

*Oregon State System
of Higher Education*

PORTLAND
SUMMER SESSIONS

1942

Two 5-Week Periods

June 8-July 10

July 13-August 14

State Board of Higher Education

	Term Expires
C. A. BRAND, Roseburg.....	1943
E. C. SAMMONS, Portland.....	1944
ROBERT W. RUHL, Medford.....	1945
EDGAR W. SMITH, Portland.....	1946
WILLARD L. MARKS, Albany.....	1947
R. C. GROESBECK, Klamath Falls.....	1948
MAC HOKE, Pendleton.....	1949
R. E. KLEINSORGE, Silverton.....	1950
BEATRICE WALTON SACKETT, Marshfield.....	1951

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Office of the State Board of Higher Education
Eugene, Oregon

Portland Summer Sessions

of the

University of Oregon, Oregon State College

Oregon College of Education, Southern Oregon College of Education

Eastern Oregon College of Education

June 8¹-July 10
July 13-August 14

1942

Oregon State System of Higher Education

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

The institutions of the State System of Higher Education are the University of Oregon at Eugene, Oregon State College at Corvallis, the Oregon College of Education at Monmouth, the Southern Oregon College of Education at Ashland, and the Eastern Oregon College of Education at La Grande. The University of Oregon Medical School, located on a separate campus in Portland, is administratively autonomous but traditionally and academically an integral part of the University of Oregon.

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

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

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Oregon State System of Higher Education

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* Each dean and director in this list is interinstitutional in function, being the Chancellor's principal adviser in his field.

The Portland Summer Sessions

OF THE UNIVERSITY OF OREGON, OREGON STATE
COLLEGE, AND THE OREGON COLLEGES
OF EDUCATION

The Faculty, 1942

FREDERICK MAURICE HUNTER, Ed.D., LL.D., Chancellor, Oregon State System of Higher Education.

DONALD M. ERB, Ph.D., President, University of Oregon.

F. A. GILFILLAN, Ph.D., Acting President, Oregon State College.

CHARLES ABNER HOWARD, M.A., LL.D., President, Oregon College of Education.

WALTER REDFORD, Ph.D., President, Southern Oregon College of Education.

ROBEN J. MAASKE, Ph.D., President, Eastern Oregon College of Education.

V. V. CALDWELL, Ph.D., Director of Summer Sessions, Oregon State System of Higher Education; Director of Portland Summer Session.

OLOF LARSELL, Ph.D., Dean of the Graduate Division, Oregon State System of Higher Education.

LOUIS BERELSON, Ph.D., Secretary of Summer Sessions, Oregon State System of Higher Education.

EARL MANLEY PALLETT, Ph.D., Registrar.

RUTH HALL, B.A., Librarian.

MARGARET MORRISON SHARP, Secretary.

NELLIE APPY, M.A., Broadway High School, Seattle, Washington.

ARTHUR E. BAGGS, L.H.D., Professor of Ceramic Art, Ohio State University.

LOUIS BERELSON, Ph.D., Adviser in General Studies, Portland Center.

ANN-REED BURNS, B.A., Instructor in Spanish, Portland Center.

DAVID BEASLEY CAMPBELL, B.M., Instructor in Music, Portland Center.

DON CAMPBELL, M.A., Vice-Principal, Franklin High School, Portland.

BURT E. CHRISTENSEN, Ph.D., Associate Professor of Chemistry, Oregon State College.

MARGARET CLARKE, M.A., Instructor in English, Portland Center.

ADA MILAM COCKEFAIR, M.A., Instructor in Physiology, West High School, Madison, Wisconsin.

PERCY M. COLLIER, B.A., LL.B., Assistant Professor of English, Portland Center.

EDNA C. CULVER, B.A., Instructor in English, Portland Center.

ROBERT TYLER DAVIS, A.M., Director, Portland Art Museum.

CHESTER R. DUNCAN, M.M., Supervisor of Music, Portland Public Schools.

JONATHAN W. EDWARDS, M.A., Assistant Superintendent of Schools, Portland.

HAROLD A. ENGEL, M.A., Assistant Professor of Radio Education, and Director of Public Relations, Radio Station WHA, University of Wisconsin; President, National Association of Educational Broadcasters.

- MARY ALBRIGHT GILES, M.A., Instructor in Fine Arts, University School, Ohio State University.
- HENRY M. GUNN, Ph.D., Assistant Superintendent of Schools, Portland.
- RUTH ELISE HALVORSEN, M.A., Instructor in Art, Lincoln High School, Portland.
- HANCE F. HANEY, Ph.D., M.D., Professor of Physiology and Head of Department, University of Oregon Medical School.
- LEROY HIATT, B.A., Instructor in Science, Roseburg High School.
- LUCILLE F. HILL, M.S., Director of Physical Education for Girls, Grant High School, Portland.
- EDWIN T. HODGE, Ph. D., Professor of Economic Geology, Oregon State College.
- EDWARD MASLIN HULME, M.A., Professor of History, Portland Center.
- JONAS A. JONASSON, Ph.D., Professor of History, Linfield College.
- WILLIAM CHARLES JONES, Ph.D., Professor of Political Science and Head of Department, University of Oregon.
- SALLY CRAIGHILL KERBY-MILLER, B.A., R.N., Director of Volunteer Nurse's Aides, Multnomah County Chapter, American Red Cross.
- WILLIAM JOHN KIRKHAM, Ph.D., Assistant Professor of Mathematics, Oregon State College.
- GREBA T. LOGAN, M.A., Supervisor of Health Education, Portland Public Schools.
- LEWIS C. MARTIN, Ph.D., Supervisor of Special Education, Portland Public Schools.
- JAMES A. MONTGOMERY, B.S., Instructor in Engineering, Portland Center.
- ELON HOWARD MOORE, Ph.D., Professor of Sociology and Head of Department, University of Oregon.
- MARGARET C. MOREHOUSE, M.A., Instructor in Home Economics, Portland Center.
- FRANK MUNK, S.C.D., Lecturer in Economics, University of California.
- MABLE HOLMES PARSONS, M.A., Professor of English, Portland Center.
- C. E. PERRY, M.S., Assistant Superintendent of Schools, Portland.
- E. H. PORTER, Ph.D., Instructor in Psychology, Portland Center.
- HENRY F. PRICE, Ph.D., Professor of Mathematics, Pacific University.
- DAN L. PROSSER, B.A., Executive Secretary, Oregon Mental Hygiene Society.
- WILLIAM CURTIS REID, Ph.D., Instructor in Physics, Oregon State College.
- CARL H. RITZMAN, Ph.D., Assistant Professor of Speech, Director of Speech Clinic, University of Oklahoma.
- VICTOR H. SMITH, B.S., Director of First-Aid Training, Multnomah County Chapter, American Red Cross.
- HENRY E. STEVENS, Ed.D., Assistant Professor of Education, University of Alaska.
- GEORGE TURNBULL, M.A., Professor of Journalism, University of Oregon.
- LEONA E. TYLER, Ph.D., Instructor in Psychology, University of Oregon.
- EDWARD VIETTI, M.S., Instructor in Secretarial Science, Oregon State College.
- HARRIET WARNER, M.A., Smith College Day School, Smith College.
- LEAVITT OLDS WRIGHT, Ph.D., Professor of Romance Languages, University of Oregon.

