- (U) Soc 416. **Criminology and Delinquency.** (G) (First Term: Criminology). 3 hours.

The nature and extent of delinquency and crime as forms of deviant social behavior; contributing factors; current prevention and treatment programs. Prerequisite: Soc 204, 205; or Psy 201, 202; or Soc 307. Drum. TuWThF, 8:00, Room 155 SH.

- (U) Soc 421. **Social Change.** (G) 3 hours.

Sociological analysis of purposive social change as manifest in various programs of social reform and reconstruction. Doctrines examined in relation to the contexts, historical and contemporary, out of which they have evolved. Prerequisite: 9 hours in sociology or consent of instructor. Johnson. TuWThF, 1:00, Room 119 SH.

- (U) Soc 432. **Community Structure and Organization.** (G) (Second Term). 3 hours.

Analysis of the human community. Community change, rural-urban and social class differences in the functioning of community institutions. Prerequisite: Soc 204, 205, 206. Johnson. MTuWTh, 12:00, Room 105 OM.

- (U) Soc 442. **Community Welfare Organization.** (g) (Use of Social Agencies by Teachers, Nurses, and Other Professionals.) 3 hours.

Analysis of the process of bringing about a progressive adjustment between individual and group welfare needs and community resources; the organizational framework within which the process operates; the social structure and dynamics of the community setting. The various types of social welfare resources which teachers, nurses and other professionals can use to help people with social and emotional problems, methods of organizing these resources for the meeting of human needs. Drum. MWThF, 9:00, Room 251 SH.

- (U) Soc 507. **Seminar: Social Aspects of Medical Care.** 3 hours.

Analysis of interpersonal relations in various settings of medical care; outpatient clinics, hospitals, nursing homes. Roles and relationships of patients, physicians, nurses: attitudes, expectations, communication patterns, in various types of care, e.g. pediatric, surgical, rehabilitative. Designed primarily for students engaged in, or preparing for, the health professions: medicine, nursing, hospital and nursing home administration, medical social work, public health teaching, practice and administration. Prerequisite: upper-division standing, or experience in some field of medical care, or consent of staff. Brant, Kutner. TuWThF, 8:00, Room 15 SH.

(NOTE: Students enrolling in this course are strongly urged but not required to attend the Nursing Home Administrators' Training Conference, June 18-20. See WORKSHOPS, page 45. Total cost for the two courses is \$27.)

- (C) SSc 511. **Contemporary Developments in the Social Sciences.** (First Term). 3 hours.

Consideration of main developments, trends, and thinking of leaders in the various social science areas. Study of processes through which logical conclusions concerning problems of society can be formulated. Readings from selected articles and books highlighting current thinking. Hoffmann. MTuWF, 11:00, Room 17 SH.

Speech

Faculty: CASTEEL, DAHLBERG, DEWEESE, ENGLISH, FIBIGER, GAUPP, GIBSON, LESHIN, LILLYWHITE, NELSON, ROBERTS, WILLIAMS

- (P) Sp 111. **Fundamentals of Speech.** (First Term). 3 hours.

Projects in extempore speaking. Primary emphasis on content and organization, with attention also to the student's adjustment to the speaking situation, effective delivery; audience motivation, and language of the speech. Section I: Gibson. TuWThF, 1:00, Room 151 SH. Section II: Gibson. TuTh, 6:00 to 8:00 *evening*, Room 215 SH. Section III: Roberts. MTuWF, 11:00, Room 151 SH. Section IV: Dahlberg. TuWThF, 8:00, Room 251 SH.

- (U) Sp 225, 226. **Public Speaking for Business and Professional Men and Women.** 3 hours.

A practical course in actual speaking. Poise on the floor; improvement of diction and voice; organization of speech material and presentation in direct conversational style. Persuasion in speaking; sales talks. Study of motives that impel men to action and ways of reaching these motives. Gibson. TuTh, 8:00 to 10:00 *evening*, Room 215 SH.

- (C) Sp 319. **Stage Costume and Design.** 2 hours.

Designing of costumes and stage sets for amateur productions. Making of head-dresses, masks, properties, small stage models, decorating material. Actual application to specific plays. Fibiger. MTuWF, 11:00, Room 109 OM.

- (P) Sp 322. **Discussion.** 3 hours.

