



GENERAL EXTENSION DIVISION

Bulletin

SUMMER SESSION

**Portland
State
Extension
Center**

JUNE 20-AUG. 12



PORTLAND

1955

General Extension Division

BULLETIN

EUGENE SERIES NO. 34

APRIL, 1955

Entered as second-class matter August 25, 1950, at the Post Office at Eugene, Oregon, under act of August 24, 1912. Published four times a year, in April, May, on July 10 and July 20, by the Oregon State Board of Higher Education, Eugene, Oregon.

**Oregon State System
of Higher Education**

BULLETIN

Portland Summer Session

Eight-Week Session

June 20-August 12

Summer Session 1955

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 in an articulated system, parts of an integrated whole. The educational program is so organized as to distribute as widely as possible throughout the state the opportunities for general education and to center on a particular campus specialized, technical, and professional curricula closely related to one another.

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

Each of the institutions provides the general studies fundamental to a well-rounded education. At the three colleges of education, students who do not plan to become teachers may devote their time to general studies or preprofessional work, or, at Southern Oregon and Eastern Oregon colleges of education, to approved lower-division programs in certain semi-professional fields.

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

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, Eugene, Oregon.

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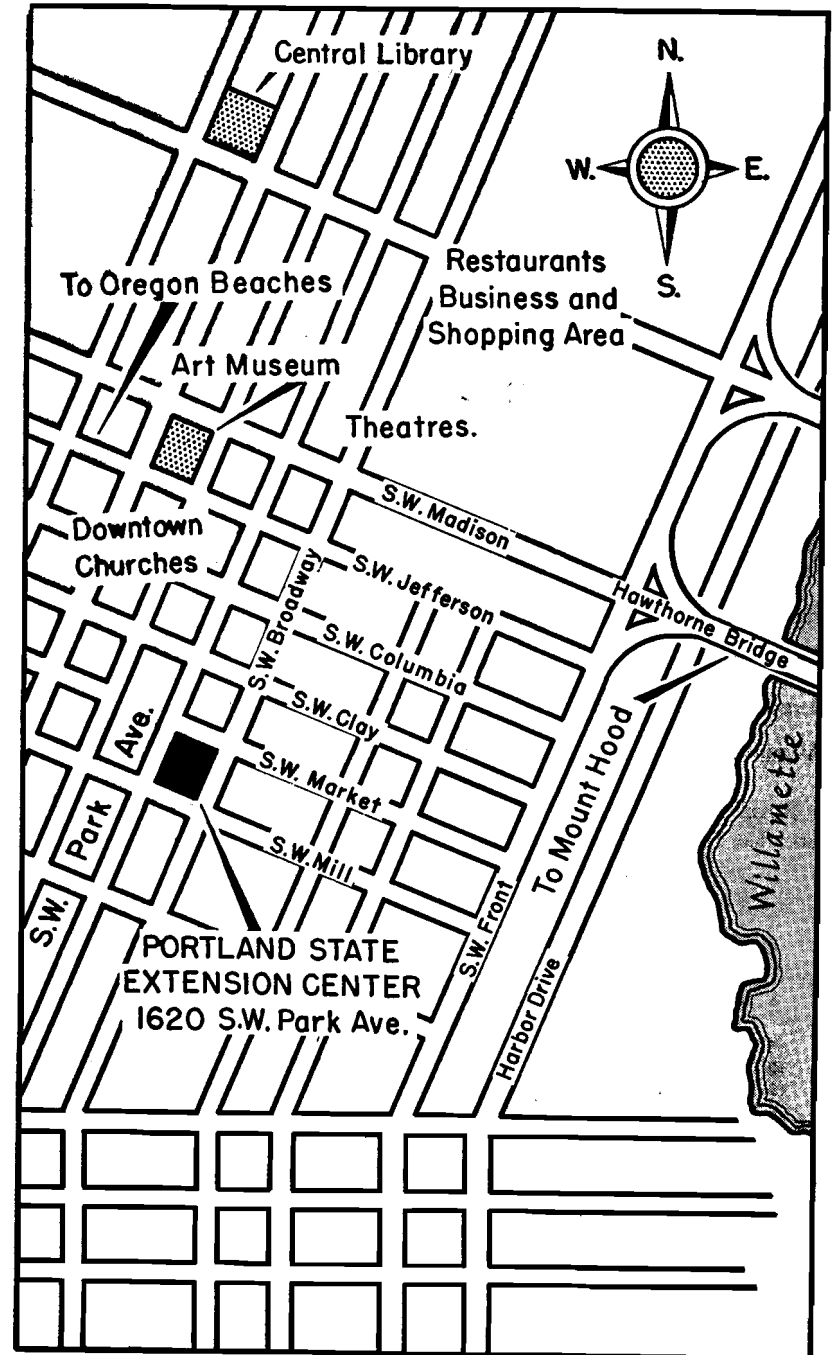
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General Information

The thirty-eighth annual Portland Summer Session will provide day-time 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.

Particular emphasis is placed on elementary and secondary teacher education, but programs toward fulfillment of other educational objectives may be arranged from selections in the arts and sciences and professional schools.

A student may earn 12 term hours of credit in the eight-week session. All such work may be counted as residence credit at University of Oregon, Oregon State College, or at one of the three Oregon Colleges of Education, provided that the institutional requirements for campus attendance are met.

LOCATION. The Portland State Extension Center building is located at 1620 S. W. Park Avenue, Portland 1, Oregon. The telephone number is CApitol 4251. All administrative offices and most classes are in this building. The Registrar's office and Business office are open from 8:00 a.m. to 5:00 p.m. weekdays and 9:00 a.m. to 11:30 a.m. on Saturdays.

ADMISSION AND DEGREES. The only requirement for admission to Portland Summer Session is ability to do the work. Students, except veterans, should submit transcripts only if continued full-time enrollment with Portland State Extension Center is planned. Veterans who register under any 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 may be obtained from Registrars of individual institutions within the State System.

ACADEMIC CREDIT LIMITATIONS. Twelve *term hours** is the general maximum of credit which a student may earn in the eight-week summer session. Undergraduates enrolling for certain combinations of courses may petition for permission to carry a maximum of thirteen hours. No exception to the twelve-hour rule is permitted in courses taken for graduate credit.

CREDIT TOWARD GRADUATE DEGREES. In Portland Summer Session, Portland State Extension Center, and in other departments of General Extension Division, a graduate student may complete all work required

* Term hours (Quarter hours) may be converted to semester hours by multiplying the number of term hours by $\frac{3}{4}$. Semester hours may be converted to term hours by multiplying the number of semester hours by $1\frac{1}{4}$.

for the *Master of Education* degree except twelve hours, which must be completed in residence either at University of Oregon or Oregon State College. For the *Master of Science in Education* from one of the Oregon Colleges of Education, all work except twelve term hours may be done at Portland State Extension Center and other departments of General Extension Division. All or the greater portion of the work toward the *Master of Arts in General Studies** may be completed in Portland.

Fifteen term hours of work toward the *Master of Arts* (departmental), or the *Master of Science* or *Master of Science in General Studies* degree may be completed in Portland with approval of the candidate's major department at the degree-granting institution.

The *Master of Education* (M.Ed.) is regarded as a professional teaching degree and not necessarily as a research degree. No thesis or field study is required, but a thesis or field study is expected of majors in school administration. A well-integrated program is planned for each individual candidate in order to improve his educational service as a teacher, supervisor, or administrator. Each program embraces: (1) a common core of required courses; (2) an area of concentration which provides a complex of courses organized to meet the special interests and needs of the students. For the 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. For the *Master of Science in Education* from one of the Colleges of Education, a core of eighteen professional hours and nine hours of general courses is included in the requirements. The foregoing patterns are based on the assumption that teaching is a developing profession which requires a properly organized series of carefully planned courses, together with some opportunity for elective work.

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 should make application for admission to the graduate school selected and take the qualifying examination† at the earliest opportunity.

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

* Master of Arts in General Studies is a research degree open only to those individuals who possess a research interest and whose broad academic background makes them eligible for graduate work embracing several major departments. A thesis is required. The degree may be taken at either University of Oregon or Oregon State College. Under favorable circumstances all work toward this degree at Oregon State College may be taken in Portland, but the University requires that candidates earn at least fifteen term hours in campus enrollment.

† Qualifying examinations will be administered during the Summer Session at times and places to be announced.

office within the stipulated time limit. A student who discontinues attendance in a course without official withdrawal receives a grade of *F*.

COURSE NUMBERING SYSTEM. Courses in this catalog follow the course numbering system of the State System of Higher Education. Lower-division (freshman and sophomore) courses are numbered below 300. Upper-division (junior and senior) courses are numbered from 300 to 499. Courses numbered 400-499 with a (G) following the title may be taken for either *major* or *minor* graduate credit. A (g) following the title of a 400 course indicates that the course is approved for graduate minor credit only. Strictly graduate courses are numbered 500-599.

For the convenience of students using this catalog the letters *U*, *S*, *C*, and *E* appear in the left margin before course descriptions. The letter *U* refers to University of Oregon, *S* to Oregon 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.

Special Programs

Workshops

See page 48.

Eight-week workshops include a general curriculum workshop offering opportunities for individual or group work on curriculum problems in elementary and secondary education, school administration, and cancer education; and a workshop in coaching team sports.

A workshop in the nursery school program and a dance workshop are scheduled on a four-week basis.

Three-week workshops in guidance and economic education will be held.

Two-week workshops will be offered in the Bishop sewing method, both basic and advanced; elementary school music; and parent counseling.

One-week opportunities will be available through workshops in conservation and outdoor education, recreation, and the Bishop sewing method (basic); and courses in both basic and advanced driver education and training, and parent-teacher organization.

Special Education

CERTIFICATION. Offerings in special education in the Portland Summer Session are scheduled so that students may complete certification requirements for teachers of the handicapped and in the special areas of reading and hearing disabilities.

CLINIC. A demonstration clinic for children with reading disabilities, speech handicaps, retardation, and emotional disturbances will be housed

in Shattuck school, 1914 S. W. Park Avenue. Limited opportunities for observation for summer session students other than those in special education are available. Arrangements must be made in advance with the Director of the Clinic at Shattuck school.

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 in advance with the principal of the school.

Art

Six-week courses in lower division sculpturing and painting will be offered in cooperation with the Museum Art School, S. W. Park and Madison Streets.

Weaving Workshop. August 15-26. Klamath Falls, Oregon.

Instructor: David P. Hatch, Instructor in Art, University of Oregon.

Courses: (U) AA 256. Lower Division Weaving, 3 hours credit.

(U) AA 456. Advanced Weaving, 3 hours credit.

This workshop is sponsored jointly by the General Extension Division of the State System of Higher Education and the Klamath Art Association, offering University of Oregon courses. Introduction to basic weaving techniques will be emphasized and opportunity for experimentation with a wide variety of fibres will be provided. The work will include production of textiles of original design on 4- and 12-harness looms.

Students in advanced weaving will stress creative work, producing a wide variety of handwoven fabrics. Attention will also be given to historical studies, fabric analysis, spinning, and dyeing.

For further information, contact the General Extension Division, Eugene, Oregon.

Teacher Certification Program

Portland Summer Session will offer undergraduate and graduate courses which will enable teachers to prepare for certification while working toward advanced degrees. Required courses for either regular or emergency elementary certification are available, as are courses in fulfillment of secondary certification requirements. Teachers and administrators seeking to fulfill requirements for the various certificates, including administrator's certificates and certificates to teach handicapped children, should consult an adviser, or refer to *Oregon Rules and Regulations Governing the Certification of Teachers*, an annual publication of the Superintendent of Public Instruction, Salem, Oregon.

Facilities and Special Events

LIBRARIES. Portland State Extension Center Library, located on the second floor of the Center building, will be open from 7:30 a.m. to 4:30 p.m. Mondays through Fridays, and beginning the second week, on Tuesdays and Thursdays from 6:30 to 9:00 p.m.

In addition to Portland State 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. week days 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 basement of the 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 Mr. John F. Jenkins, 1620 S. W. Park Avenue, Portland 1, Oregon.

CAFETERIA. Breakfasts and lunches will be served in the cafeteria which, with a snack and coffee bar, is located in the basement of the Center Building. The cafeteria opens for service at 7:30 a.m. Monday through Friday.

PUBLICATIONS. *The Summer Signal*, a weekly 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. there will be an assembly in the auditorium. Programs will consist of music, plays, readings, and addresses.

RECREATION. Summer Session students can 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 very 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.

Fee Schedule

(Office hours 8:00 a.m.-5:00 p.m., Monday through Friday;
9:00 a.m.-11:30 a.m. on Saturdays).

Summer Session registration fees are as follows:

Full-Time Students—7 credit hours or more.....	\$55.00
Part-Time Students—(For 6 credit hours or less) per credit hour.....	7.00
1 credit hour.....	\$14.00
2 credit hours.....	14.00
3 credit hours.....	21.00
4 credit hours.....	28.00
5 credit hours.....	35.00
6 credit hours.....	42.00
Minimum charge for 1 or 2 credit hours for any student.....	14.00

Auditors pay same fees as other students.

Graduate students employed during the Summer Session for at least .15 FTE services either as graduate assistants, research assistants, or fellows..... \$20.50

Short Courses and Workshops—follow schedule for part-time students according to credit or load.

Late Registration Fee, due after June 22—per day, excluding Saturdays and Sundays (does not apply to registration of 6 or less credit hours nor to registrations for short courses of less than eight-weeks duration)..... \$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.)

Change of Program Fee, assessed beginning June 24 (for short courses, after first 3 classes)..... \$1.00

Special Fees:

Graduate qualifying examination fee..... \$1.00 to \$15.00

Transcript fee..... \$.50

(One transcript of credits is issued free, upon request, to any student; for each transcript issued thereafter, a fee of \$.50 is charged.)