The Portland Summer Sessions

1942

THE Portland Summer Sessions of the State System of Higher Education combine offerings for the University of Oregon, Oregon State College, and the Oregon colleges of education. The twenty-fifth annual summer school will be held in two five-week sessions, the ten-week period being equivalent to a full term. The first session begins on June 8 and continues to July 10; the second session begins on July 13 and continues to August 14.

Students wishing to spend the vacation weeks in the stimulating surroundings of a large city will find a metropolitan environment in Portland, with its third of a million population; and yet at the very outskirts of the city begins the scenic wonderland of Oregon. The Cascades, the Columbia Gorge, and the Oregon coast offer unsurpassed opportunities for weekend recreation. Lincoln High School where the classes will be held is centrally located, but fronts on a parked area, which, with its grass and trees, gives the school somewhat the seclusion of a college campus in the midst of a busy city.

A special group of courses which cover an entire academic year's work has been arranged for the high-school graduate wishing to begin his college career this summer. These courses are scheduled so that students may earn a total of eighteen term-hours of credit in the ten weeks, and may fully remove certain lower-division requirements.

If there is sufficient demand for upper-division courses in certain fields which are not included in the summer catalog, it may be possible to schedule them for the second session.

Portland Office. The Portland office of the State System of Higher Education is located at 814 Oregon Building, Fifth and Oak streets; the telephone number is ATwater 2165. All administrative details of the classes of the Portland Summer Sessions are handled from this office. Office hours are from 9:00 a.m. to 5:00 p.m., with the exception of Saturday, when the office closes at noon.

Registration. Registration for the first session will open in the downtown office, 814 Oregon Building, on Monday, June 1. On Monday, June 8, the registration office will be at Lincoln High School, where it will remain until the close of registration on Wednesday, June 10, at 2 p.m. Students registering after 2 p.m. Wednesday will pay the late registration fee.

Registration for the second session will be held on Monday, July 13.

The administrative staff and members of the faculty will serve as advisers, and will be available throughout the registration period for conferences in regard to selection of suitable courses, requirements, credits, and the relation of the summer program to the general academic program of the student.

Freshmen desiring special help in planning their schedules are advised to register at 814 Oregon Building the week before the Portland Sessions open, June 1-6.

State System of Higher Education. In Oregon all the state institutions of higher education are operated as a correlated unit in the State System of Higher Education under a Chancellor and a single Board. Through the

benefits of this organization, the Portland Summer Sessions draw upon the resources, the curricula and the faculties of all the institutions. Credit earned in Portland may be counted as resident credit in the University, the State College or the colleges of education, as may be determined by the major program of the student. Students receive their degrees from the University or the State College according to the major subject. For the work available at the two institutions and the specific requirements for degrees the student should consult the institutional catalogs.

Admission and Degrees. The only requirement for admission to the summer sessions is ability to do the work.

Admission to Work for Degrees. Students who wish to become candidates for a degree from the University or the State College, or for a certificate from one of the colleges of education, must satisfy the regular entrance requirements of the State System of Higher Education, which are uniform for all the institutions and which are stated in detail in the general institutional catalogs, or in the leaflet, "Entrance Information" of the State System of Higher Education. As early as possible before the session, such students should furnish a complete official transcript covering all work taken above the eighth grade. This information should be filed with the registrar of the institution where continuing study is planned. Credit earned in Portland is recorded with the registrar of the University of Oregon at Eugene, who is the official registrar of the Portland Summer Sessions and who will send transfer of credits to the State College or the Oregon colleges of education in the State System of Higher Education or to other universities, colleges or teachers' colleges.

Residence Requirement for Degrees. For a degree from the University of Oregon or Oregon State College, not less than the last 45 term hours must be taken in residence. This requirement, with the approval of the Academic Requirements Committees, may be fulfilled by satisfactory completion of the normal study load during an attendance of 30 weeks in the Portland Summer Sessions. Or to satisfy the residence requirement, attendance at Portland may be combined with work in the Corvallis or Eugene summer sessions or with work during the regular terms on the campuses or in the Portland Extension Center. The amount of credit earned in the Portland Summer Sessions that may be applied toward a certificate from one of the colleges of education depends upon the particular program, regarding which the director or the faculty adviser should be consulted.

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

Academic Credit. In each five-week session, a student may carry the amount of work necessary to earn nine term-hours of credit. Graduate students, however, may not earn more than fifteen term-hours of credit in the ten-week period.

Visiting Students. Filing of credentials is not required of teachers or of undergraduate students of good standing in other standard institutions who wish to transfer credits earned in the Portland Summer Sessions to other universities, colleges, and teachers' colleges. Students debarred from, or on probation at, other institutions may not take courses in the Portland Summer Sessions with or without credit.

Graduate Credit. In the Portland Summer Sessions, or in these sessions in combination with the Portland Extension Center, a graduate student may earn all the work necessary for a master's degree in General Studies, or 15 hours toward a departmental master's degree. Thus a student may earn the General Studies degree entirely in Portland Summer Sessions by attending five consecutive sessions, or may attend two sessions to combine with other work at the College or the University for a departmental master's degree. There is offered a considerable number of advanced courses which are so arranged that they may be taken for graduate credit. Graduate credit in the

Portland Summer Sessions is given for courses marked (G) following the title, and for courses numbered 500-599.

The preliminary and final examinations for the master's degree must be taken on the campus from which the degree is to be obtained.

Admission. To be admitted to the Graduate Division a student must submit an application accompanied by a transcript of the credits earned for his bachelor's degree. Such admission, however, does not of itself entitle a student to become a candidate for a degree. Temporary admission is sometimes granted to summer students without these credentials, but in such cases credits earned are provisional until a copy of the transcript is filed. Graduate summer students, including those who wish to apply their Oregon credits toward advanced degrees in other institutions, should send undergraduate transcripts in advance to the Registrar of the University of Oregon at Eugene, or the Registrar of Oregon State College at Corvallis, or bring copies with them.