Theory of discussion as it applies to improved interpersonal relations and coopera-

tive problem-solving. Practice in typical application of discussion in community affairs, in business, and in teaching and other professions. Prerequisite: Sp 111. Roberts. MWThF, 9:00, Room 216 OM.

- (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. Casteel. TuWThF, 1:00, Room 102 OM.

- (U) Sp 371. **Speech Science.** 3 hours.

A study of the anatomy, psychology, and physics of speech. English. MWThF, 2:00, Room 102 OM.

- (P) Sp 413. **Teaching Speech in the Elementary School.** 3 hours.

Methods and materials. Instruction in speech practices and projects suitable for the elementary classroom. Attention to the needs of children with normal speech as well as to the needs of children with defective speech. Recommended for all prospective elementary teachers. English. TuWThF, 1:00, Room 219 SH.

- (P) Sp 414. **Teaching Speech in the Secondary School.** 3 hours.

Methods and materials. Instruction in speech practices and projects for the high school classroom and extracurricular program. Especially recommended for all teachers of language arts on the secondary level. Dahlberg. MTuWF, 11:00, Room 215 OM.

- (U) Sp 424. **Speech Forms and Techniques in Group Control.** (G) 3 hours.

Forms and methods in public speech as they relate to audience psychology and special situations. Study of forum, panel, committee, lecture, and parliamentary principles in terms of factors of attention, information, and persuasion. Special consideration of the needs of school administrators in public relations. Dahlberg. MWThF, 9:00, Room 215 OM.

- (U) Sp 444. **Radio and Television Program Production.** (G)

(First Term). 3 hours.

Production techniques as they apply to major program types. Critical evaluation of programs, programming patterns, audience-analysis techniques. Prerequisite: consent of instructor. Williams. TuTh, 6:00 to 8:00 *evening*, Room 175 SH.

- (U) Sp 451. **Theory of Dramatic Production.** (G) (First Term). 3 hours.

Theory of acting. Gaupp. MTuThF, 10:00, Room 109 OM.

- (U) Sp 481, 482. **Speech Defects and Disorders.** (G) 3 hours each.

First term: symptoms and causes of speech abnormalities; emphasis on diagnosis and basic pathology of articulatory defects and delayed speech, with discussion of methods of treatment limited to general principles. Second term: emphasis on cleft-palate and spastic speech, aphasia, stuttering, and neurological speech disorders. Lillywhite, Nelson.

Sp 481: MWThF, 2:00, Room 175 SH.

Sp 482: TuWThF, 1:00, Room 175 SH.

- (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. Lillywhite and staff. MTuWTh, 12:00 to 1:00 and an additional two hours of clinical practice, time to be arranged either between 8:30 and 11:30 or 1:00 and 4:00. All classes will meet at the Crippled Children's Division Building, 745 S. W. Gaines Street, Portland.

- (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, under

supervision, of speech-defective children and adults. Lillywhite and staff. MTuWTh, 12:00 to 1:00 and two hours of clinical practice, time to be arranged either between 8:30 and 11:30 or 1:00 and 4:00. All classes will meet at the Crippled Children's Division Building, 745 S. W. Gaines Street, Portland.

(U) Sp 487, 488. **Rehabilitation of the Hard-of-Hearing.** (G) 3 hours each.

First term: the nature of hearing; hearing loss and speech involvements. Second term: auditory tests and their interpretation; hearing aids; lip reading and auditory training. DeWeese, Leshin. TuWThF, 1:00 to 3:00, Crippled Children's Division Building, 745 S.W. Gaines Street, Portland.

(U) Sp 507. **Seminar: Argumentation, Discussion, Persuasion.** 3 hours.

A study of the uses and abuses of forms of public discussion as a foundation for the development of skills in speaking and listening; readings in literature of the area, evaluation of current public discussion practice, experience with various public discussion forms. Roberts. MTuWTh, 12:00, Room 363 SH.

(U) Sp 507. **Seminar: Theater for Children.** 3 hours.

The developing and presentation of theater for children and with children, covering the age group of the primary grades. The workshop will go into the basic fundamentals of play selection. Play-making on a creative dramatics principle, casting, costuming, stage-craft, lighting, and directing. The members of the workshop will prepare and perform a production for children which will be presented during the 5th or 6th week of the summer session. Registration on consent of the instructor only. Gaupp, Fibiger. TuWThF, 1:00, Room 109 OM.