Staff fee—Per credit hour..... \$3.00

(Available only to full-time employees, academic and non-academic, of the Higher Educational System upon approval of Dean's office. Maximum of four credit hours. All fees and the maximum credit hour limitation may be waived for retired employees; for staff members on leave the maximum credit hour limitation may be waived but the fee is not waived).

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

Fee Refund Schedule

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 20 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*. The refund schedule is as follows:

Withdrawal before close of business June 23—Refund of registration fees over.....	\$ 5.50
Withdrawal between June 24 and July 2—Refund of registration fees over....	\$13.75
Withdrawal between July 5 and July 18—Refund of registration fees over....	\$27.50
Withdrawal after July 18.....	no refund
Withdrawal from courses of less than eight weeks—refunds according to ratio shown for eight weeks.	

Library Fines and Charges

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: 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 minimum charge of \$1.00 an hour may be made in cases of flagrant violation of the rules).
- (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 not paid at time book is returned.
- (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. In cases where a replacement has been ordered, refunds to the borrower may be made at the discretion of the librarian.
- (7) Borrowers are issued a library card for use in the electric charging machine. A replacement fee of 25c is charged if this card is lost.

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. Students who hold a card from a previous quarter must have it validated for the summer session.

Procedures for Veterans

The following procedures have been arranged to facilitate the enrollment of veterans, and to establish their eligibility for continued educational benefits under World War II G. I. Bill (PL 346), or under "Korean" G. I. Bill (PL 550).

World War II G.I. Bill (PL 346)

Veteran-teachers who have been enrolled in the previous summer session in the same school, and in the same course, and who have not been

enrolled in some other institution since last summer, may be certified to the Veterans Administration for training on VA Form 1909 (Certificate of Re-entrance into Training) provided the veteran furnishes for attachment to the form 7-1909, a statement signed by the appropriate official of a school board or system, certifying that the veteran was employed as a teacher the preceding ordinary school year and also stating the beginning and ending dates of the school year. The ordinary school year is considered to be from September or October to May or June, and the summer school enrollment must be for a term of at least five weeks duration. The veteran must be actually enrolled and in attendance a minimum of five weeks in order to retain eligibility for subsequent summer school enrollment. The Veterans Administration accepts a minimum of 9 term hours (and 12 class sessions per week) as constituting full-time enrollment for PL 346 veterans in the summer session.

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

"Korean" G.I. Bill (PL 550)

Students who wish to avail themselves of educational benefits under the terms of this bill should present their discharge papers and establish their eligibility through the Veterans Administration Regional Office, 208 Southwest 5th Avenue, Portland 4, Oregon. The process should be initiated as early as possible since two months may elapse before authorization is granted. Full time enrollment for PL 550 veterans is 11 or more term hours in the summer session.

Other General Extension Division Services

The General Extension Division is the agency of the Oregon State System of Higher Education by which the University of Oregon, Oregon State College, and the three Colleges of Education serve the people of Oregon through residence extension classes, short courses, correspondence study, visual instruction, radio programs, summer sessions, and special activities.

PORTLAND STATE EXTENSION CENTER. The instructional program of fall, winter, and spring terms of Portland State Extension Center consists of both day and evening classes.

The day program offers undergraduate work for full-time students. Entrance requirements, instructional programs, and co-curricular activities are similar to those offered at one or another of the campuses of the Oregon State System of Higher Education.

The evening program offers approximately 250 courses in more than 30 departments and professional schools. Both graduate and undergraduate classes are scheduled, and work of these classes is of standard college or university grade.

In accordance with Senate Bill 1, passed by the 1955 Oregon Legislative Assembly and signed by the Governor, the day program of Portland State Extension Center will become a four-year, degree-granting institution known as Portland State College and as such will no longer be a part of the services of the General Extension Division but rather will be a separate institution within the State System of Higher Education. Provisions of the Bill are effective three months following adjournment of the Legislature. The General Extension Division will continue to operate the evening program as Portland Extension Center.

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

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

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

1955 Portland Summer Session Description of Courses

Anthropology

Visiting Faculty: MARSHALL, VOGET.

- (U) 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 processes of growth and expansion. Marshall. MTuThF, 10:00, Room 213.
- (U) Anth 318. **The American Indian.** (Second Term). 3 hours. Indian life in Central, South, and North America before white contact; contemporary Indian life where groups still survive. Prerequisite: upper-division standing or consent of instructor. Marshall. MTuWTh, 12:00, Room 208.
- (U) Anth 453. **Culture, Society and the Individual.** (C) 3 hours. A review and evaluation of the concepts of culture and society, as the terms are employed by anthropologists. The relationships between culture and society, between culture and the individual, and between society and the individual. Prerequisites: 9 hours of anthropology or senior standing in social science or consent of instructor. Marshall. TuWThF, 1:00, Room 208.
- (U) Anth 507. **Seminar: Symposium of the Social Sciences.** 3 or 6 hours. Voget. (See Ed 507. Education Seminar: Symposium of the Social Sciences.)
- (U) Anth 507. **Seminar: Understanding the Child.** 3 hours. A comparative study of the child's role and socialization in a selected number of societies, American, European, African, Asiatic, and American Indian; comparative analysis of social and cultural influences upon the personality development of the child. Voget. MWThF, 9:00, Room 307.

Art

Assistant Professor: DIETZ. Visiting Faculty: GARRISON, GRIFFIN, McLARTY, WRIGHT.

- (C) A 127. **Art Appreciation.** 3 hours. Designed to develop insight into the actual work of art and breadth in the understanding of diverse works of art. Introduction to the principal visual arts as related to daily living to include some experience with materials. Griffin. TuTh, 1:00 to 3:00, Room 310.
- (U) AA 255. **Lower-Division Ceramics.** 3 hours. (June 20-July 29). Introduction to ceramic techniques and materials. Throwing and moulding. Surface decoration of two- and three-dimensional surfaces. Students participate in stacking, firing, and drawing the kilns. Open to non-majors. Wright. MTuWTh, 1:00 to 4:00, Art Museum.

- (U) AA 290. **Lower-Division Painting.** 3 hours.
(June 20-July 29). Instruction in the use of oil color, water color, and other media. McLarty. MTuWTh, 9:00 to 12:00, Art Museum.
- (C) A 321. **Art Fundamentals.** 3 hours.
Opportunities for elementary classroom teachers to develop a degree of personal competence in practical application of the basic elements of art. Garrison. TuWThF, 8:00, Room 317.
- (C) A 322. **Art Fundamentals.** 3 hours.
Craft experience with materials such as wood, clay, metal, paper, textile in relationship to the creative needs of children. Prerequisite: A 321. Dietz. MWThF, 9:00, Room 317.
- (C) A 323. **Art Fundamentals.** 3 hours.
Creative art in the school curriculum. Emphasis is on content, methods of presentation, and evaluation. Laboratory experiences with some lecture, discussion and reading. Prerequisites: A 321, 322. Dietz. MTuWF, 11:00, Room 317.
- (C) A 407s. **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. Garrison. MTuThF, 10:00, Room 317.

See the following listed under EDUCATION:

- (U) (C) Ed 407, 507. **Education Seminar: Art Education in the Curriculum.** 3 hours. Dietz.

Business Administration

Assistant Professor: HOOGSTRAAT. Visiting Faculty: BALLAINE, TRUEBLOOD.

- (U) BA 111, 112, 113. **Constructive Accounting.** 3 hours each.
Technique of account construction; preparation of financial statements. Application of accounting principles to practical business problems. Required of majors; prerequisite to advanced work in business. Hoogstraat. MTuWTh, 9:00 to 12:00, Room 306.
BA 111. June 20-July 7 inclusive.
BA 112. July 8-July 26 inclusive.
BA 113. July 27-August 12 inclusive.
- (U) BA 222. **Elements of Finance.** 3 hours.
The financial problems of corporations. Organization of corporations; how they obtain long-term funds; management of working capital; distribution of securities. Required of all majors. Prerequisite: BA 111, 112, 113 or consent of instructor. Trueblood. MTuThF, 10:00, Room 113.
- (U) BA 223. **Elements of Marketing.** 3 hours.
Methods, policies, and problems. Private and cooperative channels, auctions, exchanges, middlemen; demand creation, assembly, standardization, packaging, financing, risk taking, distribution. Required of all majors. Ballaine. TuWThF, 8:00, Room 203.
- (U) BA 412. **Personnel Management.** (G) 3 hours.
The place and significance of personnel management in the modern business organization; personnel policies and practices conducive to good relations with employees. Personnel problems of small organizations. Prerequisite: BA 222, 223 or consent of instructor. Trueblood. TuWThF, 8:00, Room 103.

- (U) BA 455. **Life Insurance.** (G) 3 hours.
Types of life insurance, contracts, rate making, reserves, selection of risks, life insurance and the state. Prerequisite: consent of instructor. Trueblood. MTuWTh, 12:00, Room 112.
- (U) BA 466. **Business Cycles.** (G) 3 hours.
Study of economic changes; classification and analysis of business-cycle theories. The availability, use, and limitations of business barometers in forecasting; their possible application to the business enterprise. Prerequisite: senior standing or consent of instructor. Ballaine. MWThF, 9:00, Room 203.
- (U) BA 507. **Graduate Seminar: Economic Education.** 2 hours. (See Workshops, page 48.)
- See the following listed under SECRETARIAL SCIENCE:
- (S) SS 111. **Stenography.** 3 hours. Backlund.
- (S) SS 121. **Typing.** 2 hours. Backlund.
- (S) SS 122 or 123. **Typing.** 2 hours each. Backlund.

Driver Education

Visiting Faculty: NEYHART.

- (S) IE 412. **Driver Education and Training.** 3 hours. (August 15-19).
A basic course for preparation of teachers to conduct driver-training courses in high schools. Actual behind-the-wheel instruction in a dual-control car supplied under the sponsorship of the American Automobile Association and the State Department of Education. Prerequisite: senior or graduate standing and teaching experience. Daily, 8:00 to 12:00 and 1:00 to 5:00, Room 2.
- (S) IE 507. **Seminar: Advanced Course in Driver Education.** 3 hours. (August 22-26).
Designed especially for individuals who have completed the basic course and wish advanced training. Daily, 8:00 to 12:00 and 1:00 to 5:00, Room 2.

Economics

Visiting Faculty: BALLAINE, NELSON.

- (U) Ec 201. **Principles of Economics.** (First Term). 3 hours.
Principles that underlie production, exchange, distribution, etc. Prerequisite: sophomore standing. Nelson. TuWThF, 8:00, Room 301.
- (U) Ec 417. **Contemporary Economic Problems.** (g) 3 hours.
A study of contemporary economic conditions and problems; analysis of policies and practices affecting such problems. Prerequisite: Ec 201, 202, 203. Nelson. MTuWF, 11:00, Room 114.
- (U) Ec 507. **Seminar: Economic Problems.** 2 hours.
(See Workshops, page 48.)
- (U) Ec 507. **Seminar: Money and Banking.** 3 hours.
The supply, value, and functions of money; objectives and principles of monetary policy; monetary institutions; Federal Reserve instruments of monetary management, and policy decisions; money and foreign exchange; monetary policy and economic stabilization. Prerequisite: Ec 201, 202, 203. Nelson. MWThF, 9:00, Room 301.

Education

Professors: CAUGHLAN, EPLER, PETERSON. Associate Professors: BERNARD, FERRIER, HOFFMAN, HOPSON, HUMMEL, MALTER, PHELPS, SOMERVILLE.

Assistant Professors: ANDERSON, DIETZ, LEAVITT, WIEGMAN. Instructor: WESTCOTT. Visiting Faculty: BALLAINE, BERKEL, BLANKENSHIP, BONNEY, BOYD, CURTIS, EDSON, EISERER, EWELL, CAISER, GARRISON, K., GARRISON, L., GUY, HARTLEY, HOVLAND, LEE, D., LEE, L., LUDWIG, MCGILL, MEINDL, MINEAR, MOORHEAD, PUCKETT, SAMPSON, SMITH, SNYDER, SULLIVAN.

(U) (C) Ed 311. **The School in American Life.** 3 hours.

Introduction to the field of education, including a historical survey of the American public-school system; importance of public education in the life of the republic; relation of the school to other professions; opportunities for service in the principal fields of educational work; current issues in American education; and the desirability of having a working philosophy of education. Anderson, D. TuWThF, 8:00, Room 216.

(C) Ed 312. **Educational Psychology.** 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 teachers who direct learning in the school. Basic concepts of measurement are utilized to evaluate the changes which characterize learning. Field experiences supplement theoretical study. Acceptable substitute for either Ed 312 Psychology of Learning and Teaching or Ed 312 Psychological Foundation of Education. Malter. MWThF, 9:00, Room 103.

(C) Ed 313. **Educational Psychology.** (Second Term). 3 hours.

(U) Ed 313. **Psychological Foundations of Teaching.** 3 hours.

Theoretical and practical study of learning and of factors affecting learning by children and youth in school. Theories of learning, motivation, guidance; learning activity, transfer, evaluation of achievement; principles of learning applicable to learners of varying levels of maturity. Basic aspects of mental hygiene and evaluation. Prerequisite: Psy 201, Ed 312, or consent of instructor. Bernard. MWThF, 9:00, Room 105.

(S) Ed 313. **Principles of Teaching.** 3 hours.

(See Ed 357.)

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

Oregon laws applying to schools and teachers; teacher personnel policies and practices; professional organizations; means for continued professional growth. Meindl. TuWF, 8:00, Room 106.

(C) Ed 344. **Physical Education in the Grades.** 3 hours.

Theory and practice in rhythm; singing games, group and folk dancing; stunts; games, self-testing activities, tumbling; materials; planning and evaluating programs with reference to basic principles of physical education. Puckett. MTuThF, 10:00, Gym.

(E) Ed 351. **Health Education.** 3 hours.