Preparation. To be eligible for a graduate major in any subject for a departmental degree, the student must have had an undergraduate major or its equivalent in that subject; at the University of Oregon or Oregon State College this means a minimum of 36 term hours. Students lacking part of this preparation may be required to take courses in the major department without graduate credit until the preparation is accepted as adequate. For the General Studies degree, a student must present evidence of satisfactory preparation in the field in which he elects to work.

Study Program. Graduate students beginning work toward a degree will be expected to work out, in tentative form at least, a complete program of study leading toward the degree desired. This program should allow sufficient time for completion of the thesis or essay. Work on the thesis or essay should be begun as early as possible.

Grade Requirements. For graduate students an average of B (GPA 3.00) is required on all of the work carried for graduate credit. No D grades will be counted for graduate credit.

Residence Requirement. For a master's degree one year of residence is required, or 45 term hours of graduate work. This work may be earned in the summer sessions, including the Portland sessions as indicated, but work for a master's degree in the University of Oregon or Oregon State College must be completed within a period of five years. All work at another institution for which credit is transferred must have been done within the same five-year period.

Language Requirement. For the Master of Arts degree, the student must show, by examination or by adequate undergraduate courses, a reading knowledge of one relevant foreign language, preferably French or German. For the Master of Science degree there is no foreign language requirement.

Transferred Credit. Graduate credit to a maximum of 15 hours may be transferred from another accredited institution, with the approval of the major department and the Graduate Council; but such transferred credit may not shorten the residence requirement. Credit may not be transferred until a student has completed a term in residence at the University, the State College, or the Portland Extension Center.

Preliminary Examination. A student working toward a master's degree is given a preliminary examination to ascertain whether he is fitted, both by temperament and by basic training, to pursue work on the graduate level in his chosen field. The student should arrange with his adviser to take this examination before he has completed one-third of the work for the degree. When the preliminary examination has been passed, the student is advanced to candidacy for the degree. Not less than one-third of the course work for the degree should be registered for and completed after the student has been advanced to candidacy. Graduates of the University who have taken the bachelor's degree with honors in the field of the graduate major are ordinarily exempt from the preliminary examination for the master's degree. Graduates of the State College who have maintained a grade-point average of at least 3.25 throughout their undergraduate work may be exempted from taking the preliminary examination.

Thesis and Final Examination. Information concerning the form for typing the thesis may be obtained from the graduate office on the campus where the degree is to be taken. Thesis must be filed with the graduate office concerned two weeks before the final examination is taken. The examination will be given on the campus of the institution from which the degree is desired.

Maximum Registration. The maximum number of hours that may be carried by a graduate student is nine for the five-week session.

Master of Arts—General Studies

The Master of Arts General Studies degree is granted (a) for research in interdepartmental fields, and (b) for achievement in cultural scholarship.

The degree is general only in terms of using the resources of several departments, but is intensive in terms of the subject, period, or problem studied. The degree is a recognition that the graduate interests of the student are sometimes better served by a coordinated grouping of disciplines than by the graduate courses found in a single department, and that cultural scholarship may sometimes be better achieved by an integration that disregards departmental requirements. The General Studies degree usually contemplates a certain complex of courses covering two or more departments. A considerable range may be worked out in the Portland Summer Sessions and the Portland Extension Center.

The purpose of the degree is to adapt as far as possible the program of studies to each individual student. The particular interest of the student may be in terms of a problem in which he is interested, a field of knowledge which he wishes to explore from many sides, or a period of culture. The committee may, on recommendation of the student's adviser, waive the regular foreign-language requirement for the M.A. degree. The thesis or essay may be waived by the committee. Requirements as to credits, grades, time limit, hours, preliminary and final examinations, and fees are the same as for the departmental degree. The preliminary examination should be taken before or upon completion of approximately one-third of the work for the degree.

A student seeking this degree should make application through the Portland Center Office to the General Studies Committee either before or as soon as he enters upon graduate work. The resident adviser in the Portland Center and the Portland Summer Sessions is Dr. Louis Berelson, whose office is in Lincoln High School during the summer sessions. Application forms and detailed instructions will be furnished in the general offices of the Portland Center, 814 Oregon Building, or in the summer office at Lincoln High School.

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 ordinarily receive one of the four passing grades or F. When the quality of the work is satisfactory, but the course has not been completed, for reasons acceptable to the instructor, a report of Inc. may be made and additional time granted. Students may withdraw from a course by observing the usual regulation and by filing the proper blanks at the summer session office at Lincoln High School or 814 Oregon Building. A student who discontinues attendance in a course without official withdrawal receives a grade of F.

Course-Numbering System. The courses in this catalog are numbered in accordance with the course-numbering system of the State System of Higher Education. Lower-division (freshman and sophomore) courses are numbered below 300. Upper-division (junior and senior) courses are numbered from 300 to 499. A large (G) following the name of a 400 course indicates that the course may be taken for graduate credit. Graduate courses are numbered 500-599.

A summer-session course that is essentially identical with a course offered during the regular academic year is given the same number.

A summer-session course that is similar to a course offered during the regular academic year, but differs in some significant respect, is given the same number followed by "s."

A course offered during the summer session which does not parallel any course offered during the regular academic year is given a distinct number followed by "s."

Fees. Registration and other fees applicable in the summer sessions are as follows:

Registration fee for either five-week session.....	\$25.00
Students registering for more than five hours of work pay this fee. There is no additional out-of-state tuition for the summer sessions.	
Late-registration fee.....	1.00
Students registering after 2 p. m. Wednesday, June 10, for the first session, or after 2 p. m. Wednesday, July 15, for the second session, pay this fee.	
Single-course fee for students not carrying more than five hours, per credit hour.....	3.50
Auditor's fee, either session, per course.....	6.00
Examination fee for graduate students not enrolled in summer sessions.....	10.00
Paid by students not enrolled who take preliminary or final examinations for advanced degrees during summer sessions. Students enrolled for part-time work, for which they pay a fee of less than \$10.00, pay the difference between their registration fee and \$10.00 for the privilege of taking such examinations.	
Graduation fee	6.50

Laboratory and special fees in connection with particular courses are indicated in the course descriptions.

Refunds. The following refunds of fees will be made to students withdrawing from the first session:

Up to and including June 15.....	A refund of three-fourths of the registration fee.
After June 15 and up to and including June 22.....	A refund of one-half of the registration fee.
After June 22 and up to and including June 29.....	A refund of one-fourth of the registration fee.
After June 29.....	No refunds will be made, except in case of illness, in which case a refund of one-fourth of the registration fee will be made up to close of the fourth week.