(U) Sp 507. **Seminar: School and Community Theater.** 3 hours.

The seminar in school and community theater, while considering the basic fundamentals of play selection, directing, casting, costuming, stage-craft, lighting, and directing productions on the high-school, college and community level, will focus attention on both the straight play and the musical play. The members of the workshop will prepare and present two productions: 1) a straight play to be presented near the end of the 4th week of the summer session, and 2) a musical play, probably a double bill of COX AND BOX and TRIAL BY JURY at the end of the summer session. Registration on consent of the instructor only. Gaupp, Fibiger. MWThF, 2:00, Room 109 OM.

Workshops

Eight-Week Workshops

(U) Ed 455. **Primary-Education Workshop: Teaching in the Self-Contained Classroom.** (G) 3 hours. (June 23-August 15).

Planned for experienced teachers. Of special interest to those who may lack background in music, art and science. Provides opportunity for individual and group study. Effectiveness of techniques; materials and their evaluation; solving of problems gained out of actual experience; construction of materials in relation to scientific procedures. Prerequisite: undergraduate teaching methods and teaching experience or consent of instructor. O'Rourke. MTuThF, 10:00, Room 123 SH.

(U) Ed 457. **Intermediate and Upper-Grade Education Workshop: Teaching in the Self-Contained Classroom.** (G) 3 hours. (June 23-August 15).

(See Ed 455 above)

Six-Week Workshops

(U) PE 408, 508. **Workshop: Camping Education and Recreation. Section I** Organization and Management. 6 hours.

(June 23-July 23). (See FOUR-WEEK WORKSHOPS)

(U) PE 408, 508. **Workshop: Camping Education and Recreation, Section II** Program and Leadership. 3 hours.

(July 24-August 1). (See TWO-WEEK WORKSHOPS)

Four-Week Workshops

(U) Ed 508. **Workshop: Economic Education.** 6 hours. (June 25-July 18).

The workshop will provide an opportunity for experienced secondary school teachers to combine study of economic problems with the development of teaching materials for economic education in the high school. Designed primarily for principals, supervisors, and experienced teachers responsible for social study areas where economic education is taught. The Joint Council and Oregon Council on Economic Education are cooperating with the Portland Summer Session in this workshop. Thirty scholarships will be available to qualified students. Limited enrollment. Requests for scholarship applications should be addressed to Robert J. Gridley, Coordinator of Workshops, 1633 S. W. Park Avenue, Portland 1, Oregon. Wolf, Smith and staff. Daily, 9:30 to 12:00 and 1:00 to 4:00, Room 319 SH.

(S) Ed 508. **Workshop: Air and Space Education.** 6 hours. (July 14-August 9).

Especially planned for elementary and secondary teachers and administrators; will consider economic, social, geographical, military, and technical aspects of the air and space age. Two locations; first three weeks at Portland Air Force Base; last week at the U. S. Naval Ordnance Test Station, China Lake, California. Air transportation to visit the Boeing Airplane Company in Seattle, Washington, and to China Lake, California, to be furnished by the Armed Forces. Open only to those who have never enrolled in an Aviation Education workshop. A limited number of students will be permitted to live at the Portland Air Force Base. Meals and lodging will approximate \$4 per day on base to be paid at time service is rendered. Air transportation and base accommodations limit enrollment. A few scholarships are available. Admission by prior application should be addressed to Robert J. Gridley, Coordinator of Workshops, 1633 S. W. Park Avenue, Portland 1, Oregon. Olds, Haas, Alsip, and special staff. Daily, 9:00 to 12:00 and 1:00 to 4:00.

- (U) PE 408, 508. **Workshop: Camping Education and Recreation, Section I** Organization and Management. 6 hours. (June 23-July 23).

An analysis of organized camp administration and organization; principles and problems of camp management; organizational and administrative techniques for voluntary, private, and public agencies. Emphasis given to school camping and outdoor education practices and problems. Actual learning situations including audio-visual aids, field trips, and directed laboratory experiences utilized to supplement class work. This workshop combined with the subsequent Camp Program and Leadership workshop Section II, presents the entire scope of camping and outdoor education, and thus the combination is highly desirable. Open to elementary and secondary teachers, school, camp, and recreation administrators, voluntary and private agency staff, camp and recreation leaders. Limited enrollment. Admission by prior application should be addressed to Robert J. Gridley, Coordinator of Workshops, 1633 S. W. Park Avenue, Portland 1, Oregon. Rodney and special staff. Daily 9:00 to 12:00, Room 315 SH. Field trips scheduled for certain afternoons.