Teaching of health education with emphasis on health knowledge, health attitudes, and health habits of school children and the development of a health-service program. Special study of the state health-education program. Prerequisite: Sc 101, 102, 103; H 150, or consent of instructor. Puckett. TuWThF, 8:00, Room 110.

(C) Ed 357. **Methods and Materials.** 3 hours.

Concerned with developing a point of view; problems of general methods. Problems of classifying students, reading, instructional materials, developing units of instruction, appraisal, curriculum organization, and classroom management. Hartley. MTuThF, 10:00, Room 206.

(C) Ed 358. **Methods and Materials: Science and Arithmetic.** 3 hours.

Special attention to the teaching of science and arithmetic in elementary grades including study of materials suited to various grade levels. Hartley. MTuWF, 11:00, Room 206.

(C) Ed 359. **Methods and Materials: Reading and Allied Arts.** 3 hours.

Provides the student with definite and specific understandings of the four Language Arts and the skills involved in each. Introduces the student to the needs and capacities of children of elementary school age, and the skills and understandings required of the teacher to foster the most economical learning of the language skills. Sullivan. MWThF, 9:00, Room 319.

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

(C) Ed 406. **Problems in Education.** Hours to be arranged.

(C) Ed 406. **Problems in Education (Story Telling).** 3 hours. (July 18-August 12).

Presentation of techniques and materials used in the art of story telling. Survey of the field of children's literature to reveal extent of source material and problems in adaptation. Extensive practice in story telling under supervision. Ewell. MTuWTh, 1:00 to 3:00, Room 201.

(S) CT 407. **Seminar: Workshop Bishop Method of Clothing Construction.** 2 or 3 hours.

(See Workshops, page 49.)

(C) Ed 407a. **Seminar: Parent-Teacher Organization.** 2 hours. (August 15-19).

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 problems facing both beginning and experienced teachers will be studied. Moorhead. Daily, 9:30 to 12:00 and 1:00 to 3:00, Room 102.

(U) (C) Ed 407. **Seminar: Art Education in the Curriculum.** 3 hours.

(See Ed 507. Education Seminar: Art Education in the Curriculum.)

(U) Ed 408. **Special Teaching Methods.** Hours to be arranged.

Six hour maximum allowed toward education requirement for certification. Not more than 3 hours credit may be earned in any one field. Prerequisite: Ed 311, 312. Staff.

(U) Ed 409. **Psycho-Educational Clinic.** (C) 3 to 6 hours.

Practice, under supervision, in diagnostic and remedial treatment of learning disabilities of elementary and high school pupils. Clinic work will be limited to the diagnosis and correction of reading and speech disabilities. Prerequisite: Ed 465, Sp 481. Phelps, Berkel. MTuWF, 8:00 or 11:00, Shattuck School.

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

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.

<i>Art</i> , Garrison, L.	MTuWTh, 12:00, Room 317.
<i>Language Arts</i> , Lee, D.	MTuWTh, 12:00, Room 211.
<i>Music</i> , Snyder	MWThF, 9:00, Room 109.
<i>Reading</i> , Sullivan	MTuWTh, 12:00, Room 111.
<i>Science</i> , Hopson	MTuThF, 10:00, Room 310.

(C) Ed 415. **Student Teaching (Elementary).** Hours to be arranged. (Limit 6 hours.)

Opportunities to make actual adjustment to schoolroom situations; to make application of principles laid down; to develop skill in the technique of teaching and of classroom management. A limited number of local residents who are three- or four-year college graduates can be accommodated. Applications must be approved in advance. List of prerequisites and application forms can be secured from Supervisor of Elementary Student Teachers, Portland Summer Session. Lee, L. Th, 1:00 to 3:00, Room 110.

(U) Ed 416. **Student Teaching (Secondary).** Hours to be arranged. (Limit 6 hours.)

Supervised experience in the many phases of high school teaching. Discussion of problems confronted by the student while teaching. A limited number can be accommodated. Selection will be made from written applications filed in advance. List of prerequisites and application forms can be secured from Supervisor of Secondary Student Teachers, Portland Summer Session. Anderson, D. Th, 1:00 to 3:00, Room 112.

(U) (C) Ed 424. **Measurement in Education.** (G) 3 hours. (July 18-August 12).

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. Edson. MTuWTh, 12:00 to 2:00, Room 214.

(U) (C) Ed 435. **Audio-Visual Aids.** (G) 3 hours.

The development and use of audio-visual aids in education. Emphasis on actual learning situations in which radio, recordings, films, slides, pictures, maps, charts, etc., are utilized. Sources of materials and equipment; administration of audio-visual program. Laboratory hours to be arranged. Section I: Somerville. TuWThF, 8:00, Room 107. Section II: Malter. MTuWF, 11:00, Room 106.

(E) Ed 453. **Secondary Education Workshop.** (G) Hours to be arranged.

(See Ed 508. Workshop: Curriculum.)

(E) Ed 455. **Primary Education Workshop.** (G) Hours to be arranged.

(See Ed 508. Workshop: Curriculum.)

(E) Ed 455. **Primary Education Workshop: Teaching in the Self-Contained Classroom.** (G) 3 hours.

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. Hartley. TuWThF, 1:00, Room 206.

(E) Ed 459. **Intermediate and Upper Grade Education Workshop: Teaching in the Self-Contained Classroom.** (G) 3 hours.

(See Ed 455. Primary Education Workshop: Teaching in the Self-Contained Classroom. (G).)

(E) Ed 459. **Intermediate and Upper Grade Education Workshop.** (G) Hours to be arranged.

(See Ed 508. Workshop: Curriculum.)

(U) Psy 460. **Psychology of Infancy and Childhood.** (g) 3 hours.

Growth of behavior during the prenatal period, infancy, and childhood. Development of muscular activities, perception, emotional adjustment, intelligence, language, and social behavior in childhood. Lee, D. MWThF, 9:00, Room 113.

(U) Psy 461. **Psychology of Adolescence.** (g) 3 hours.

Study of the behavior changes during pre-adolescence and adolescence as related to physiological development and social and cultural factors. Emphasis on personal and social adjustment. Intended to follow Psy 460. Garrison, K. MTuThF, 10:00, Room 105.

(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. Bonney. MTuWF, 11:00, Room 204.

(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. Garrison, K. TuWThF, 8:00, Room 105.

(U) Ed 464. **The Mentally Handicapped Child.** (G) 3 hours.

Identification and guidance of the mentally deficient, the slow learner, and the gifted. Bonney. MTuWTh, 12:00, Room 206.

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

Diagnostic, remedial, and corrective techniques in basic school subjects; application of techniques to actual cases will be limited to the areas of reading, spelling, and speech. Techniques of screening and conferencing will be developed. Prerequisite: Ed 410 Methods and Research Materials: Reading. Phelps. TuWThF, 1:00, Shattuck School.

(C) Ed 467. **Applied Mental Hygiene.** 3 hours.

A study of the development of personality, personality conflicts, mechanisms of adjustment, and the basic principles of mental hygiene. Emphasis is placed on application of mental hygiene principles to personality development of teachers and of children. Bernard. MTuWF, 11:00, Room 105.

(C) Ed 468. **Diagnostic and Remedial Instruction in Reading.** (G) 3 hours.

Diagnostic, remedial, and corrective techniques in basic school subjects; application of techniques to actual cases will be limited to areas of reading, spelling, and speech. Techniques of screening and conferencing will be developed. Prerequisite: Ed 410 Methods and Research Materials: Reading. Phelps. TuWThF, 1:00, Shattuck School.

(U) Ed 469. **Reading in High School and College.** (G) 3 hours.

Nature and scope of the reading program, developmental and remedial; principles, methods, and materials of instruction and administration. Phelps. MTuThF, 10:00, Shattuck School.

- (C) Ed 470. **Special Education.** (G) 3 hours.
A study of those types of children who do not adjust readily to the usual school and home environment. Emphasis is placed on the emotionally disturbed, the mentally accelerated, the slow learner, and the physically handicapped children. Bonney. MTuWF, 11:00, Room 204.
- (C) Ed 471. **School Finance.** (G) 3 hours. (See Ed 575.)
- (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.)
- (S) Ed 481. **Alcohol Studies in the School Curriculum.** (G) 3 hours.
Incorporation of scientific information about alcohol in school curriculum; physiological, psychological, sociological, and legal aspects of alcoholism. Prerequisite: 24 hours upper-division education or consent of instructor. Ferrier. MWThF, 9:00, Room 111.
- (C) Ed 484. **Junior High School.** (G) 3 hours.
Development of the junior high school; its purposes and objectives. The general organization of the school; courses of study; present practices in leading representative junior high schools; the direction of classroom activities; provision for individual differences; pupil guidance, and socialization. Wiegman. TuWThF, 8:00, Room 112.
- (S) Ed 485. **Principles and Practices of Guidance Services.** (G) 3 hours.
Overview of guidance and personnel work. Attention given to vocational, educational, health, social, personality, recreational, and other aspects of individual development. Participation of teachers, counselors, administrators, parents, and community organizations in a program of guidance. For all teachers and administrators. Students specializing in guidance should begin with this course. Prerequisite: senior standing. Ludwig. MTuThF, 10:00, Room 301.
- (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: Ed 485. Ludwig. MTuWF, 11:00, Room 301.
- (E) Ed 489. **Conservation and Outdoor Education Workshop.** (G) 3 hours.
(See Workshops, page 49.)
- (C) Ed 493. **Observation and Evaluation of Teaching.** (Elementary). (G) 1-3 hours.
Opportunity for experienced teachers to observe modern trends in elementary education as demonstrated in the training schools and to discuss educational practices and theories. A limited number can be assigned to the few places available for this course. Selection will be made from written applications filed in advance with the Supervisor of Elementary Student Teachers, Portland Summer Session. Open only to experienced teachers who require credits in elementary supervised teaching for certification. Lee, L. TuWThF, 1:00, Room 110.
- (U) (S) Ed 501. **Educational Research.** Authorization and hours to be arranged.
Prerequisite: graduate standing.
Adult Education Caughlan, Epler
College Teaching Epler, Caughlan, Hoffman

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| <i>Curriculum Instruction</i> | Leavitt, Phelps |
| <i>Educational Psychology</i> | Bernard |
| <i>Elementary Education</i> | Leavitt, Malter, Phelps |
| <i>Evaluation and Surveys</i> | Hummel, Leavitt, Wiegman |
| <i>Field Study</i> | Wiegman and Staff |
| <i>Guidance</i> | Ludwig |
| <i>History and Philosophy of Education</i> | Guy |
| <i>Psycho-Educational Problems</i> | Boyd |
| <i>School Administration</i> | Hummel, Wiegman |
| <i>Secondary Education</i> | Hummel, Wiegman |
| <i>Teacher Education</i> | Leavitt, Malter, Phelps, Wiegman |
- (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: Art Education in the Curriculum.** 3 hours.
The place of art in the educational program in relationship to child growth and development. Evaluation of art education in the elementary schools. Designed particularly for school administrators and teachers interested in curriculum development. Lectures, discussions, films, and use of community resources. Dietz. TuWThF, 1:00, Room 312.
- (U) Ed 507. **Education Seminar: Psycho-Educational Problems.** 1-6 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/or experience background. Prerequisite: consent of instructor. Hours to be arranged. Boyd. (First meeting, Wednesday, June 22, 9:00, Room 308.)
- (U) Ed 507. **Education Seminar: Administration of the Small School System.** 3 hours. (June 20-July 15).
The operational and philosophical problems peculiar to small school systems. Special emphasis on problems of rural or semi-rural district operation. Open to graduate students who are working, or who intend to work, in districts employing ten to twelve teachers or with consent of instructor. Wiegman, Hummel and staff. MTuThF, 10:00 to 12:00, Room 208.
- (S) Ed 507. **Education Seminar: Construction and Use of Objective Tests.** 3 hours. (July 18-August 12).
An intensive study of selected instruments for measuring intelligence, achievement, interests and personality traits with emphasis upon principles underlying their construction and use. Edson. MTuThF, 9:00 to 11:00, Room 214.
- (U) Ed 507. **Education Seminar: The Junior College.** 3 hours.
Individual or small group problem studies in philosophy, organization, curriculum, and administration. Reports, conferences, discussions, and evaluations. Gaiser. TuWThF, 1:00, Room 211.
- (U) Ed 507. **Education Seminar: Symposium of the Social Sciences.** 3 or 6 hours.
Background, development, and trends; the impact of each on education, philosophy, and the social science disciplines: anthropology, political science, psychology, and sociology. Selected processes and aspects of each considered in detail. Hummel, Courts, Guy, Haggard, Jenkins, Voget. TuWThF, 11:00 to 1:00, Room 104.

- (U) Ed 507. **Education Seminar: Radio and Television in Education.** 3 hours.
A survey and analysis of the use of radio and television in school and adult education. The preparation, presentation and utilization of educational broadcasts and telecasts, as well as the development of listening and viewing discrimination, are covered. Somerville. MWThF, 9:00, Room 107.
- (S) CT 507. **Seminar: Workshop Bishop Method of Clothing Construction.** 2 or 3 hours.
(See Workshops, page 49.)
- (U) Ed 508. **Workshop: Curriculum.** 3 or 6 hours.
(See Workshops, page 48.)
- (U) Ed 508. **Workshop: Economic Education.** 1-5 hours.
(See Workshops, page 48.)
- (S) Ed 508. **Workshop: Guidance.** 4-5 hours.
(See Workshops, page 48.)
- (S) FL 508. **Workshop: Parent Counseling.** 3 hours.
(See Workshops, page 49.)
- (C) Ed 509. **Foundations of Education.** 3 hours.
(See Ed 565.)
- (U) (C) Ed 512. **Research Procedures in Education.** 3 hours.
The nature and methods of research in the field of education; formulation of an individual educational problem; application of research techniques to the solution of the chosen problems. Bernard. TuWThF, 1:00, Room 106.
- (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. Sampson. MTuThF, 10:00, Room 114.
- (U) Ed 515. **Educational Statistics. (First Term).** 3 hours.
Technique in quantitative and experimental methods. Calculus not required. Prerequisite: graduate standing. Peterson. MTuWF, 11:00, Room 319.
- (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. Minear. MTuWF, 11:00, Room 310.
- (U) Ed 522. **Secondary-School Curriculum.** 3 hours.
An advanced course for experienced teachers. The school in the community; guidance activities in the school; extraclass activities; the role of the school in contemporary society; the teacher in the local community; Curtis. MTuThF, 10:00, Room 203.
- (U) 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, publications; evaluation of the school activity program. Minear. MTuWF, 12:00, Room 301.