The following refunds of fees will be made to students withdrawing from the second session:

Up to and including July 20.....	A refund of three-fourths of the registration fee.
After July 20 and up to and including July 27.....	A refund of one-half of the registration fee.
After July 27 and up to and including August 3.....	A refund of one-fourth of the registration fee.
After August 3.....	No refunds will be made, except in case of illness, in which case a refund of one-fourth of the registration fee will be made up to close of the fourth week.

Refunds of laboratory fees will be determined in individual cases, the amount to depend partly on whether laboratory materials have been purchased for the student.

Library. The collections of the Portland Public Library, totaling 492,000 volumes, are available to the students of Portland Summer Sessions. For

convenience, reference books covering assignments in all courses will be placed in the Lincoln High School Library (Room 217), which is open daily, except Saturday and Sunday, from 8:00 a.m. to 4:00 p.m. Miss Ruth Hall has been assigned to Lincoln High School as special summer-sessions librarian.

Textbooks. Textbooks are not listed in this catalog, but will be announced by the instructors at the first meeting of the classes. Books may be obtained from Portland book stores.

Room and Board. One of the advantages of the location of the Portland Summer Sessions is the wide range of living accommodations. Room and board in private houses, boarding establishments, or residential hotels, may be secured at varying prices in accordance with the wishes and demands of the students. The summer office will furnish a list of living accommodations available in the city for summer students.

Recreation. A number of recreational features will be arranged for students in the Portland Summer Sessions. Special public lectures will be given by faculty members and distinguished visitors.

Audio-Visual Education Conference. A two-day conference on audio-visual aids and radio in education will be held by the Portland Summer Sessions on Thursday and Friday, June 18 and 19. Participating will be Harold A. Engel, assistant professor of radio education, University of Wisconsin, and president of the National Association of Educational Broadcasters, serving as visiting professor in the Portland Sessions; U. S. Burt, head of the department of visual instruction, General Extension Division; and others. Exhibitions of audio-visual aids equipment and demonstrations of their use are planned. A complete program will be available. No fee will be charged.

Summer School for Writers. A nine-day session from June 15 to June 25, inclusive, in connection with the Portland Summer Sessions. The short story and the novel; non-fiction; radio scripts; motion picture writing. There will be a high-school section for editors and representatives of high-school publications. Well-known writers in the various fields will be on the staff of the institute. Fee: \$8 for the full institute; for those regularly enrolled in the Portland Summer Sessions, \$4. Directed by Alfred Powers, dean of creative writing and publishing. A leaflet describing the offerings will be published later. For this or other information, address the director of summer sessions.

Assemblies. Every Wednesday, from 10:15 to 11:10 o'clock, students will meet in the auditorium for assembly. The programs will consist of musical entertainment, plays and readings, addresses by faculty members, and other features. The Wednesday schedule of class periods will be adjusted as follows to allow for the assembly hour:

7:45 a. m. classes.....	7:45 - 8:30
8:50 a. m. classes.....	8:35 - 9:20
9:55 a. m. classes.....	9:25 - 10:10
Assembly	10:15 - 11:10
11:00 a. m. classes.....	11:15 - 12:00
Afternoon classes meet as scheduled.	

The Summer Sun, a four-page weekly newspaper, devoted exclusively to summer-school matters, is published by the journalism classes in the Portland sessions in cooperation with the journalism classes in the University of Oregon Summer Sessions at Eugene, and is distributed free to the faculty and students of the Portland Summer Sessions.

Clinical and Demonstration School. For the past sixteen summers, a demonstration school has been a special feature at the Portland session. This summer in cooperation with the Portland Public Schools, a Clinical and Demonstration School will be held in the Shattuck School, a few blocks from Lincoln High School, where the regular Portland session classes are scheduled. In the demonstration school, opportunity will be offered to observe the modern school in operation, from kindergarten through the eighth grade, including special methods in remedial reading, speech correction, and child guidance.

Calendar. Following are dates of special importance during the ten-week period of the Portland Summer Sessions:

First Session

- June 8.....Registration for first session.
- June 9.....Classes begin.
- June 10.....First assembly, 10:15 to 11:10. See Wednesday schedule on page 12.
- June 15.....Last day for adding a course, or changing from audit to credit.
- June 15-25.....Summer School for Writers.
- June 17.....Assembly, 10:15 to 11:10. See Wednesday schedule on page 12.
- June 18, 19.....Audio-Visual Education Conference.
- June 24.....Assembly, 10:15 to 11:10. See Wednesday schedule on page 12.
- July 1.....Assembly, 10:15 to 11:10. See Wednesday schedule on page 12.
- July 6.....Last day for withdrawal from a course, or changing from credit to audit.
- July 8.....Assembly, 10:15 to 11:10. See Wednesday schedule on page 12.
- July 10.....Final Examinations. Schedule will be announced.

Second Session

- July 13.....Registration.
- July 14.....Classes begin.
- July 20.....Last day for adding a course, or changing from audit to credit.
- August 10.....Last day for withdrawal from a course, or changing from credit to audit.
- August 14.....Final examinations.

Pacific Northwest Institute of International Relations. The eighth annual session of the Pacific Northwest Institute of International Relations will meet in Portland from June 21 to June 28 under the auspices of Reed College and the Portland Summer Sessions. Students in the Portland sessions will have the privilege of attending the meetings of the Institute. The Institute will be of special interest to students registered in social-science classes.

Correspondence Study. Students of the summer sessions, especially teachers, may frequently find a schedule of correspondence courses through which to continue their program of study after the close of summer sessions. Correspondence courses available through the General Extension Division are listed on the inside of the back cover of this catalog.

Portland Extension Center. The General Extension Division offers evening, late afternoon and Saturday morning classes during the fall, winter and spring terms. The schedule of courses is wide and varied, and the classes are taught by instructors from the University of Oregon, Oregon State College and Oregon Colleges of Education, as well as the regular members of the Portland Center faculty and trained specialists in business and the professions. The office of the Portland Center is at 814 Oregon building, Southwest Fifth and Oak streets.

State-Wide Classes. Any community in the state may become an extension class center if a satisfactory meeting place is provided and there is a sufficient guarantee of enrollment to cover the actual operating cost. During the past school year, approximately forty classes were conducted in the centers of Albany, Ashland, Baker, Corvallis, Dallas, Eugene, Hillsboro, Klamath Falls, LaGrande, Lakeview, Medford, Roseburg, and Salem. Any group interested in forming a class should communicate with the General Extension Division, Eugene, Oregon.