Three-Week Workshops

- (S) Ed 508. **Workshop: Counseling.** 6 hours. (June 23-July 11).

A program of counselor training dealing with the origin and development of behavior, both normal and deviate. Particular emphasis will be placed on counseling techniques and group processes in identification and dealing with adolescent problems. Open only to experienced counselors or individuals trained in counseling and guidance. Enrollment limited to 40. Applications should be addressed to Miss Frances D. McGill, Guidance Center, 220 N. E. Beech, Portland, Oregon. Applications will be accepted in order received. Morrow, McGill and staff. Daily, 8:30 to 12:00 and 1:00 to 3:30. Benson Polytechnic High School, 546 N. E. 12th, Portland, Oregon.

- (U) Ed 508. **Workshop: Bill of Rights Education.** 6 hours. (July 28-August 15).

An intensive study of the Bill of Rights and its place in American life today. Lectures by distinguished consultants and staff on the various amendments, their origins and status today; class discussions of recent Supreme Court decisions with special emphasis on the First and Fifth Amendments. Special workshop sessions for elementary teachers designed to deal with the problem of developing attitudes toward individual freedom and liberty through the use of selected materials; for intermediate teachers designed to deal with the problem of civil liberties and current events teaching; and for secondary teachers of English and social studies in particular dealing with methods and materials available for more extensive study of the Bill of Rights in American history, American problems courses and combined English social studies courses. Special work available for concentration in political science problems. The workshop is supported by a grant from The Fund for the Republic. Fifteen scholarships will be awarded to the first fifteen qualified applicants. Bierman, Goldschmidt. Daily, 9:00 to 12:00 and 1:00 to 3:00, Room 319 SH.

- (U) Ed 508. **Workshop: Curriculum (Language Arts).** 3 hours. (June 23-July 11).

A twelve-grade curriculum workshop organized to include basic philosophy and the special interests of language arts teachers under the joint auspices of the Summer Session and school districts in the west section of Washington county. Open to teachers outside Washington county with consent of instructor. O'Rourke. MTuWTh, 1:00 to 4:00, Room 213 OM.

- (U) PS 507. **Seminar: Bill of Rights Education.** 6 hours.

Bierman, Goldschmidt. (See Ed 508 Workshop: Bill of Rights Education listed on preceding page).

Two-Week Workshops

- (U) ArE 501. **Special Studies: Current Problems in Art Education.** 3 hours. (July 28-August 8.)

Current trends and directives in public school art education. Methods and laboratory practices in the effective use of materials and ideas in creative activities. Study of significant research and literature in the field. Bryce. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 313 OM.

- (S) Ed 508. **Workshop: Alcohol Education for Secondary Teachers.** 3 hours. (June 23-July 5.)

Designed to integrate existing materials and methods of alcohol education into the secondary school curriculum. Emphasis will be placed upon review of existing literature including films, filmstrips, and slides. Methods of instruction and evaluation will be considered. Resource units suitable for use in social studies, science, health and driver training classes will be developed. Enrollment limited to twenty-five scholarship teachers. Selection of secondary teachers will be on a geographical basis and by priority. Application for scholarship must be in no later than June 15. Direct request for application of scholarship to Robert J. Gridley, Coordinator of Workshops, 1633 S. W. Park Avenue, Portland 1, Oregon. Ferrier. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 307 SH.

- (U) PE 408, 508. **Workshop: Camping Education and Recreation, Section II** Program and Leadership. 3 hours. (July 24-August 1).

Students will live and work in an organized camp for one week. Emphasis will be given to camp leadership techniques, principles, and problems of leadership and group behavior as related to camping education; seminars on methods, techniques, and program practices in outdoor education. Section I, four-week workshop on Organization and Management not a prerequisite but highly desirable. Open to elementary and secondary teachers, school, camp, and recreation administrators, voluntary and private agency staff, camp and recreation leaders. Limited enrollment. Admission by prior application should be addressed to Robert J. Gridley, Coordinator of Workshops, 1633 S. W. Park Avenue, Portland 1, Oregon. Rodney and special staff. Daily, 9:00 to 12:00, Room 315 SH. Organized camps.