- (U) Ed 525. **Pupil Personnel Programs.** 3 hours.
The need for guidance and counseling; organization and administration of guidance services; test, inventories, questionnaires, records; guidance in the curriculum; counseling the individual; the role of the home and the community in guidance; evaluation of guidance services. Ludwig. MTuThF, 10:00, Room 301.
- (U) Ed 527. **Secondary-School Administration and Supervision.** 3 hours.
The secondary-school principalship; principles of administration, staff relationships, public relations, and professional growth; business administration; administration of guidance services, curriculum, and school activities; evaluation of the secondary school. Minear. MWThF, 2:00, Room 301.
- (U) Ed 529. **Advanced Educational Psychology.** 3 hours.
Review of some modern viewpoints in educational psychology; discussion of useful experimental material. Prerequisite: graduate standing in education. Garrison, K. MTuWTh, 12:00, Room 105.
- (U) MuE 533. **Music in the Elementary School.** 3 hours.
Philosophy, supervision, curriculum, materials, and procedures of music teaching in the elementary school. Research in problems involving music and related areas of instruction. Snyder. MWThF, 9:00, Room 109.
- (U) Ed 534. **Science in the Elementary School.** 3 hours.
The place of science in the elementary school, with particular reference to the value of science in the lives of children. Selecting and organizing content; coordinating science with elementary-school activities; methods and materials; rooms and equipment. Hopson. MTuThF, 10:00, Room 310.
- (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. Lee, D. MTuWTh, 12:00, Room 211.
- (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. Sullivan. MTuWTh, 12:00, Room 111.
- (U) Ed 543. **History of American Education.** 3 hours.
The intellectual development of the United States, with special reference to education. Open to seniors on consent of instructor. Prerequisite: knowledge of American history. Guy. TuWThF, 8:00, Room 213.
- (S) Ed 546. **Philosophy of Education.** 3 hours.
Study of the broad fundamental principles and problems of education, as evaluated by the various schools of philosophical thought. Hovland. MTuWTh, 12:00, Room 110.
- (U) Ed 552. **Elementary-School Problems.** 3 hours.
Selected current problems; issues and theories of elementary education; characteristics of modern teaching; major trends in elementary education. Curtis. TuWThF, 8:00, Room 204.

- (U) Ed 553. **Elementary-School Curriculum.** 3 hours.
A systematic study of the elementary-school curriculum including pupil needs in everyday life situations, objectives, essentials of a good program, varying curriculum designs, organization of learning experiences, evaluation of learning, and appraisal of newer curriculum practices. Lee, D. MTuThF, 10:00, Room 207.
- (U) Ed 554. **Elementary-School Supervision and Administration.** 3 hours.
The role, duties, needs, and problems of modern supervision, including the evaluation and improvement of the teaching-learning situation. *Acceptable only to meet Administration requirements for Elementary Principals' Credentials.* Curtis. MTuWTh, 12:00, Room 203.
- (S) Ed 558. **The American College and University.** 3 hours. (June 20-July 15).
Functions and structures of American higher education; land-grant college movement; junior college; current problems and trends in their historical perspective. Prerequisite: graduate standing. Epler. MTuWTh, 12:00 to 1:00, Room 214.
- (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. Guy. MWThF, 9:00, Room 213.
- (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. Gaiser. MTuWF, 11:00, Room 111.
- (U) Ed 567. **Curriculum Materials.** 3 hours.
Effective use and organization of curriculum materials; text and reference books, supplementary pamphlet materials, films and slides, records and recordings, pictures, radio, etc.; techniques of unit construction and community survey. Somerville. MTuWTh, 12:00, Room 106.
- (U) Ed 572. **Public School Administration.** 3 hours. (July 18-August 12).
Relations of the principal to the school board; school finance, school records and accounts, school building programs, pupil accounting, the teaching staff. Prerequisite: Ed 311, 312 or teaching experience. Blankenship. TuWThF, 8:00 to 10:00, Room 208.
- (U) Ed 573. **Public School Organization.** 3 hours.
Organization in both grade and high school; emphasis on the small system. Prerequisite: Ed 311, 312, or teaching experience. Gaiser. MTuThF, 10:00, Room 111.
- (U) Ed 574. **School Supervision.** 3 hours. (July 18-August 12).
Purpose and plans for supervision; use of tests, diagnosis of pupil difficulty, etc., as applied to both elementary and secondary schools. Prerequisite: Ed 311, Ed 312, or teaching experience. Blankenship. MTuThF, 10:00 to 12:00, Room 208.
- (U) Ed 575. **School Finance.** 3 hours.
The problems of school finance and business management; sources of school income; relationship to the state financial structure; budgeting and accounting. The work includes the construction of a school budget. Sampson. MTuWTh, 12:00, Room 114.

- (U) Ed 576. **School Buildings.** 3 hours. (June 20-July 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. Hummel. TuWThF, 8:00 to 10:00, Room 208.
- (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, Ed 487, or consent of instructor. Ludwig. TuWThF, 1:00, Room 301.

English

Professor: FRANCHERE. Associate Professor: DAHLSTROM. Assistant Professors: BIERMAN, BOGGS, LITCHFIELD. Instructors: HART, SCHARBACH.
Visiting Faculty: BLOCK, COFFMAN, SULLIVAN.

Literature

- (U) Eng 101. **Survey of English Literature.** (First Term). 3 hours.
From Beowulf to Milton. Block. TuWThF, 1:00, Room 319.
- (U) Eng 105. **Appreciation of Literature.** (Second Term). 3 hours.
The aim is to stimulate the appreciation and criticism of literature through a study of outstanding works in prose and poetry, selected from all periods including the twentieth century; includes works in English and translations from other literatures. Scharbach. TuWThF, 8:00, Room 114.
- (C) Eng 107. **World Literature.** (First Term). 3 hours.
A sequence in narrative prose, drama, and poetry. Complete books are studied so that the student may be familiar with some of the masterpieces in Western World literature. Litchfield. MWThF, 2:00, Room 104.
- (C) Eng 109. **World Literature.** (Third Term). 3 hours.
Boggs. TuWThF, 1:00, Room 315.
- (U) Eng 202. **Shakespeare.** (Second Term). 3 hours.
Study of the important plays—comedies, histories, and tragedies. Required for majors. Litchfield. MTuWF, 11:00, Room 113.
- (U) Eng 262. **Survey of American Literature.** (Second Term). 3 hours.
American literature from its beginning to the present day. Two consecutive terms will satisfy the high-school teaching requirement in English. Hart. MTuWF, 11:00, Room 112.
- (U) Eng 321. **English Novel.** (Second Term). 3 hours.
From Richardson and Fielding to the present. Boggs. MTuThF, 10:00, Room 315.
- (U) Eng 328. **American Drama.** 3 hours.
A study of major American dramatists. Dahlstrom. MWThF, 9:00, Room 215.
- (U) Eng 350. **Satire.** 3 hours.
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. Bierman. MTuWF, 11:00, Room 315.

(E) Eng 388. Children's Literature and Library. 3 hours.

Designed to give an acquaintance with good books and magazines for children and procedures in introducing them to children. Experience with and knowledge of school library procedures. Sullivan. TuWThF, 8:00, Room 319.

(U) Eng 394. Twentieth-Century Literature. (First Term). 3 hours.

British and American literature since 1900. This sequence may not be offered toward the satisfaction of the minimum requirement for a major in English. Franchere. MTuWF, 11:00, Room 213.

(U) Eng 428. Chaucer. (G) 3 hours.

As much of Chaucer's work read as time permits. Required for graduate students in English. Block. MTuWTh, 12:00, Room 319.

(U) Eng 486. Major American Writers: The Realists. (G) (Third Term). 3 hours.

Robinson and Eliot. Franchere. MWThF, 9:00, Room 204.

(U) Eng 505. Reading and Conference. Hours to be arranged.**(U) Eng 507. Seminar: Seventeenth Century. 3 hours.**

Studies in seventeenth century writers. Block. MTuThF, 10:00, Room 319.

(U) Eng 508. Workshop: The Teaching of Literature and Composition in the High School. 3 hours.

(See Workshops, page 48.)

Writing**(U) Wr 111. English Composition. (First Term). 3 hours.**

The fundamentals of English composition; frequent written themes. Special attention to correctness in fundamentals and to the organization of papers. Litchfield. MTuWTh, 12:00, Room 113.

(U) Wr 112. English Composition. (Second Term). 3 hours.

Hart. MTuThF, 10:00, Room 106.

(U) Wr 113. English Composition. (Third Term). 3 hours.

Scharbach. MWThF, 9:00, Room 114.

(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. Required for satisfaction of the high-school teaching-field requirement in English. Prerequisite: Wr 111, 112, 113. Boggs. MTuWTh, 12:00, Room 315.

Foreign Languages

Associate Professor: JOHNSON. Assistant Professor: EATON.

French*(U) RL 1, 2. First-Year French. 8 hours.**

Provides an introduction to grammar and practice in reading modern prose; considerable practice in pronunciation and opportunity for understanding the spoken language. Equivalent to the first two terms of First-Year French given during the regular academic year. Johnson. Daily, 11:00 and 12:00, Room 102.

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

German*(U) GL 1, 2. First-Year German. 8 hours.**

Provides an introduction to grammar and practice in reading modern prose; considerable practice in pronunciation and opportunity for understanding the spoken language. Equivalent to the first two terms of First-Year German given during the regular academic year. Recommended for students who wish to acquire a reading knowledge. Eaton. Daily, 8:00 and 9:00, Room 315.

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

Provides an introduction to grammar and practice in reading modern prose; considerable practice in pronunciation and opportunity for understanding the spoken language. Equivalent of the first two terms of First-Year Spanish given during the regular academic year. Johnson. Daily, 8:00 and 9:00, Room 102.

General Studies

Portland Summer Session Adviser: CAUGHLAN. Chairman, University Committee: BERREMAN. Chairman, State College Committee, YUNKER.

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

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

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

Geography

Assistant Professor: DART. Visiting Faculty: HEWES.

(U) (C) 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, Dart MWThF, 9:00, Room 312.

Geog 106, Dart MTuThF, 10:00, Room 312.

Geog 107, Hewes MTuWF, 11:00, Room 312.

(C) Geog 326. Geography of Europe. 3 hours.

The geographic backgrounds of European civilization; present-day regional and political adjustments to environmental conditions; geographical aspects of European colonial expansion; analysis of the geographic individualities of the major countries, and the relations between human life and natural environment. Dart. MTuWTh, 12:00, Room 312.

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

A course providing a basic understanding of economics and social activities in the major human-use regions of the home continent; description, analysis, and interpretation of the present occupancy pattern of the major regions of the United States; brief survey of Canada, Mexico, and the Caribbean regions. Hewes. TuWThF, 1:00, Room 103.

(U) Geog 405, 505. Reading and Conference. Hours to be arranged. Staff.

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

- (U) Geog 426. **Geography of Europe.** (G) 3 hours.
Some of the special problems of Europe today studied in light of the geographic background of the continent. Prerequisite: Geog 105, 106, 107, or Geog 201, 202, 203, or consent of instructor. Dart. MTuWTh, 12:00, Room 312.
- (U) Geog 429. **Geography of North America.** (g) 3 hours.
Regional geography of the continent north of the Rio Grande. Prerequisite: Geog 105, 106, 107, or Geog 201, 202, 203, or consent of instructor. Hewes. TuWThF, 1:00, Room 103.
- (U) Geog 507. **Seminar: Human Geography.** 3 hours.
Studies about the earth as the home of man. Advantages and limitations of various earth areas. The cultural landscape as evolved by human action. Distribution of human activities and of men and their works. Hewes. MTuThF, 10:00, Room 112.

Health and Physical Education

Assistant Professors: GREENSLADE, HOLLAND.
Visiting Faculty: BRIGHTBILL, JENNE, PUCKETT, WASHKE.

- (U) 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. Washke. TuWThF, 8:00, Room 312.
- (U) HE 411, 412, 413. **Health-Education Workshop.** (g) 3 hours each.
HE 411. Structure and functions of the human body, first aid and safety. Choice and use of health products. MTuWTh, 12:00, Room 215.
HE 412. Personal hygiene (including effects of alcoholic drinks, stimulants, and narcotics), nutrition, community health and sanitation. MTuWTh, 1:00, Room 215.
HE 413. Physiology of exercise, communicable and non-communicable disease, and mental health (including family-life education). MTuWTh, 2:00, Room 215. Greenslade.
- (U) HE 450. **Elementary-School Health Education.** (g) 3 hours.
The purpose 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. TuWThF, 8:00, Room 110.
- (S) PE 340. **School Programs in Elementary Physical Education.** 3 hours.
Purposes in elementary-school physical education; planning progressive programs for grades 1-8; methods of obtaining objectives; evaluation. Puckett. MTuThF, 10:00, Gym.
- (U) 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. MTuWF, 11:00, Room 103.
- (C) PE 371. **Kinesiology.** 3 hours.
Body mechanics, applied to all phases of the physical-education program and athletics. Holland. MWThF, 2:00, Room 103.