Description of Courses

For an explanation of the course-numbering system see page 10. All classes meet daily, and carry three hours of credit, except where otherwise explicitly stated. The hours stated after the course title indicate the term hours of credit which may be earned. Classes may be cancelled because of insufficient enrollment or for other unavoidable cause.

Class periods are one hour in length. The daily schedule is arranged as follows (except for Wednesday; see page 12.):

<i>Morning classes</i>	<i>Afternoon classes</i>
7:45- 8:45	1:00-2:00
8:50- 9:50	2:05-3:05
9:55-10:55	3:10-4:10
11:00-12:00	

ART

VISITING INSTRUCTORS: BAGGS, DAVIS, GILES, HALVORSEN

First Session

AA 348s. Modern Painting. 3 hours.

A brief survey of the art and life of the recent past insofar as it can be of assistance in helping to understand the art of today; a more detailed consideration of the painting of the past thirty years, the somewhat puzzling

traditions on which it is based, and some reasons why it must necessarily seem strange. The aim of the course is to increase visual literacy in the field of contemporary painting. Daily, 11 a. m. Art Museum, Davis.

AA 414s. Art Education. 3 hours.

Lectures, demonstrations, and creative work giving elements of art in child expression with practical application on phases of contemporary life. This course is planned for use in an activity curriculum. Daily, 7:45 a. m. Room 301. Halvorsen.

AA 496s. Applied Design: Ceramics. (G) 6 hours.

An Institute of Ceramic Design, offering advanced work in various phases of ceramics, drawing on the resources of the Portland Art Museum and the Oregon Ceramic Studio. Conducted on a workshop basis with opportunities for attention to individual problems. Regular seminar discussions and a group to study problems of teaching ceramics are planned as an integral part of the institute. Given by the Portland Art Museum, the Portland Summer Sessions, the Oregon Ceramic Studio, and the Portland Public Schools under a grant from the Carnegie Corporation. *Enrollment limited to 30 students.* Laboratory fee: \$5.00. Daily, 8:50 a. m. Art Museum. Baggs, Giles.

CHEMISTRY

ASSOCIATE PROFESSOR: CHRISTENSEN

First Session

Ch 201, 202a. Principles of Chemistry. 6 hours.

First half of a year sequence in general chemistry, concluded in second session. Laboratory fee: \$5.00. Section I: 1 p. m. and three other hours to be arranged daily. Section II: 7 p. m. and three other hours to be arranged daily. Room 306.

Second Session

Ch 202b, 203. Principles of Chemistry. 6 hours.

Last half of a year sequence in general chemistry. Laboratory fee: \$5.00. Section I: 1 p. m. and three other hours to be arranged daily. Section II: 7 p. m. and three other hours to be arranged daily. Room 306.

ECONOMICS

VISITING PROFESSOR: MUNK

First Session

Ec 201. Principles of Economics. 3 hours.

A study of the basic principles that underlie production, exchange, and distribution. Daily, 9:55 a. m. Room 104.

Ec 450. Modern Theories of Social Reform. (G) 3 hours.

Historical development, analysis, and criticism of major proposals of social change. Utopian Socialism, Marx and his followers, Communism, Anarchism, Syndicalism, Fascism. General appraisal of radical programs and principles of economics involved. Planning and social reform. Social reform and war. Social reform and post-war reconstruction. Daily, 8:50 a. m. Room 104.

Ec 488s. The Economics of Force. (G) 3 hours.

Economy of welfare and economy of force. Origin, development, and spread of economy of force. Economic and social background of Nazism, Fascism, and Japanese policy of expansion. Totalitarian industry, agriculture, labor, finance, foreign trade. Economics of aggression, defense, war, and post-war. Techniques of exploitation and enslavement. Economics of force and standards of living. Daily, 11 a. m. Room 104.

*Second Session***Ec 202, 203. Principles of Economics.** 6 hours.

Continuation of Ec 201 in first session. Practical problems such as monetary and banking reform, regulation of international trade, taxation of land values, labor movements, regulation of railways, the control of the trusts. Instructor to be announced. Daily, 1 p. m. Room 104.

EDUCATION

INSTRUCTORS: PORTER, TYLER. VISITING INSTRUCTORS: APPY, CAMPBELL, EDWARDS, ENGEL, GUNN, HIATT, MARTIN, PERRY, PROSSER, RITZMAN, STEVENS, WARNER.

*First Session***Ed 311. Secondary Education.** 3 hours.

An extensive study of the problems of the high school from the standpoint of the teacher, involving a consideration of its aims, functions, and characteristics. Prerequisite: General Psychology. Daily, 7:45 a. m. Room 108. Edwards.

Ed 312. Educational Psychology. 3 hours.

The application of psychology to education; the psychology of the learning process; the laws of learning; emotional development and individual differences. Some reference to the contributions of Gestalt psychology to education. Daily, 9:55 a. m. Room 107. Tyler.

Ed 313. Principles of Teaching. 3 hours.

Application of the laws of psychology to teaching; the significance of individual differences; types of learning; aims and functions of secondary education; socialization; supervised study; measuring results. Prerequisite: Education Psychology or its equivalent. Daily, 8:50 a. m. Room 108. Stevens.

Ed 316. Oregon School Law and System of Education. 2 hours.

An analysis of the Oregon school system and the laws on which the system is based. Attention will be given to the problems of Oregon schools, plans proposed for their solution, the course of study and trends in educational development in the state. Prerequisite: Junior standing. Tu W Th F, 11 a. m. Room 212. Campbell.

Ed 317s. Remedial Reading Clinic. 1 hour.

Student teachers will carry on supervised instruction at the Shattuck Clinical School. Where possible, children will be utilized who have types of reading difficulties of special interest to the student instructor. Prerequisite: Ed 444s or Ed 464. Daily, 8:50 a. m. Shattuck School. Appy.

Ed 320s. Construction Work for Kindergarten and Primary. 3 hours.

The place of construction work in the kindergarten and primary program and its relation to child development will be discussed. Actual experience in constructing objects from clay, wood, cardboard boxes, and colored paper will be offered. The many possibilities and uses of waste materials will be considered. Course fee: 50c. Daily, 8:50 a. m. Room 114. Warner.

Ed 335s. Laboratory in Audio-Visual Aids. 1 hour.

Construction of visual aids, sound recording, appraisal and operation of silent and sound projectors; previews of selected classroom films. Daily, 1 p. m. Room 317. Engel, Hiatt.

Ed 356s. Remedial Work for Speech Disorders. 3 hours.

Classification of speech defects and disorders. Nervous speech disorders; stammering, stuttering, hesitation, cluttering. Teacher-education in corrective technique for use in public schools; clinic observation. Daily 11 a. m. Room 207. Ritzman.