- Wr 12. **Writers Conference.** (Fiction, Poetry, Juvenile Writing and Nonfiction). Non-credit. (August 4-15).

A workshop and discussion program in creative writing (short story, the novel, poetry, juveniles, and nonfiction books and articles). An opportunity will be provided writers, teachers, and others to participate in workshop atmosphere in the processes of creative writing. Technical demonstrations, analysis of student writing, lectures and discussions will be conducted informally by the conference lecturers. Markets for creative writing will be evaluated and discussed. Students will have an opportunity to submit manuscripts for private criticism. A limited number of students may arrange for academic credit by consulting Anthony Netboy, Workshop Director. Conference fee: \$36 two weeks; \$25 one week. Registration will be accepted for either the first or second week or both weeks. Leaders: Wright Morris (fiction); Anthony Netboy (nonfiction); Donald Hall (poetry); and Alexander Scharbach (juveniles). Daily, 1:30 to 4:30 and Saturday, 9:30 to 12:00, Room 265 SH.

One-Week or Less

- (S) CT 408, 508. **Workshop: Wool.** 2 hours. (August 3-9)

Purpose of the workshop is to present a broad picture of the living fiber—wool, from the sheep to the finished wool product. The history, properties, manufacturing, merchandising and present-day uses will be presented by industry experts. Field trips to the Pendleton Woolen Mills vertical operations include the scouring plant, fabric mill and garment factories in the greater Portland area. Merchandising of finished wool products will be noted on field trip to a large department store. Enrollment limited to Home Economists including teachers, researchers, business and extension workers. For additional information contact Robert J. Gridley, Coordinator of Workshops, 1633 S. W. Park Avenue, Portland 1, Oregon. Gattton, Grant and special staff. Daily, 9:00 to 12:00 and 1:00 to 4:00. Initial meeting is 7:00 p.m., Sunday, August 3, at Portland State College Center, S. W. Park Avenue and Montgomery Street, Portland 1, Oregon. Classes begin August 4, Pendleton Woolen Mills, 218 S. W. Jefferson Street, Portland 4, Oregon.

- (S) Ed 407. **Seminar: Workshop in Advanced Conservation and Outdoor Education.** 3 hours. (August 10-16).

Interrelationships between the physical environment and the flora and fauna with implications for conservation of the natural resources. Field study in the Cascades at Hoodoo Bowl of marshes, mountain meadows, rock gardens and various types of forests. Attention will be given to geology, climate, life zones, plant and animals associations. The dominant forms of life will be examined. Field methods used will apply in other regions. The natural history approach considers an area as it is found at any time or place—the contribution of the past—the probable future. Hoodoo Bowl Inn is located near the summit of Santiam Pass just off highway 20. (Enrollees are responsible for their own transportation to and from Hoodoo Bowl Inn and for short field trips.) Graduate students may register for Ed 508 Workshop: Advanced Conservation and Outdoor Education. Enrollment limited to students having completed any term of Natural History of Oregon or the one-week basic Conservation workshop in the Portland Summer Session. Course fee, \$27; food and lodging for seven days, \$40; both sums are payable at the time of registration. Registration is by application only and must be completed on or before July 1. Applications should be addressed to Robert J. Gridley, Coordinator of Workshops, 1633 S. W. Park Avenue, Portland 1, Oregon. Hopson and special staff.

- (S) Ed 407. **Seminar: Workshop in Conservation and Outdoor Education for Elementary and Secondary Teachers.** 3 hours. (Section I: July 27-August 2, Section II: August 3-9).

On-the-spot study of forestry, lumber, wildlife, minerals, soils, crops, irrigation, power potentials and outdoor living for elementary and secondary teachers. This workshop, offered in two identical sessions, will be held at Hoodoo Bowl near the summit of Santiam Pass just off highway 20. Many public and private agencies, industries and organizations interested in conservation of natural resources cooperate with the Portland Summer Session by providing skilled leaders to serve as resource people at the workshop. Educational consultants assist students in planning projects to include conservation and outdoor education in the school curriculum. Students may enroll for one section only. Each section of the workshop is limited to 36 registrants. Graduate students may register for Ed 508 Workshop: Conservation and Outdoor Education for Elementary and Secondary Teachers in lieu of Ed 407 Seminar: Workshop in Conservation and Outdoor Education for Elementary and Secondary Teachers. The workshop is not open to students who participated in any previous conservation workshop offered in the Portland Summer Session. Course fee, \$27; food and lodging for seven days, \$40; both sums are