- (U) PE 406. **Special Problems: Coaching Team Sports.** 3 hours.
(See Workshops, page 48.)
- (U) PE 406. **Special Problems: Dance Workshop.** 3 hours.
(See Workshops, page 48.)
- (U) PE 406, 506. **Special Problems: Recreation Workshop.** 2 hours.
(See Workshops, page 49.)
- (U) PE 413. **Physical-Education Workshop.** (g) (Third Term). 3 hours.
An opportunity will be provided for teachers to work out plans for the use of individual team sports and games to fit the needs of particular school situations. Puckett. MTuWF, 11:00, Gym.
- (C) PE 470. **Principles of Physical Education.** (G) 3 hours.
The scientific basis and background for physical education, its aims, objectives, and standards; the place of physical education in the general education program, the present trend in physical education, and the practical problems of the public-school teacher. Holland. MTuWF, 11:00, Room 103.
- (U) PE 472. **Kinesiology.** 3 hours.
Action of muscles involved in fundamental movements, calisthenics, gymnastics, and athletics. Prerequisite: PE 471. Holland. MWThF, 2:00, Room 103.
- (U) PE 507. **Seminar: Intramural Sports.** 3 hours.
Analysis of successful intramural programs in schools and colleges; study of problems encountered in program operations; nature and purpose of intramural programs; relationship of the program to physical education programs; organization of programs. Washke. MWThF, 9:00, Gym.
- (U) PE 550. **Current Movements in Physical Education.** 3 hours.
The different schools of thought and practice which determine the purposes and procedures in the professional field of physical education. Analysis of the Oregon and other regional public-school programs. Prerequisite: PE 444, PE 540, 541, or consent of instructor. Washke. MTuWTh, 12:00, Room 213.
- See the following listed under EDUCATION:
- (C) Ed 344. **Physical-Education in the Elementary Grades.** 3 hours. Puckett.
- (C) Ed 351. **Health Education.** 3 hours. Puckett.

History

Associate Professors: HOFFMAN, HOFFMANN. Assistant Professor: SPURLOCK.
Instructor: GILMORE. Visiting Faculty: CAPPER-JOHNSON, CUTTS.

- (U) Hst 102. **History of Western Civilization.** (Second Term). 3 hours.
Origins and development of Western civilization from ancient times to the present. Smith. TuWThF, 8:00, Room 111.
- (U) (C) Hst 201, 202, 203. **United States History and Government.** 3 hours each. From colonial times to the present day.
History 201, Gilmore MTuWF, 11:00, Room 110.
History 202, Hoffmann WTUWTh, 12:00, Room 103.
History 203, Capper-Johnson TuWThF, 1:00, Room 111.
- (U) Hst 393. **Far East and India in Modern Times.** (Third Term). 3 hours.
Twentieth century Asia. The recent political, economic and diplomatic history of India, China, Japan and Korea. Recent social, religious and population problems. Cutts. MTuWF, 11:00, Room 203.

- (U) Hst 419. **Studies in Western Civilization.** (G) (Second Term). 3 hours.
Political, economic, and intellectual problems in the history of Western Civilization. Intended primarily for teachers. Hst 419, since 1815. Smith. MTuThF, 10:00, Room 216.
- (U) Hst 445. **Europe Since 1939.** (g) 3 hours.
Origins and course of World War II; postwar developments in the European states. Capper-Johnson. MWThF, 2:00, Room 106.
- (U) Hst 448. **Soviet Union.** (g) 3 hours.
The revolution of 1917; Russian domestic and foreign policies from 1917 to the present. Smith. MTuWF, 11:00, Room 216.
- (U) Hst 473. **American Foreign Relations.** (g) (First Term). 3 hours.
The origins, character, and consequences of American foreign policies from the Revolutionary War to the present. Hoffman. MWThF, 9:00, Room 104.
- (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 had Hst 377. Prerequisite: Hst 201, 202, or consent of instructor. Section I: Gilmore. MTuWF, 11:00, Room 110. Section II: Spurlock. TuWThF, 1:00, Room 216.
- (U) Hst 479. **Forces and Influences of American History.** (G) 3 hours.
Geographic influences; influence of the frontier, inheritance and tradition; economic forces; nationalism; sectionalism; manifest destiny; democracy. Hoffmann. MTuThF, 10:00, Room 103.
- (C) Hst 492. **World Problems.** 3 hours.
Consideration given to current and significant political, economic and social problems of the nations in relation to American culture. Not open to students who have taken SSc 411. Cutts. MWThF, 2:00, Room 203.
- (U) Hst 494. **History of China.** (G) (First Term). 3 hours.
From legendary times to the T'ang Dynasty (618-907). Cutts. TuWThF, 1:00, Room 203.
- (U) Hst 505. **Reading and Conference.** Hours to be arranged. Staff.

Home Economics

Visiting Faculty: INCALLS, GREGORY, O'REILLY, ROTRUCK.

- (S) CT 407, 507. **Seminar: Workshop Bishop Method of Clothing Construction.** 2 or 3 hours.
(See Workshops, page 49.)
- (S) FL 508. **Workshop: Parent Counseling.** 3 hours.
(See Workshops, page 49.)
- See the following listed under SOCIOLOGY:
- (U) Soc 407. **Seminar: Marriage and Family Life Education.** (G) 3 hours.
Drum.

Journalism

Instructor: CLISHAM.

- (U) 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. No prerequisite. TuWThF, 9:00, Room 211.

Mathematics

Professor: PETERSON. Assistant Professor: EATON.
Instructor: BYRNE. Visiting Faculty: SAMPSON.

- (U) Mth 10. **Elements of Algebra.** 4 hours.
For students entering with less than one year of elementary algebra. Open to others only on recommendation of the department. May not be taken for credit after completion of other courses in college mathematics. Byrne. Daily, 2:00, Room 204.
- (U) Mth 100. **Intermediate Algebra.** 4 hours.
Prerequisite: one year of high-school algebra. Eaton. Daily, 11:00, Room 308.
- (S) Mth 102. **Elementary Analysis.** (Second Term). 4 hours.
Trigonometry. Prerequisite: Mth 100 or equivalent. Byrne. Daily, 12:00, Room 204.
- (U) Mth 203. **Differential and Integral Calculus.** (Third Term). 4 hours.
Standard sequence for students of physical, biological, and social sciences. Prerequisite: Mth 201 and 202, or consent of instructor. Peterson. Daily, 1:00, Room 308.
- (C) Mth 311. **Foundations of Mathematics.** 3 hours.
Treatment of historical aspects of mathematics, social uses and relationships, mathematical principles and relationships, grade placement of content materials, appraisal of texts, workbooks and tests, development of problem-solving ability, and proficiency in the fundamental skills of mathematical processes. Sampson. TuWThF, 1:00, Room 105.
- (U) Mth 314. **Advanced College Algebra.** 3 hours.
An extension of the work in algebra given in freshman mathematics. Prerequisite: one year of college mathematics. Byrne. MTuThF, 10:00, Room 204.
- (U) Mth 405. **Reading and Conference.** 3 hours.
Peterson. To be arranged.
- (U) Mth 425. **Elements of Statistical Methods.** (g) (First Term). 3 hours.
A basic course in statistical analysis. Presentation of data; sampling theory; tests of significance; analysis of variance and covariance; regression and correlation; sequential analysis; design of experiments; distribution-free techniques. Prerequisite: one year of high-school algebra; junior standing or consent of instructor. Peterson. MTuWF, 11:00, Room 319.

Music

Professor: STEHN. Visiting Faculty: BITTNER, HAYNES, PITTS, SNYDER.

- (U) Mus 190. **Applied Music.** Hours to be arranged.
Freshman year. Individual instruction in the organ, piano, and individual orchestral and band instruments. For music majors and music instructors. Hours to be arranged with Mr. Stehn.
- (U) Mus 290. **Applied Music.** Hours to be arranged.
Sophomore year. Continuation of Mus 190. Hours to be arranged with Mr. Stehn.
- (C) Mus 381. **Music Fundamentals (Introductory Course in Music).** 3 hours.
A musical background for the elementary grade teacher; singing varied types of song literature; acquiring good vocal habits; reading music; experiencing simple problems in rhythm; listening to music, analyzing its forms; learning keys, scales, intervals, primary chords, and their application to the piano keyboard. Snyder. MTuWF, 11:00, Room 109.
- (C) Mus 383. **Music Fundamentals (Music Education).** 3 hours.
Showing the close relationship between music education and other areas in education; planning a musical environment; directing the experiences of children in music; studying principles and procedures in teaching music skills. Snyder. TuWThF, 1:00, Room 109.
- (U) Mus 390. **Applied Music.** Hours to be arranged.
Junior year. Continuation of Mus 190. Hours to be arranged with Mr. Stehn.
- (U) MuE 407. **Seminar: Elementary School Music.** (G) 3 hours.
(See Workshops, page 49.)
- (U) Mus 408. **Seminar in Music History.** (G) 3 hours.
An intensive study of limited areas of music history, with emphasis on styles of particular composers, schools, and periods. Maximum undergraduate credit, 9 hours; maximum graduate credit, 9 hours. Prerequisite: Mus 360, 361, 362, or consent of instructor. Bittner. MTuThF, 10:00, Room 109.
- (U) Mus 435. **Applied Theory.** (G) (Second Term). 3 hours.
Designed primarily for school orchestra, band, and choral directors. Practical study of problems of harmony, form, structure, counterpoint, rhythm, and intonation as they are usually encountered in the music performed by high-school organizations. May be counted toward the degree of Master of Science in General Studies; may not be counted toward a music degree. Prerequisite: experience as an orchestra, band, or choral director, or consent of instructor. Bittner. MTuWTh, 12:00, Room 109.
- (U) Mus 490. **Applied Music.** Hours to be arranged.
Senior year. Continuation of Mus 190. Hours to be arranged with Mr. Stehn.
- (U) Mus 507. **Seminar: Band Technique.** 3 hours.
Rehearsal technique, training methods, selection of music, practical problems. In conjunction, a clinic band of forty to fifty high school freshmen and sophomores will be used. Haynes. MWThF, 2:00, Room 109.
- (U) MuE 533. **Music in the Elementary School.** 3 hours.
Philosophy, supervision, curriculum, materials, and procedures of music teaching in the elementary school. Research in problems involving music and related areas of instruction. Snyder. MWThF, 9:00, Room 109.

Philosophy

Associate Professor: DAHLSTROM. Visiting Faculty: JENKINS.

- (U) Phl 203. **Elementary Ethics.** 3 hours.
An introduction to the philosophical study of morality, e.g., right and wrong, free will and determinism, morals and society, etc. Dahlstrom. MTuWF, 11:00, Room 215.
- (U) Phl 441. **Aesthetics.** (G) (First Term). 3 hours.
Systematic study of the meaning and value of aesthetic experience in everyday life and in the arts—painting, music, literature, etc. Jenkins. TuWThF, 8:00, Room 201.
- (U) Phl 421. **Philosophy in America.** (g) (First Term). 3 hours.
Survey from colonial times to the present. Puritanism, deism, transcendentalism, idealism, and realism. Jenkins. MWThF, 9:00, Room 201.

Political Science

Instructor: HAGGARD. Visiting Faculty: CAPPER-JOHNSON.

- (U) PS 201. **American Governments.** (First Term). 3 hours.
National government. Haggard. TuWThF, 1:00, Room 102.
- (U) PS 414. **Political Parties and Election Problems.** (G) 3 hours.
The nature, organization, and operation of political parties; election and recall of officers; proportional representation; initiative and referendum; civil-service reform. Haggard. MTuThF, 10:00, Room 102.
- (U) PS 419. **International Organization.** (G) (First Term). 3 hours.
A survey and analysis of the development of public international organization with chief emphasis on the United Nations and its affiliated organizations; consideration of the leading problems of the United Nations; international administration. Capper-Johnson. MTuWF, 11:00, Room 211.
- (U) PS 433. **American Political Theory.** (G) 3 hours.
The development of American political theories from early colonial days to the present. Haggard. MWThF, 9:00, Room 206.
- (U) PS 507. **Seminar: Symposium of the Social Sciences.** 3 or 6 hours.
Haggard (See Ed 507. Education Seminar: Symposium of the Social Sciences.)

Psychology

Associate Professors: BERNARD, WILCOX.

Visiting Faculty: BONNEY, BOYD, COURTS, GARRISON, LEE.

- (U) (C) Psy 201. **General Psychology.** (First Term). 3 hours.
Introductory study of behavior and conscious processes. Survey of experimental studies with references to motivation, learning, thinking, perceiving, and individual differences. Wilcox. MTuWF, 11:00, Room 313.
- (U) (C) Psy 202. **General Psychology.** (Second Term). 3 hours.
Wilcox. MTuThF, 10:00, Room 110.