Ed 365s. **Beginning Reading.** 3 hours.

Problems related to the developing of desirable attitudes, habits, and skills in reading at the primary level will be discussed. Such problems will include readiness for reading, purposes for which children read, place of experience chart, developing comprehension, building of sight vocabulary, developing independence in attacking new words, and means of evaluating results. Daily 11 a. m. Room 205. Appy.

Ed 372s. **Elementary-School Administration.** 3 hours.

Problems of the superintendent and the principal in relation to the organization, administration, and supervision of the elementary school. Various types of organization will be presented and analyzed. Types of programs and supervisory procedures will be studied. Daily, 7:45 a. m. Room 104. Perry.

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

Assigned reading in a chosen field, with individual conferences and a written report upon a selected topic. Days to be arranged, 11 a. m. Room 108. Stevens.

Ed 435s. **Audio-Visual Aids in Education.** (G) 3 hours.

Survey of the development and use of classroom films, slides, and kindred visual aids. Attention given to: (1) the relationship between visual aids and the psychological topics of motivation, concept formation, and retention; (2) the evaluation and sources of visual-aid materials; and (3) the administration of a visual-aids program. The class work includes individual projects, reviews of experimental literature, lectures, and discussion. Daily, 11 a. m. Room 317. Engel.

Ed 429s. **Use of Social Agency Resources by Teachers.** 3 hours.

Designed to give a broad picture of social agency structure and function in the community, with emphasis on Oregon agencies. How the teacher can serve better the needs of the individual child by using group work, case work, and child welfare resources in the community. Agency executives will present the philosophy, field of service, the limits of their respective programs. By knowing these resources the teacher will be better able to cooperate in setting standards of care and establishing protective measures for children in time of war emergency. Daily, 9:55 a. m. Room 114. Prosser.

Ed 441s. **The Problem Child.** (G) 3 hours.

Problems which occur in the various phases of child development. The parent-child relationship, habits, obedience, discipline, fear, and jealousy. Attention will be given to the causes of behavior difficulties. The relation of child problems to adult maladjustments. Daily, 8:50 a. m. Room 211. Martin.

Ed 442s. **Social Sciences in Primary Grades.** 3 hours.

Specific units in the social studies in the primary grades. Discussions on the function of the social sciences; development of techniques and procedures; location and use of source materials. Daily, 1 p. m. Room 114. Warner.

Ed 450s. **Radio Education.** (G) 3 hours.

To acquaint teachers, supervisors, and administrators with methods for adapting and using radio as a teaching aid. Study of the contributions of radio to education, classroom utilization, school production, development of appreciation and discrimination, evaluation in radio education and schools of the air. Daily, 8:50 a. m. Room 317. Engel.

Ed 461. **Child 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. Daily, 7:45 a. m. Room 114. Warner.

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

Analysis of the reading process: physical and psychological processes involved. Reading difficulties, their cause and how to overcome them. Various diagnostic procedures and remedial methods outlined in the lectures will be demonstrated in the remedial reading class of the Shattuck Clinical School, where a special group of children with reading difficulties will be in attendance. Observation any hour from 9:00-12. Daily, 7:45 a. m. Room 205. Appy.

Ed 469s. Advanced Mental Hygiene. (G) 3 hours.

Advanced course in mental hygiene, taught not from the point of view of the high-school or college student himself, but with attention given wholly to the problems of basic factors needed in caring for the mental hygiene of students. Daily, 7:45 a. m. Room 107. Porter.

Ed 485. Foundations of Curriculum. (G) 3 hours.

Significant forces affecting curriculum planning and development in the modern school. The implications of basic social, philosophical, and psychological factors in curriculum planning and development; appraisal of the present curriculum and significant proposals for its improvement; outstanding trends in the several experience areas of the learner. Daily, 9:55 a. m. Room 108. Stevens.

Eng 486s. Speech Pathology. 3 hours.

Special emphasis upon the theories of the cause and cure of stuttering and upon the results of recent research in speech pathology. Problems of diagnosis, constructing speech correction schedules, and management of a speech clinic are also considered. Supervised instruction at the Shattuck Clinical School. Daily, 7:45 a. m. Room 207. Ritzman.

Ed 511. Modern Educational Principles and Problems. 3 hours.

A general survey of recent developments in all fields of education. Emphasis is placed upon an evaluation of current trends in the various fields, and upon opportunities offered for specialization and service. Required of candidates for master's degree in education before the preliminary examination. Open to qualified senior majors upon consent of instructor. Daily, 11 a. m. Room 211. Gunn.

ENGLISH

PROFESSOR: PARSONS. ASSISTANT PROFESSOR: COLLIER. INSTRUCTORS: CLARKE, CULVER.
VISITING INSTRUCTOR: ENCEL.

*First Session***Eng 101. Survey of English Literature (First Term). 3 hours.**

From *Beowulf* to Milton. A survey of the chronological development of English literature from the Anglo-Saxon through the Elizabethan period. The equivalent of the fall term of English Survey in the regular session; continued in the second session. Daily, 8:50 a. m. Room 203. Parsons.

Eng 101, 102. Survey of English Literature (First and Second Terms). 6 hours.

From *Beowulf* through Wordsworth and Coleridge. A survey of the chronological development of English literature from the Anglo-Saxon period. The aim of the course is appreciation of individual works and acquaintance with the literary history of the periods represented. The equivalent of the fall and winter terms of English Survey in the regular session; the course continues with Eng 103 in the second session. Daily, 7-9 p. m. Room 106. Clarke.

Eng 111. English Composition (First Term). 3 hours.

The fundamentals of English composition and rhetoric; frequent written themes in the various forms of discourse. Special attention to correctness in fundamentals and to the organization of papers. Continued in the second session. Daily, 7:45 a. m. Room 204. Collier.

Eng 111, 112. English Composition (First and Second Terms.) 6 hours.

The fundamentals of English composition and rhetoric; frequent written themes in the various forms of discourse. Special attention to correctness in fundamentals and to the organization of papers. Continued in the second session. Daily, 7-9 p. m. Room 103. Culver.

Eng 203. Shakespeare (Third Term). 3 hours.

King Lear, Macbeth, Antony and Cleopatra, Coriolanus, and either *The Winter's Tale, Cymbeline,* or *The Tempest.* Daily 2:05 p. m. Room 103. Clarke.

Eng 324. English Composition for Teachers. 3 hours.

A study of the attitudes, methods, and materials in the teaching of grammar, composition, and language. Discussion of problems of the classroom; practice in writing and a review of the rules of composition. For students expecting to teach English in high schools. Prerequisite: Eng 111, 112, 113. Daily, 8:50 a. m. Room 204. Collier.