payable at the time of registration. Registration is by application only and must be completed on or before July 1. Enrollees are responsible for their own transportation to and from Hoodoo Bowl Inn. Scholarships are available for qualified teachers. Applications should be addressed to Robert J. Gridley, Coordinator of Workshops, 1633 S. W. Park Avenue, Portland 1, Oregon. Hopson, Gridley and special staff.

- (C) Ed 410. **Methods and Research Materials: Elementary School Science.** (G) 2 hours. (August 18-22).

Designed for elementary teachers who are interested in improving their science teaching. Attention will be given to the study of methods and materials as they relate to specific areas of science taught in the elementary grades. Emphasis will be given to the development of each teacher's own background of science. Leavitt, Young. Daily, 9:00 to 12:00 and 1:00 to 3:00, Room 207 OM.

- (S) Ed 508. **Workshop: Adolescent Problems.** 2 hours. (August 18-22).

Role of the school administrator and classroom teachers in identifying and dealing with adolescent problems. Origin and development of behavior both normal and deviate. Cooperation among school, home, community and governmental agencies dealing with behavior problems. Schulz, Boyd, Morrison and staff. Daily, 9:00 to 12:00 and 1:00 to 3:00, Room 165 SH.

- (U) Ed 508. **Workshop: Arithmetic.** 2 hours. (August 18-22).

Through lectures and demonstrations, attention will be given to the problem of teaching arithmetic in the elementary grades. Opportunities will be provided for individuals to construct arithmetic teaching aids or to work on individual projects. Ruddell. Daily, 9:00 to 12:00 and 1:00 to 3:00, Room 206 OM.

- (U) Ed 508. **Workshop: Television.** 2 hours. (August 18-22).

Of special interest to teachers who may lack background in the use of educational television as a teaching tool. Through individual and group study consideration will be given to the problems of integrating educational television materials into the school curriculum and the preparation of educational television programs. Effectiveness of techniques and evaluation of educational programs. O'Rourke, Williams. Daily, 9:00 to 12:00 and 1:00 to 3:00, Room 20, GED building.

- (U) Ed 508. **Reading and Conference.** 2 hours. (August 18-22).

Lectures, study groups and demonstrations. Consideration will be given to 1) the nature of reading, 2) the nature and development of meaning, 3) providing for individualized instruction in reading, 4) helping retarded readers, and 5) providing a reading program for superior students. Study groups under the guidance of specialists will work on such special interests as comprehension, identifying specific skills, reading problems of high school students and techniques of teaching. William H. Burton will be assisted by a distinguished staff. *Reading and Child Development*, by Dr. Burton, should be read prior to the workshop. Enrollment limited to 200. Phelps, Burton and staff. Daily, 9:00 to 12:00 and 1:00 to 3:00, Room 57 SH.

- (S) Ed 508. **Workshop: Citizenship Education.** 2 hours. (July 21-25).

The workshop will provide teachers with specific techniques for planning children's activities aimed at developing civic skills. Teachers will be encouraged to plan within the framework of their own situations. Limited enrollment. Applications should be addressed to Robert J. Gridley, Coordinator of Workshops, 1633 S. W. Park Avenue, Portland 1, Oregon. Wolf. Daily, 9:30 to 12:00 and 1:15 to 4:00, Room 319 SH.

- (S) Ed 508. **Workshop: Advanced Conservation and Outdoor Education.**

3 hours. Hopson and special staff. (See Ed 407. Seminar: Workshop in Advanced Conservation and Outdoor Education listed above).

(S) Ed 508. **Workshop: Conservation and Outdoor Education for Elementary and Secondary Teachers.** 3 hours.

Hopson and special staff. (See Ed 407 Seminar: Workshop in Conservation and Outdoor Education for Elementary and Secondary Teachers listed above)

(E) Soc 11. **Nursing Home Administrators' Training Conference.** Non-credit. (June 18-20).