- (U) Psy 204. **Psychology of Adjustment.** 3 hours.
The nature and origins of differences in personality; means of making desired changes. Prerequisite: Psy 201, 202. Wilcox. TuWThF, 8:00, Room 113.
- (U) Psy 208, 209, 210. **General Psychology Laboratory.** 1 hour each.
Introduction to experimental methods. Laboratory work coordinated with Psy 201, 202, Psy 204, 205. Wilcox. TuWThF, 1:00, Room 313.
- (C) 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. Required of an elementary education major. Bonney. MWThF, 2:00, Room 207.
- (S) Psy 411. **Mental Hygiene.** (g) 3 hours.
Principles and application of mental hygiene to problems of individual in home, school, and occupational situations. Prerequisite: Psy 202 or Psy 207, or consent of instructor. Bernard. MTuWF, 11:00, Room 105.
- (U) Psy 421, 422. **Clinical Methods in Psychology.** (G) (First and Second Terms). 2 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. Psy 421 prerequisite for Psy 422. Boyd. TuWThF, 8:00, Room 308.
- (U) Psy 424, 425. **Mental-Testing Laboratory.** (G) (First and Second Terms). 2 hours each.
Supervised practice in the administration and scoring of individual and group intelligence tests and various tests of achievement, special aptitude, and personality. Two 2-hour laboratory periods. Psy 425 prerequisite for Psy 424; Psy 422 prerequisite for Psy 425. Boyd. To be arranged.
- (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. Garrison. TuWThF, 8:00, Room 105.
- (U) Psy 460. **Psychology of Infancy and Childhood.** (g) 3 hours.
Growth of behavior during the prenatal period, infancy, and childhood. Development of muscular activities; perception, emotional adjustment, intelligence, language, and social behavior in childhood. Lee. MWThF, 9:00, Room 113.
- (U) Psy 461. **Psychology of Adolescence.** (g) 3 hours.
Study of the behavior changes during pre-adolescence and adolescence as related to physiological development and social and cultural factors. Emphasis on personal and social adjustment. Intended to follow Psy 460. Garrison. MTuThF, 10:00, Room 105.
- (U) Psy 507. **Seminar: Individual Differences.** 3 hours.
Importance and extent of individual differences in various human traits. Examination of current psychological literature and experimental findings relative to such problems as the effects of practice, special abilities, and mental characteristics. Courts. TuWThF, 8:00, Room 104.
- (U) Psy 507. **Seminar: Symposium of the Social Sciences.** 3 or 6 hours.
Courts. (See Ed 507. Education Seminar: Symposium of the Social Sciences.)

- (U) Psy 507. **Seminar: Systematic Psychology.** 3 hours.
The nature of psychological theory. A consideration of the major theoretical systems and their historical development. Courts. MWThF, 9:00, Room 106.
- (C) Psy 520. **Psychology of Learning.** 3 hours.
Introduction to the major theories of learning current among psychologists doing research in the field. Experimentation and research underlying these theories will be studied and applied to modern practices. Includes learning theory and practices at all age levels through adulthood. Garrison. MTuWTh, 12:00, Room 105.

Religion

Visiting Faculty: HOVLAND.

- (U) R 421. **Religion in Contemporary Society.** (g) 3 hours.
The relation of religion to social institutions. Religion and the state, totalitarian and democratic. The social teachings of the various churches and religious groups. The religious situation today. Criteria for evaluating religion as a social force. MWThF, 9:00, Room 112.
- (U) R 422. **Psychology of Religion.** (g) 3 hours.
A study of the psychology of various forms of religious behavior. MTuThF, 10:00, Room 104.

Science

Associate Professors: HOPSON, JOHNSON, LANGE, MACNAB.
Assistant Professor: PAYNE. Instructor: MALCOLM.
Visiting Faculty: LONG, MASON.

Chemistry

- (S) *Ch 104, 105, 106. **General Chemistry.** 4 hours each.
Required for nursing-education and medical-technician students. Johnson. Lecture: Daily, 10:00 to 12:00 and 3:30 to 4:00, Room 303. Laboratory: Daily, 1:00 to 3:00, Room 304.
- (S) Ch 226, 227. **Organic Chemistry.** 5 hours each.
Carbon compounds of the aliphatic and aromatic series. Lange. Lecture: MTuWTh, 8:00 to 10:00, Room 303. Laboratory: MTuWTh, 10:00 to 2:00, Room 304.

General Science

- (C) *Sc 101, 102, 103. **Biological Science Survey.** 3 hours each.
Place of man in relation to other forms of life, with particular reference to heredity, nervous systems, organic evolution; importance of animal and plant forms as sources of food, shelter, clothing, and medicines, and as sources of disease. Malcolm. Lecture: MTuWF, 10:00 to 12:00 and 1:00 to 2:00, Room 314. Laboratory: MTuWF, 2:00 to 4:30, Room 314.

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

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

A course in the elements of the branches of physical science, i.e., astronomy, chemistry, geology, meteorology, and physics. Study of the development of these fields from their earliest historical beginnings to their present-day positions and effects on society. Particular emphasis is placed on the development of scientific attitudes. Payne. TuWThF, 8:00 to 11:00, Room 313.

(C) GS 311. **Natural History of Oregon.** (First Term). 3 hours.

The earth and life history of Oregon; kinds of distribution of contemporary plant and animal life. Prerequisite: upper-division standing and a year sequence in general biology. Students who have had GS 311 may register for GS 312 or 313 by special arrangement with the instructor. Hopson. MWThF, 9:00, Room 310.

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

Open only to students registered in Ed 489 Conservation and Outdoor Education Workshop. Hopson.

Geology(S) G 350. **Rocks and Minerals.** 3 hours.

This course gives opportunity to become acquainted with rocks and minerals without having to meet the requirements of the more technical courses. Especially useful to students expecting to teach general science. Prerequisite: upper-division standing or consent of instructor. Mason. TuWThF, 8:00, Room 310.

Physics(S) *Ph 101, 102, 103. **Engineering Physics.** 4 hours each. (June 20-August 19).

Studies in general physics adapted to students in engineering. Prerequisite: Mth 101 or equivalent. Long. Lecture: Daily, 9:00 to 11:00, Room 2. Laboratory: MTuWTh, 1:00 to 4:00, Room 3.

(S) *Ph 201, 202, 203. **General Physics.** 4 hours each. (June 20-August 19).

Studies in general physics adapted to students in engineering. Prerequisite: Mth 101 or equivalent. Long. Lecture: Daily, 9:00 to 11:00, Room 2. Laboratory: MTuWTh, 1:00 to 4:00, Room 3.

Zoology(S) *Z 201, 202, 203. **General Zoology.** 3 hours.

For zoology majors and premedical, pre dental, pre nursing, pharmacy, physical education, psychology, fish and game management students, and others. Macnab. Lecture: MTuWTh, 8:00 to 10:00, Room 309. Laboratory: MTuWTh, 10:00 to 12:00 and 1:00 to 2:00, Room 309.

Science Education(C) Ed 410. **Methods and Research Materials: Science.** (G) 3 hours. Hopson. (See description under EDUCATION.)(U) Ed 435. **Science in the Elementary School.** 3 hours. Hopson. (See description under EDUCATION.)

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

Secretarial Science

Assistant Professor: BACKLUND.

(S) SS 111. **Stenography.** (First Term). 3 hours.

Theory of shorthand; practical applications in sentence dictation. SS 121, 122, 123 must be taken concurrently unless the student has had the equivalent. Students with one year of shorthand are not permitted to take course SS 111 for credit. MTuThF, 10:00, Room 308.

(S) SS 121. **Typing.** (First Term). 2 hours.

For individuals with no typing or some typing background, study of keyboard technique, dictation exercises, numbers, vertical and horizontal spacing, centering, letter placement and addressing envelopes, speed and accuracy drills, and straight copy writing. Individual attention to all typing problems. Daily, 12:00, Room 307.

(S) SS 122 or 123. **Typing.** (Second or Third Term). 2 hours each.

Writing paragraphs, punctuation and mechanical arrangement of business correspondence, legal forms, tabulating, manifolding, and speed practices. Daily, 1:00, Room 307.

Sociology

Assistant Professor: DRUM. Visiting Faculty: GOOD, JAMES, VOGET.

(U) 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. Voget. TuWThF, 8:00, Room 207.

(U) Soc 328. **Introduction to Social Research.** (Second Term). 3 hours.

The class plans and carries through to completion research projects designed to give experience in the use of the basic methods and techniques. Prerequisite: Soc 204, 205, 206, or consent of instructor. James. TuWThF, 8:00, Room 206.

(U) Soc 346. **Social Case Methods Applied to Nursing.** 3 hours.

History and current concepts of case-work theory; social problems related to illness; principles of interviewing; relationships between nurses and social workers. Good. TuTh, 8:00 to 10:00, University of Oregon Medical School.

(U) Soc 407. **Seminar: Marriage and Family Life Education.** (G) 3 hours.

Meaning and content; course content on pre-school, elementary, and high-school level. Psychology of personality development. Role and fundamentals of sex education in family life. Basic psychological concepts in teaching family life. Counseling in family life education. Of special interest to teachers, counselors, deans of men and women and school administrators. Drum. MTuWF, 11:00, Room 2.

(U) Soc 407. **Seminar: Social Welfare Resources and Organization.** (G) (Use of Social Agencies by teachers, nurses, and other professionals.) 3 hours.

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. (Can be substituted for Soc 347 and Ed 429.) Drum. MTuWTh, 12:00, Room 2.

(U) Soc 417. **Juvenile Delinquency.** (G) 3 hours.

Nature and extent of delinquent behavior; contributing factors; current preventive and treatment program. Prerequisite: general sociology or general psychology. Drum. MWThF, 2:00, Room 102.

(U) Soc 436. Social Control. (G) 3 hours.

Techniques and agencies by which the behavior of crowds, classes, associations, and publics is controlled. Prerequisite: Soc or Psy 334, 335, or consent of instructor. James. MTuThF, 10:00, Room 215.

Speech

Assistant Professor: GAUPP. Instructor: WOOD.
Visiting Faculty: COHEN, LILLYWHITE.

(U) (C) 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. Cohen. MWThF, 9:00, Room 216.

(S) Sp 242. Recreational Use of Drama (Children's Theatre). 3 hours.

Training for leadership and participation in recreational-creative dramatics; story-telling; creating original story; pantomime; dramatization of narrative material; improvisation in acting, staging, and costuming. Gaupp. MTuThF, 2:00, Room 107.

(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. Lillywhite. TuWThF, 1:00, Shattuck School.

(C) Sp 392. Principles and Techniques of Speech Correction. 3 hours.

Designed to survey the field of speech defects and to acquaint classroom teachers with an understanding of typical speech defects among children and basic techniques for their prevention and correction. Emphasis placed on those areas of speech correction to aid classroom teachers including analysis of speech mechanics, recognition of defects, formation of sounds, testing devices, and parent cooperation. Wood. TuWThF, 8:00, Room 215.

(U) Sp 448. Radio and Television and the Public. (G) 3 hours.

The influence and importance of broadcasting as a social, political, and cultural force; the development of broadcasting; commercial versus public-service broadcasting; the rights and duties of listeners; public opinion and propaganda influence. Cohen. MTuThF, 10:00, Room 107.

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

Theory of various elements of dramatic production. Sp 451: theory of acting. Gaupp. MTuWF, 11:00, Room 107.

(U) Sp 452. Theory of Dramatic Production. (G) (Second Term). 3 hours.

Theory of various elements of dramatic production. Theory of dramatic direction. Gaupp. TuWThF, 1:00, Room 107.

(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. Prerequisite: Sp 370. Lillywhite and staff. MWThF, 2:00, Shattuck School.

(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. TuWThF, 8:00, Shattuck School.

(U) Sp 484, 485, 486. Clinical Practice in Speech Correction. (G) 2 hours each.

Actual case experience for student clinicians in the diagnosis and treatment of speech-defective children and adults, under supervision. Lillywhite and staff. Hours to be arranged.

(U) Sp 507. Seminar: Argumentation and Debate. 3 hours.

A study of the principles and applications of argumentation. Attention will be given to forms of reasoning, utilization and testing of evidence, briefing of argument, methods of refutation, modes of speech preparation and delivery. Special attention will be directed to the problems of high school speech teachers and debate directors. Cohen. MTuWTh, 12:00, Room 107.

Workshops

Eight-Week Workshops

- (U) Ed 508. **Workshop: Curriculum.** 3 or 6 hours. (June 20-August 12).

The workshop will provide opportunities for teachers, supervisors, and administrators to develop materials for use in any aspect of the educational program in grades K-12. Special attention will be given to the problems of preparing units and courses of study. Members will be expected to come with tentative ideas or plans of what they intend to work on. Working time will be devoted to (a) presentation of theory, (b) group work on projects, (c) independent work on projects, (d) conferences with the instructor. Students who wish to obtain credit for work in Cancer Education confer with Dr. Leavitt. Enrollment will be limited to 25 active members of the teaching profession and by consent of the instructor only. Leavitt. Hours to be arranged. Daily, 11:00 to 2:00, Room 207.

- (U) PE 406. **Special Problems: Coaching Team Sports.** 3 hours. (June 20-August 12).

Coaching methods and problems for football, basketball, baseball, and track. Fundamentals of team play. Rules, training, and conditioning. Selection of men for positions. For prospective coaches. Holland. MTuWTh, 12:00, Gym.

Four-Week Workshops

- (U) PE 406. **Special Problems: Dance Workshop.** 3 hours. (June 20-July 15).

Folk and social dance instruction, practice, organization, methods and materials for the rhythm programs at the intermediate and upper grade elementary school levels and high schools. Jenne. TuWThF, 3:00 to 5:00.

- (U) Eng 508. **Workshop: The Teaching of Literature and Composition in the High School.** 3 hours. (June 20-July 15).

Coffman, Franchere, Hart. TuWThF, 1:00 to 3:00, Room 312.

Three-Week Workshops

- (S) Ed 508. **Workshop: Guidance.** 4-5 hours. (June 13-July 1).

A program for counselor training with particular emphasis placed on the counseling interview and group dynamics. 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 12, Oregon. Applications will be accepted in order received. Eiserer, McGill, and staff.

- (U) Ed 508. **Workshop: Economic Education.** 1-5 hours.

Ec 507. **Seminar: Economic Problems.** 2 hours.

- BA 507. **Graduate Seminar: Economic Education.** 2 hours. (June 13-July 1).

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 for Economic Education is cooperating with the Portland Summer Session in this workshop. Limited enrollment. Admission by prior application. Malter, Ballaine, Ferrier, Smith. Daily, 9:00 to 12:00 and 1:00 to 3:00, Lincoln High School.

Two-Week Workshops

- (S) CT 407, 507. **Seminar: Workshop Bishop Method of Clothing Construction.** 3 hours. (Advanced course: June 13-24. Basic course: June 20-July 1).