Eng 337s. Radio Program Production. 3 hours.

Outline of the field and parallel survey of the methods in radio and allied fields of public information, where they overlap or are interchangeable. Voice in radio; sound effects in radio; practical work in basic types of script writing; program planning; program building; program production; program merchandising. Daily, 9:55 a. m. Room 317. Engel.

Eng 436. English Drama. (G) 3 hours.

The main tendencies in nineteenth-century and contemporary drama. The closet drama and melodrama. Modern realism and the problem play. The drama of ideas. The neo-romantic revolt. Expressionism and other recent experiments. Daily, 9:55 a. m. Room 203. Parsons.

Eng 457. Literature of the Renaissance. (G) 3 hours.

The Italian and French backgrounds of the English renaissance. Petrarch, Boccaccio, Ariosto, Machiavelli, Castiglione, Cellini, Villon, Ronsard, Rabelais, Montaigne, Erasmus. Humanism in relation to the currents of the Renaissance and the Reformation. Daily, 11 a. m. Room 203. Parsons.

*Second Session***Eng 102, 103. Survey of English Literature (Second and Third Terms).** 6 hours.

Continuation and conclusion of Eng 101 in the first session. From Milton to the present. The aim of the course is appreciation of individual works and acquaintance with the literary history of the periods represented. The equivalent of the winter and spring terms of English Survey in the regular session. Daily, 1-3 p. m. Room 103. Parsons.

Eng 103. Survey of English Literature (Third Term). 3 hours.

Continuation and conclusion of Eng 101, 102 in the first session. From Byron to the present. The major figures and movements in this period, excepting the novel and the drama. Daily, 7 p. m. Room 107. Clarke.

Eng 112, 113. **English Composition (Second and Third Terms)**. 6 hours.

Continuation and conclusion of Eng 111 in the first session. Daily, 1-3 p. m. Room 106. Collier.

Eng 113. **English Composition (Third Term)**. 3 hours.

Continuation and conclusion of Eng 111, 112 in the first session. Daily, 7 p. m. Room 103. Culver.

Eng 201, 202. **Shakespeare. (First and Second Terms)**. 6 hours.

Study of the important plays, comedies, histories, and tragedies, in the light of Shakespeare's development. Daily, 3:00 p. m. Room 103. Parsons.

GENERAL ENGINEERING

VISITING INSTRUCTOR: MONTGOMERY

First Session

GE 111, 112a. **Engineering Drawing**. 3 hours.

Training in the use of drafting instruments and in the art of lettering; introduction to elementary principles of orthographic projection. Methods of dimensioning and checking drawings. Intended for students who have had no previous college training in mechanical drawing. Students must furnish their own materials and instruments. Continued in the second session.

Section I: Daily, 6-8 p. m. Room 316.

Section II: Daily, 8-10 p. m. Room 316.

Second Session

GE 112b, 113. **Engineering Drawing**. 3 hours.

Continuation and conclusion of GE 111, 112a in the first session. Use of auxiliary planes of projection; section drawings; isometric drawing; working drawings of machine parts; tracing from drawings. Freehand orthographic and perspective sketching; practical application of drawing principles to working drawings; use of charts and diagrams.

Section I: Daily, 6-8 p. m. Room 316.

Section II: Daily, 8-10 p. m. Room 316.

GENERAL STUDIES

ADVISER: BERELSON. CHAIRMAN, UNIVERSITY COMMITTEE: DR. E. H. MOORE.
CHAIRMAN, COLLEGE COMMITTEE: DR. W. H. DREESSEN.

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

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

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

NOTE: Registration in these courses is open only to candidates for the degree of Master of Arts in General Studies, with the approval of the adviser.

GEOGRAPHY AND GEOLOGY

PROFESSOR: HODGE

First Session

G 201. **Introduction to Field Geology**. 3 hours.

A non-professional course designed for those persons who want to understand and appreciate the earth on which they live. The course deals with the origin, composition, structure, and forces that constantly modify the earth. Some attention will be given to the practical application of geology, especially with reference to the geologic problems of the present times. Daily, 9:55 a. m. Room 105.

Geo 330s. Military Mapping and Map Reading. 3 hours.

Maps are fundamental to military planning and operations. The course will teach the principles and use of the common tools for making maps; training in reading and interpretation of maps; a survey of the sources of available map material for the Pacific Coast. Daily, 7:45 a. m. Room 105.

Geo 450s. Strategic Geography and Topography of Pacific Coast States. (G) 3 hours.

Geomorphic features of the Pacific Coast from Baja California to and including Alaska; the mineral and geologic resources; the strategic problems involving geologic and topographic conditions that confront us in maintaining efficiency during war times; and consideration of similar problems of defense and the use of the Pacific Coast as a base from which to wage war. The course is intended not only for military persons but for civilians who may participate in or whose judgment is needed in solving the war problems of the Pacific Coast. Daily, 8:50 a. m. Room 105.

HISTORY

PROFESSOR: HULME. VISITING INSTRUCTOR: JONASSON

*First Session***Hst 204. World History (First Term.)** 3 hours.

The early civilization of the near East and the far East, from the neolithic period. The Sumerian and the Egyptian peoples; the Hittites, the Phoenicians, and the Trojans in western Asia. The Minoan culture, and the rise and fall of Aegean civilization. Continued in the second session. Daily, 9:55 a. m. Room 115. Hulme.

Hst 377. Oregon History. 2 hours.

A general survey of the discovery and exploration of the Oregon country, the development of the Northwest fur trade, the coming of the immigrants, and the final establishment of organized government. A review of Oregon's transportation history, ocean and river commerce, and the development of industry and agriculture. This course, in conjunction with Oregon School Law and System of Education (Ed 316), will meet the state requirement. Daily, 8:50 a. m. Room 113. Jonasson.

Hst 420. Historical Method. (G) 3 hours.

A course preparatory to historical research and to the teaching of history. It discusses what history is, what it is for, what are its materials, what are its methods, what are its relations to neighbor studies, how to read history, how to study it, and how to write it. Daily, 8:50 a. m. Room 115. Hulme.

Hst 445s. Europe Since 1918. (G) 3 hours.

Study of the problems of Europe after World War I, with emphasis upon their international aspects and their contribution to the present world situation. Not open to students who have had Hst 343. Daily, 7:45 a. m. Room 115. Hulme.

Hst 474s. American Foreign Relations. (G) 3 hours.

History of the relations of the United States with other powers; the development of American foreign policies. Daily, 9:55 a. m. Room 113. Jonasson.

Hst 479. Forces and Influences in American History. (G) 3 hours.