Problems related to the care of the chronically ill and the aged in nursing homes. A non-credit conference planned specifically for nursing home operators and registered nurses, but open to any qualified person. Staff is drawn from many out-of-state and local experts. The charge for the conference is \$10.00 payable by advance mail registration or at 8:30 a.m. on June 18 at the meeting room. (Students enrolling in this course who plan to continue in Soc 407, 507 Seminar: Social Aspects of Medical Care, 3 hours, during the regular Summer Session may register for both courses for a total of \$27. See page 42). Direct all inquiries to Robert J. Gridley, Coordinator of Workshops, 1633 S. W. Park Avenue, Portland 1, Oregon. Brant, Kutner. *June 18*, 9:00 to 12:00 and 1:30 to 4:30; *June 19*, 9:00 to 12:00, and 1:30 to 4:30, and 7:00 to 9:00 p.m.; *June 20*, 9:00 to 12:00 and 1:30 to 4:00, Room 57 SH.

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Portland Summer Session

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Institute of International Affairs

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GENERAL EXTENSION DIVISION

General Extension Division is interinstitutional in character. It is the extension arm of all state-supported campuses contained within the integrated State System of Higher Education. This state-wide form of extension is unusual among the various states. It is considered an ideal by educators throughout the nation. The full effectiveness of Oregon's General Extension Division can be seen as dependent on the vast

resources of not only one institution of higher education, but on many. Financially, however, the Division is considerably self-sufficient, earning much of its way through collection of authorized fees for the services it provides. Information on some of the services it offers follows.

DEPARTMENT OF STATE-WIDE SERVICES

These services consist of the state-wide evening classes, correspondence study courses, conferences, workshops, and consultant services to business, industry, education and other activities. Any community in Oregon may become a meeting place for state-wide evening classes if a satisfactory facility is provided and sufficient enrollment is guaranteed to cover actual operating costs. For convenience of Oregonians, state-wide offices are maintained on campuses in Eugene, Corvallis, Monmouth, Ashland and LaGrande. Contacts at any of these offices will receive prompt attention.

DEPARTMENT OF EDUCATIONAL RADIO AND TELEVISION

Radio station KOAC and television station KOAC-TV are educational stations owned by the state of Oregon and operated by the State System of Higher Education with General Extension Division in charge of program and other administration. KOAC-TV broadcasts on channel 7 with its transmitter located on Vineyard hill near Corvallis. Programs originating in both Corvallis and Eugene reach the transmitter by microwave relay. Now a relatively low-power transmission which began as a campus television teaching experiment, with present programming until 8 p.m. Monday through Friday, KOAC-TV will increase its power sometime in the future. KOAC radio transmission on 550 kc is received throughout the state Monday through Saturday from 10 a.m. until 10 p.m. In addition to its transmission of both radio and television, the department is responsible for development of the Tapes for Teaching library, which assists teachers in classrooms throughout the state.

PORTLAND EXTENSION CENTER

An evening class activity, Portland Extension Center uses facilities of Portland State College for both undergraduate and graduate study. Present enrollments at the Center approximate 4,000 students. All courses taken for college credit at the Center originate at one or another of the state system campus institutions and instructors are in most instances members of a campus faculty. No degrees are granted by the Center.

PORTLAND SUMMER SESSION

Under the same administration as the evening center, Portland Summer Session is a daytime program generally operating from June through August. Enrollments in recent sessions exceed 2,400 and statistics show it is the state's best-attended summer session. A full program of undergraduate and graduate courses is offered and special workshops for teachers and education administrators are provided.

INSTITUTE OF INTERNATIONAL AFFAIRS

Through the Institute, General Extension Division assists other organizations in programs concerning international affairs such as Great Decisions, which it has developed in cooperation with Oregon State Extension Service and the Foreign Policy Association. In addition, the Institute serves as a distribution center for U. S. State Department and UNESCO publications.

OFFICE OF THE DEAN

Headquarters office for General Extension Division is at 1633 S. W. Park Avenue, Portland 1, Oregon.

DEPARTMENT OF VISUAL INSTRUCTION

The department of Visual Instruction of General Extension Division provides glass and film slides, microscopic slides, and 16 mm. motion picture films suitable for use by schools, community clubs, and other organizations. A catalog is published listing materials available. Located on the campus of Oregon State College at Corvallis, the department is maintained jointly by General Extension Division and Federal Co-operative Extension Service.

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CHARLES D. BYRNE, Ed.D. 1950-1955