The workshop will provide an opportunity to learn the Bishop method of sewing and to develop plans to introduce it in the clothing and textile portion of the Home Economics program of the public school. Enrollment in each limited to fifty credit students. In addition, a limited number of auditors may enroll for the lecture and demonstration portions of each section of the workshop. Advanced workshop on either a credit or audit basis open only to students who attended the 1954 workshop or have an equivalent background. Applications for the workshop must be made in advance to Mrs. Justine O'Reilly, 631 N.E. Clackamas St., Portland 8, Ore. Ingalls, Rotruck, O'Reilly. Grant High School.

- (S) FL 508. **Workshop: Parent Counseling.** 3 hours. (July 18-29).

Relationships of parents and children; resources for meeting problems with emphasis on discussion as a method. Prerequisite or parallel: FL 425. Gregory. Daily, 10:00 to 12:00 and 1:00 to 3:00, Shattuck School.

- (U) MuE 407. **Seminar: Elementary School Music.** (G) 3 hours. (August 22-September 2).

General music education workshop. The place of music in the lives of all teachers of children. The scope of a program in which every child can find something that is suited to individual preferences and needs. Demonstration of materials appropriate for different maturity levels. Singing, rhythms, dramatic play, the expressive use of informal instruments, listening to music, creative expression, reasonable approaches to musical notation, and correlations with other relevant areas of the school curriculum. Pitts. Daily, 8:00 to 12:00, Room 109.

One-Week Workshops

- (S) CT 407, 507. **Seminar: Workshop Bishop Method of Clothing Construction.** 2 hours. (Basic courses: June 13-17, June 27-July 1).

(See CT 407, 507. Seminar: Bishop Sewing Method under two-week workshops.)

- (E) Ed 489. **Conservation and Outdoor Education Workshop.** (G) 3 hours. (July 17-23).

A workshop in conservation and outdoor education will be held at Hoodoo Bowl Inn near the summit of Santiam Pass. To assist in conducting the workshop the Portland Summer Session has the cooperation of many public and private agencies, industries, and organizations interested in conservation of natural resources. Skilled leaders from these groups will serve as resource people in leading workshop participants in an on-the-spot study of forestry, timber, wildlife, minerals, soils, crops, irrigation, power potentials, and outdoor living. A wealth of instructional materials will be on display. Educational consultants will assist in planning projects to include conservation and outdoor education in the school curriculum. Costs: Course fee \$21; food and lodging for seven days, \$40. Enrollees will be responsible for transportation to and from Hoodoo Bowl. Limited to fifty. Application should be made in advance addressed to Dr. Clark P. Spurlock, 1620 S.W. Park Avenue, Portland 1, Oregon. Hopson, Westcott.

- (U) PE 406, 506. **Special Problems: Recreation Workshop.** 3 hours. (Aug. 15-19).

Recent trends and problems in recreation; administration of recreation programs, including budgeting and financing; standards for preparation of professional recreation personnel; methods of organizing and conducting community, school, and industrial recreation programs. Planned for teachers, agency and industrial recreation workers, directors, and program administrators; recreation board members and lay workers in the field. Staff includes city, county, and educational leaders. Brightbill. Daily, 9:00 to 12:00 and 1:00 to 4:00, Gym.

Schedule of Classes

8:00 a.m.

Number	Course Title	Instructor	Room
A 321.	Art Fundamentals. TuWThF	Garrison, L	317
BA 223.	Elements of Marketing. TuWThF	Ballaine	203
BA 412.	Personnel Management. (G) TuWThF	Trueblood	103
Ch 226, 227.	Organic Chemistry. MTuWTh	Lange	303
Ec 201.	Principles of Economics. (First Term). TuWThF	Nelson	301
Ed 311.	The School in American Life. TuWThF	Anderson	216
Ed 316.	Oregon School Law and System of Education. TuWF	Meindl	106
Ed 351.	Health Education. TuWThF	Puckett	110
Ed 409.	Psycho-Educational Clinic. (G) MTuWF	Phelps, Berkel	Shattuck
Ed 435.	Audio-Visual Aids. (G) (Section 1). TuWThF	Somerville	107
Ed 463.	The Maladjusted Child. (G) TuWThF	Garrison, K.	105
Ed 484.	Junior High School. (G) TuWThF	Wiegman	112
Ed 543.	History of American Education. TuWThF	Cuy	213
Ed 552.	Elementary-School Problems. TuWThF	Curtis	204
Eng 105.	Appreciation of Literature. (Second Term). TuWThF	Scharbach	114
Eng 388.	Children's Literature and Library. TuWThF	Sullivan	319
C 350.	Rocks and Minerals. TuWThF	Mason	310
GL 1, 2.	First-Year German. Daily.	Eaton	315
HE 252.	First Aid. TuWThF	Washke	312
HE 450.	Elementary-School Health Education. (g) TuWThF	Puckett	110
Hst 102.	History of Western Civilization. (Second Term). TuWThF	Smith	111
Phl 441.	Aesthetics. (G) (First Term). TuWThF	Jenkins	201
Psy 204.	Psychology of Adjustment. TuWThF	Wilcox	113
Psy 507.	Seminar: Individual Differences. TuWThF	Courts	104
Psy 421, 422.	Clinical Methods in Psychology. (G) (First and Second Terms) TuWThF	Boyd	308
Psy 450.	Abnormal Psychology. (g) TuWThF	Garrison, K.	105
RL 11, 12.	First-Year Spanish. Daily.	Johnson	102
Sc 201, 202, 203.	Foundations of Physical Science. TuWThF	Payne	313
Soc 204.	General Sociology. (First Term). TuWThF	Voget	207
Soc 328.	Introduction to Social Research. (Second Term). TuWThF	James	206
Soc 346.	Social Case Methods Applied to Nursing. TuTh	Good	Medical School
Sp 392.	Principles and Techniques of Speech Correction. TuWThF	Wood	215
Sp 483.	Clinical Methods in Speech Correction. (G) TuWThF	Lillywhite	Shattuck
Z 201, 202, 203.	General Zoology. MTuWTh	Macnab	309

9:00 a.m.

A 322.	Art Fundamentals. MWThF	Dietz	317
Anth 507.	Seminar: Understanding the Child. MWThF	Voget	307
BA 111, 112, 113.	Constructive Accounting. MTuWTh	Hoogstraat	306
BA 466.	Business Cycles. (G) MWThF	Ballaine	203
Ch 226, 227.	Organic Chemistry. MTuWTh	Lange	303
Ee 507.	Seminar: Money and Banking. MWThF	Nelson	301
Ed 312.	Educational Psychology. MWThF	Malter	103
Ed 313.	Educational Psychology. (Second Term). MWThF	Bernard	105
Ed 359.	Methods and Materials: Reading and Allied Arts. MWThF	Sullivan	319
Ed 410.	Methods and Research Materials: Music. (G) MWThF	Snyder	109
Ed 507.	Education Seminar: Radio and Television in Education. MWThF	Somerville	107
Ed 565.	Curriculum Foundations. MWThF	Guy	213
Eng 328.	American Drama. MWThF	Dahlstrom	215
Eng 486.	Major American Writers: The Realists. (G) (Third Term). MWThF	Franckere	204
Geog 105.	Introductory Geography. (First Term). MWThF	Dart	312
GL 1, 2.	First-Year German. Daily.	Eaton	315
GS 311.	Natural History of Oregon. (First Term). MWThF	Hopson	310
Hst 473.	American Foreign Relations. (g) (First Term). MWThF	Hoffman	104
J 211.	Introduction to Journalism. TuWThF	Clisbam	211
MuE 533.	Music in the Elementary School. MWThF	Snyder	109
PE 507.	Seminar: Intramural Sports. MWThF	Washke	Gym
Ph 101, 102, 103.	Engineering Physics. Daily.	Long	2

Number	Course Title	Instructor	Room
Ph 201, 202, 203.	General Physics. Daily.	Long	2
Phl 421.	Philosophy in America. (g) (First Term). MWThF	Jenkins	201
PS 433.	American Political Theory. (G) MWThF	Haggard	206
Psy 507.	Seminar: Systematic Psychology. MWThF	Courts	106
Psy 460.	Psychology of Infancy and Childhood. (g) MWThF	Lee, D.	113
R 421.	Religion in Contemporary Society. (g) MWThF	Hovland	112
RL 11, 12.	First-Year Spanish. Daily.	Johnson	102
Sc 201, 202, 203.	Foundations of Physical Science. TuWThF	Payne	313
SEd 481.	Alcohol Studies in School Curriculum. (G) MWThF	Ferrier	111
Soc 346.	Social Case Methods Applied to Nursing. TuTh	Good	Medical School
Sp 111.	Fundamentals of Speech. MWThF	Cohen	216
Wr 113.	English Composition. (Third Year). MWThF	Scharbach	114
Z 201, 202, 203.	General Zoology. MTuWTh	Macnab	309

10:00 a.m.

A 407a.	Workshop: Creative Crafts for Children. MTuThF	Garrison, L.	317
Anth 208.	Introduction to Cultural Anthropology. (Second Term). MTuThF	Marshall	213
BA 111, 112, 113.	Constructive Accounting. MTuWTh	Hoogstraat	306
BA 222.	Elements of Finance. MTuThF	Trueblood	113
Ch 104, 105, 106.	General Chemistry. Daily.	Johnson	303
Ed 344.	Physical Education in the Grades. MTuThF	Puckett	Gym
Ed 357.	Methods and Materials. MTuThF	Hartley	206
Ed 410.	Methods and Research Materials: Science. (G) MTuThF	Hopson	310
Ed 469.	Reading in High School and College. (G) MTuThF	Phelps	Shattuck
Ed 485.	Principles and Practices of Guidance Services. (G) MTuThF	Ludwig	301
Ed 513.	Evaluation of Classroom Instruction. MTuThF	Sampson	114
Ed 522.	Secondary-School Curriculum. MTuThF	Curtis	203
Ed 525.	Pupil Personnel Programs. MTuThF	Ludwig	301
Ed 534.	Science in the Elementary School. MTuThF	Hopson	310
Ed 553.	Elementary-School Curriculum. MTuThF	Lee, D.	207
Ed 573.	Public School Organization. MTuThF	Gaiser	111
Eng 321.	English Novel. (Second Term). MTuThF	Boggs	315
Eng 507.	Seminar: Seventeenth Century. MTuThF	Block	319
Geog 106.	Introductory Geography. (Second Term). MTuThF	Dart	312
Geog 507.	Seminar: Human Geography. MTuThF	Hewes	112
Hst 419.	Studies in Western Civilization. (g) (Second Term). MTuThF	Smith	216
Hst 479.	Forces and Influences of American History. (G) MTuThF	Hoffman	103
Mth 314.	Advanced College Algebra. MTuThF	Byrne	204
Mus 408.	Seminar in Music History. (G) MTuThF	Bittner	109
PE 340.	School Programs in Elementary Physical Education. MTuThF	Puckett	Gym
Ph 101, 102, 103.	Engineering Physics. Daily.	Long	2
Ph 201, 202, 203.	General Physics. Daily.	Long	2
PS 414.	Political Parties and Election Problems. (G) MTuThF	Haggard	102
Psy 202.	General Psychology (Second Term). MTuThF	Wilcox	110
Psy 461.	Psychology of Adolescence. (g) MTuThF	Garrison, K.	105
R 422.	Psychology of Religion. (g) MTuThF	Hovland	104
Sc 101, 102, 103.	Biological Science Survey. MTuWTh	Malcolm	314
Sc 201, 202, 203.	Foundations of Physical Science. TuWThF	Payne	313
Soc 436.	Social Control. (G) MTuThF	James	215
Sp 448.	Radio and Television and the Public. (G) MTuThF	Cohen	107
SS 111.	Stenography. MTuThF	Backlund	308
Wr 112.	English Composition. (Second Term). MTuThF	Hart	106

11:00 a.m.

A 323.	Art Fundamentals. MTuWF	Dietz	317
Anth 507.	Seminar: Symposium of the Social Sciences. TuWThF	Voget	104
BA 111, 112, 113.	Constructive Accounting. MTuWTh	Hoogstraat	306
Ch 104, 105, 106.	General Chemistry. Daily.	Johnson	303
Ee 417.	Contemporary Economic Problems. (g) MTuWF	Nelson	114
Ed 358.	Methods and Materials: Science and Arithmetic. MTuWF	Hartley	206
Ed 409.	Psycho-Educational Clinic. (G) MTuWF	Phelps, Berkel	Shattuck
Ed 435.	Audio-Visual Aids. (G) (Section II). MTuWF	Malter	106
Ed 462.	Psychology of Exceptional Children. (G) MTuWF	Bonney	204

Number	Course Title	Instructor	Room
Ed 467.	Applied Mental Hygiene. MTuWF	Bernard	105
Ed 470.	Special Education. (G) MTuWF	Bonney	204
Ed 486.	Occupational and Educational Information. (G) MTuWF	Ludwig	301
Ed 507.	Education Seminar: Symposium of the Social Sciences. TuWThF	Hummel	104
Ed 508.	Workshop: Curriculum. Daily.	Leavitt	207
Ed 515.	Educational Statistics. (First Term). MTuWF	Peterson	319
Ed 518.	Public and Professional Relations. MTuWF	Minear	310
Ed 566.	Curriculum Construction. MTuWF	Gaiser	111
Eng 202.	Shakespeare. (Second Term). MTuWF	Litchfield	113
Eng 262.	Survey of American Literature. (Second Term). MTuWF	Hart	112
Eng 350.	Satire. MTuWF	Bierman	315
Eng 394.	Twentieth-Century Literature. (First Term). MTuWF	Franchere	213
Geog 107.	Introductory Geography. (Third Term). MTuWF	Hewes	362
Hst 201.	United States History and Government. (First Term). MTuWF	Gilmore	110
Hst 393.	Far East and India in Modern Times. (Third Term). MTuWF	Cutts	203
Hst 448.	Soviet Union. (g) MTuWF	Smith	216
Hst 478.	History of the Pacific Northwest. (G) (Section I). MTuWF	Gilmore	110
Mth 100.	Intermediate Algebra. Daily.	Eaton	308
Mth 425.	Elements of Statistical Methods. (g) (First Term). MTuWF	Peterson	319
Mus 381.	Music Fundamentals (Introductory Course in Music). MTuWF	Snyder	109
PE 341.	Principles and Practices of Physical Education. MTuWF	Holland	103
PE 413.	Physical Education Workshop. (g) (Third Term). MTuWF	Puckett	Cym
PE 470.	Principles of Physical Education. (G) MTuWF	Holland	103
Phl 203.	Elementary Ethics. MTuWF	Dahlstrom	215
PS 419.	International Organization. (G) (First Term). MTuWF	Capper-Johnson	211
PS 507.	Seminar: Symposium of the Social Sciences. TuWThF	Haggard	104
Pay 201.	General Psychology. (First Term). MTuWF	Wilcox	313
Pay 411.	Mental Hygiene. (g) MTuWF	Bernard	105
Pay 507.	Seminar: Symposium of the Social Sciences. TuWThF	Courts	104
RL 1, 2.	First-Year French. Daily.	Johnson	102
Sc 101, 102, 103.	Biological Science Survey. MTuWF	Malcolm	314
Soc 407.	Seminar: Marriage and Family Life Education. (G) MTuWF	Drum	2
Sp 451.	Theory of Dramatic Production. (G) (First Term). MTuWF	Gaupp	107

12:00 m.

Anth 318.	The American Indian. (Second Term). MTuWTh	Marshall	208
Anth 507.	Seminar: Symposium of the Social Sciences. TuWThF	Voget	104
BA 455.	Life Insurance. (G) MTuWTh	Truhood	112
Ed 410.	Methods and Research Materials: Art. (G) MTuWTh	Garrison, L.	317
Ed 410.	Methods and Research Materials: Language Arts. (G) MTuWTh	Lee, D.	211
Ed 410.	Methods and Research Materials: Reading. (G) MTuWTh	Sullivan	111
Ed 464.	The Mentally Handicapped Child. (G) MTuWTh	Bonney	206
Ed 507.	Education Seminar: Symposium of the Social Sciences. TuWThF	Hummel	104
Ed 508.	Workshop: Curriculum. Daily.	Leavitt	207
Ed 523.	School Activities. MTuWTh	Minear	301
Ed 529.	Advanced Educational Psychology. MTuWTh	Garrison, K.	105
Ed 536.	Language Arts in the Elementary School. MTuWTh	Lee, D.	211
Ed 537.	Reading in the Elementary School. MTuWTh	Sullivan	111
Ed 546.	Philosophy of Education. MTuWTh	Hovland	110
Ed 554.	Elementary-School Supervision and Administration. MTuWTh	Curtis	203
Ed 567.	Curriculum Materials. MTuWTh	Somerville	106
Ed 575.	School Finance. MTuWTh	Sampson	114
Eng 428.	Chaucer. (G) MTuWTh	Block	319
Geog 326.	Geography of Europe. MTuWTh	Dart	312
Geog 426.	Geography of Europe. (G) MTuWTh	Dart	312
HE 411.	Health-Education Workshop. (g) (First Term). MTuWTh	Greenslade	215
Hst 202.	United States History and Government. (Second Term). MTuWTh	Hoffman	103
Mth 102.	Elementary Analysis. (Second Term). Daily.	Byrne	204
Mus 435.	Applied Theory. (G) (Second Term). MTuWTh	Bittner	109
PE 406.	Special Problems: Coaching Team Sports. MTuWTh	Holland	Cym
PE 550.	Current Movements in Physical Education. MTuWTh	Washeke	213
PS 507.	Seminar: Symposium of the Social Sciences. TuWThF	Haggard	104
PS 507.	Seminar: Symposium of the Social Sciences. TuWThF	Courts	104
Pay 520.	Psychology of Learning. MTuWTh	Garrison, K.	105
RL 1, 2.	First-Year French. Daily.	Johnson	102
Soc 407.	Seminar: Social Welfare Resources and Organization. (G) MTuWTh	Drum	2
Sp 507.	Seminar: Argumentation and Debate. MTuWTh	Cohen	107
SS 121.	Typing. (First Term). Daily.	Backlund	307
Wr 111.	English Composition. (First Term). MTuWTh	Litchfield	113
Wr 411.	English Composition for Teachers. (g) MTuWTh	Boggs	315

1:00 p.m.

Number	Course Title	Instructor	Room
A 127.	Art Appreciation. TuTh	Griffin	310
Anth 453.	Culture, Society, and the Individual. (G) TuWThF	Marshall	208
Ed 415.	Student Teaching (Elementary). Th	Lee, L.	110
Ed 416.	Student Teaching (Secondary). Th	Anderson	112
Ed 455.	Primary Education Workshop: Teaching in the Self-Contained Classroom. (G) TuWThF	Hartley	206
Ed 459.	Intermediate and Upper-Grade Workshop: Teaching the Self-Contained Classroom. (G) TuWThF	Hartley	206
Ed 465.	Diagnostic and Remedial Techniques (Reading). (G) TuWThF	Phelps	Shattuck
Ed 468.	Diagnostic and Remedial Instruction in Reading. (G) TuWThF	Phelps	Shattuck
Ed 493.	Observation and Evaluation of Teaching (Elementary). (G) TuWThF	Lee, L.	110
Ed 407, 408.	Education Seminar: Art Education in the Curriculum. TuWThF	Dietz	312
Ed 507.	Education Seminar: The Junior College. TuWThF	Gaiser	211
Ed 508.	Workshop: Curriculum. Daily.	Leavitt	207
Ed 512.	Research Procedures in Education. TuWThF	Bernard	106
Ed 589.	Organization and Administration of Guidance Services. TuWThF	Ludwig	301
Eng 101.	Survey of English Literature. TuWThF	Block	319
Eng 109.	World Literature. (Third Term). TuWThF	Boggs	315
Geog 329.	Geography of North America. TuWThF	Hewes	103
Geog 429.	Geography of North America. (g) TuWThF	Hewes	103
HE 412.	Health-Education Workshop. (g) (Second Term). MTuWTh	Greenslade	215
Hst 203.	United States History and Government. (Third Term). TuWThF	Capper-Johnson	111
Hst 478.	History of the Pacific Northwest. (G) (Section II). TuWThF	Spurlock	216
Hst 494.	History of China. (G) (First Term). TuWThF	Cutts	203
Mth 203.	Differential and Integral Calculus. (Third Term). Daily.	Peterson	308
Mth 311.	Foundations of Mathematics. TuWThF	Sampson	105
Mus 383.	Music Fundamentals (Music Education). TuWThF	Snyder	109
PS 201.	American Government. (First Term). TuWThF	Haggard	102
Pay 208, 209, 210.	General Psychology Laboratory. TuWThF	Wilcox	313
Sc 101, 102, 103.	Biological Science Survey. MTuWF	Malcolm	314
Sp 370.	Phonetics. TuWThF	Lillywhite	Shattuck
Sp 452.	Theory of Dramatic Production. (G) (Second Term). TuWThF	Gaupp	107
SS 122 or 123.	Typing. (Second or Third Term). Daily.	Backlund	307

2:00 p.m.

A 127.	Art Appreciation. TuTh	Griffin	310
Ed 415.	Student Teaching (Elementary). Th	Lee, L.	110
Ed 416.	Student Teaching (Secondary). Th	Anderson	112
Ed 527.	Secondary-School Administration and Supervision. MWThF	Minear	301
Eng 107.	World Literature. (First Term). MWThF	Litchfield	104
HE 413.	Health-Education Workshop. (g) (Third Term). MTuWTh	Greenslade	215
Hst 445.	Europe Since 1939. (g) MWThF	Capper-Johnson	106
Hst 492.	World Problems. MWThF	Cutts	203
Mth 10.	Elements of Algebra. Daily.	Byrne	204
Mus 507.	Seminar: Band Technique. MWThF	Haynes	109
PE 371.	Kinesiology. MWThF	Holland	103
PE 472.	Kinesiology. MWThF	Holland	103
Pay 311.	Human Development. MWThF	Bonney	207
Soc 417.	Juvenile Delinquency. MWThF	Drum	102
Sp 242.	Recreational Use of Drama. (Children's Theatre). MWThF	Gaupp	107
Sp 481, 482.	Speech Defects and Disorders. (G) MWThF	Lillywhite	Shattuck

3:30 p.m.

Ch 104, 105, 106.	General Chemistry. Daily.	Johnson	303
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One-Week Courses

Number	Course Title	Instructor	Room
CT 407, 408.	Seminar: Workshop Bishop Method of Clothing Construction Basic (June 13-17) Basic (June 27-July 1)	Ingalls, Rotruck, O'Reilly	Grant
Ed 407s.	Education Seminar: Parent-Teacher Organization. Daily, 9:30 to 12:00 and 1:00 to 3:00 (August 15-19)	Moorhead	102
Ed 489.	Conservation and Outdoor Education Workshop. (C) (July 17-23)	Hopson, Westcott Neyhart	Hoodoo Ski Bowl 2
IE 412.	Driver Education and Training. Daily 8:00 to 12:00 and 1:00 to 5:00 (August 15-19)	Neyhart	2
IE 507.	Seminar: Advanced Course in Driver Education. Daily 8:00 to 12:00 and 1:00 to 5:00 (August 15-19)	Neyhart	2
PE 406, 506.	Special Problems: Recreation Workshop. Daily 9:00 to 12:00 and 1:00 to 4:00 (August 15-19)	Brightbill	Gym

Two-Week Courses

CT 407, 507.	Seminar: Workshop Bishop Method of Clothing Construction Advanced (June 13-24) Basic (June 20-July 1)	Ingalls, Rotruck, O'Reilly	Grant
FL 508.	Workshop: Parent Counseling. Daily 10:00 to 12:00 and 1:00 to 3:00 (July 18-29)	Gregory	Shattuck
MuE 407.	Seminar: Elementary School Music. (C) Daily 8:00 to 12:00 (August 22-September 2)	Pitta	109

Three-Week Courses

Ed 508.	Workshop: Guidance (June 13-July 1)	Eiserer, McGill	Guidance Center
BA 507.	Graduate Seminar: Economic Education.	Malter, Ballaine, Ferrier, Smith	Lincoln
Ed 508.	Workshop: Economic Education.		
Ec 507.	Seminar: Economic Problems. Daily 9:00 to 12:00 and 1:00 to 3:00 (June 13-July 1)		

Four-Week Courses

Ed 507.	Education Seminar: Administration of the Small School Systems MTuThF, 10:00 to 12:00 (June 20-July 15)	Wiegman, Hummel	208
Ed 558.	The American College and University MTuWTh, 12:00 to 1:00 (June 20-July 15)	Epler	214
Ed 576.	School Buildings TuWThF, 8:00 to 10:00 (June 20-July 15)	Hummel	208
Eng 508.	Workshop: The Teaching of Literature and Composition in the High School. TuWThF, 1:00 to 3:00 (June 20-July 15)	Coffman, Franchere, Hart	312
PE 406.	Special Problems: Dance Workshop. TuWThF, 3:00 to 5:00 (June 20-July 15)	Jenne	Gym
Ed 406.	Problems in Education (Story Telling). MTuWTh, 1:00 to 3:00 (July 18-August 12)	Ewell	201
Ed 424.	Measurement in Education. (C) MTuWTh, 12:00 to 2:00 (July 18-August 12)	Edson	214

Four-Week Courses (Continued)

Number	Course Title	Instructor	Room
Ed 507.	Education Seminar: Construction and Use of Objective Tests MTuThF, 9:00 to 11:00 (July 18-August 12)	Edson	214
Ed 572.	Public School Administration. TuWThF, 8:00 to 10:00 (July 18-August 12)	Blankenship	208
Ed 574.	School Supervision. MTuThF, 10:00 to 12:00 (July 18-August 12)	Blankenship	208

Six-Week Courses

A 255.	Lower-Division Ceramics. MTuWTh, 1:00 to 4:00 (June 20-July 29)	Wright	Art Museum
AA 290.	Lower-Division Painting. MTuWTh, 9:00 to 12:00 (June 20-July 29)	McLarty	Art Museum

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* Resignation as Chancellor effective June 30, 1955.

† Temporarily filling vacancy resulting from the death of President Rohen J. Maaske, February 19, 1955.

‡ Appointment as Chancellor effective July 1, 1955.

Department of State-Wide Services

The program of the Department of State-Wide Services includes extension classes outside Portland, in-service teacher education, conferences and workshops, and correspondence study.

Through its program of state-wide extension classes, the General Extension Division provides the people of the State of Oregon with opportunities for college instruction and educational growth in their home communities. Courses will be organized in any community which can furnish a suitable meeting place for a class and give assurance of an enrollment large enough to pay, through course fees, the cost of providing an instructor. The state-wide extension program includes both courses for college credit and noncredit courses. Through the Department of State-Wide Services, the General Extension Division cooperates in the operation of the local community-college program at Bend, Oregon.

Correspondence study at home under competent supervision is provided through carefully organized courses of instruction prepared by members of the faculties of the Oregon State System of Higher Education. These lesson outlines take the place of lectures and class exercises given to students in residence. More than two hundred courses in a wide variety of subjects are offered. Courses may be taken without credit by persons who enjoy the intellectual stimulus of organized, directed study, or they may be taken for credit toward a college degree. There are no special entrance requirements for correspondence courses; any adult who has sufficient preparation to profit from them may enroll. Complete information is published in a special Correspondence Study Bulletin.

Further information, bulletins, or catalogs may be obtained from the Department of State-Wide Services, General Extension Division, Eugene, Oregon.

COVER PHOTO: A scene on the beautiful Columbia River Highway near Portland. Courtesy Oregon State Highway Department.