Geographic influences; influence of the frontier; inheritance and tradition; immigration; economic forces; nationalism; sectionalism; manifest destiny; democracy; leadership. Daily, 11 a. m. Room 113. Jonasson.

*Second Session***Hst 205, 206. World History (Second and Third Terms). 6 hours.**

Continuation and conclusion of Hst 204 in the first session. The rise of Alexander; the Hellenistic period. The Roman Republic; development of the Roman constitution; Roman imperialism; the social revolution and the formation of the Principate; the relation of the Empire to medieval and modern history. The major developments in Western civilization in the Middle Ages; medieval society, and the growth of medieval life and the institutions with special attention to feudalism and the Church as controlling factors. The Renaissance and the modern period; major developments in recent times. Daily, 1-3 p. m. Room 105. Hulme.

HOME ECONOMICS

INSTRUCTOR: MOREHOUSE. VISITING INSTRUCTOR: COCKEFAIR

*First Session***CT 218s. Clothing Construction. 3 hours.**

A practical course in the selection of fabrics now available, color and design for individuals, principles of dress construction and remodeling. Laboratory fee: \$1.00. Daily, 8:50 a. m. Room 315. Morehouse.

FN 325. Feeding the Family. 3 hours.

Practical applications of the knowledge of nutrition to the feeding of infants and children through the period of growth, including prenatal period; planning family meals to meet the requirements of all members. Daily, 11 a. m. Room 112. Cockefair.

CT 350s. Consumer Buying in Clothing and Textiles. 3 hours.

Problems of buying clothing and textiles for individual, family, and household needs in a war economy. Our patriotic duty as consumers; substitute and synthetic materials; new trends in production and service and how they will affect us. Daily, 11 a. m. Room 315. Morehouse.

HEd 421s. Nutrition Education for Elementary Grades. (G) 3 hours.

A study of methods, devices, and adaptability of subject matter designed to combat ill habits and prejudices in eating; the objective being to make proper choice of food and to develop an understanding self-control among children in eating. Daily, 8:50 a. m. Room 112. Cockefair.

HEd 422s. Nutrition Education for Junior High Schools. (G) 3 hours.

Selection of subject matter, vocabulary, and collateral reading in nutrition for junior high school students; evaluation of materials and demonstrations designed to stimulate in youth intelligent, enthusiastic choice of health-establishing practices in daily living. Daily, 9:55 a. m. Room 112. Cockefair.

JOURNALISM

PROFESSOR: TURNBULL

*First Session****J 111, 112a. Elementary Journalism. 3 hours.**

First half of the course in Elementary Journalism. The American newspaper; its place in the social order; its methods and techniques. Fundamentals of general reporting, interviewing, news analysis, note taking, news gathering, news writing. Practical experience in reporting for the summer session newspaper. Daily, 9:55 a. m. Room 116.

J 339s. Teaching and Supervision of Journalism. 3 hours.

School journalism, covering the supervision of high-school papers and school news notes for general newspapers, and the teaching of journalistic writing. Educational promotion methods, and school relations with the press. For present or intending teachers of high-school English or for educational administrators. A survey of newspaper practices, standards, and preferences in so far as these have a bearing upon school news. Daily, 11 a. m. Room 116.

***J 360. General Journalism. 3 hours.**

A practical course for prospective journalists, to serve as a foundation for a beginner on a newspaper, or in the free-lance writing field, or for a publicity worker. Newsgathering, evaluation, and writing. Practical experience afforded by work on the summer session newspaper. Previous training not required but students should be able to write good standard English. Daily, 9:55 a. m. Room 116.

J 405. Reading and Conference. (G) Hours to be arranged.

Days to be arranged, 8:50 a. m. Room 116.

*Second Session****J 112b, 113. Elementary Journalism. 3 hours.**

Continuation and conclusion of J 111, 112a in the first session. Daily, 1 p. m. Room 116.

***J 334, 335. Copyediting. 3 hours.**

Practice in serving as copyreader, news editor, exchange editor, librarian. Analysis of news, study of news values. Editing and headline writing. Daily, 1 p. m. Room 116.

J 405. Reading and Conference. (G) Hours to be arranged.

Days to be arranged. 8:50 a. m. Room 116.

MATHEMATICS

ASSISTANT PROFESSOR: KIRKHAM. VISITING INSTRUCTOR: PRICE

*First Session*****Mth 20. Elementary Geometry. 4 hours.**

Daily, 8 p. m. Two additional hours per week to be arranged. Room 104. Price.

Mth 100. Intermediate Algebra. 4 hours.

Daily, 9:55 a. m. Two additional hours per week to be arranged. Room 111. Kirkham.

Mth 101, 102a. Elementary Analysis. 6 hours.

First half of the course in Elementary Analysis. Trigonometry, graphs, algebra, elements of calculus and analytic geometry.

Section I: Daily, 7:45-9:50 a. m. Room 111. Kirkham.

Section II: Daily, 6-8 p. m. Room 104. Price.

****Mth 106. Trigonometry. 4 hours.**

Daily, 8 p. m. Two additional hours per week to be arranged. Room 104. Price.

* Either J 111, 112a or J 360 will be given in the first session; and either J 112b or J 334, 335 will be given in the second session.

* Either Mth 20 or Mth 106 will be given.

Second Session

Mth 102b, 103. **Elementary Analysis.** 6 hours.

Continuation and conclusion of Mth 101, 102a in the first session.

Section I: Daily, 1-3 p. m. Room 108. Kirkham.

Section II: Daily, 6-8 p. m. Room 104. Kirkham.

MUSIC

INSTRUCTOR: CAMPBELL. VISITING INSTRUCTOR: DUNCAN

First Session

Mus 129s. **Appreciation of Music.** 3 hours.

Designed to help students learn to listen, and through listening to learn. Emphasis on: rhythms of pulse and design, tone quality, formal design, pure music, dramatic music. Criteria for judging composition and performance. Primarily for non-majors. Daily, 9:55 a. m. Room 110. Campbell.

Mus 346s. **Brass and Woodwind Class.** 2 hours.

A study of band instruments, stressing tone production, technique, phrasing and breathing, and correct note reading. A preparation for conducting school orchestras and bands; a playing knowledge of one instrument of each family and a knowledge of fingering of the other instruments. Class serves as a laboratory. Students should provide their own instruments. Daily, 7:45 a. m. Room 100. Duncan.

Mus 424s. **History of Music.** 3 hours.

Primitive music and musical instruments. Survey of the musical literature of the classical period; relation of music expression to other movements of the period. Romanticism as it finds expression in music; survey of the literature and a study of the composers. Last half of the course in History of Music. Daily, 11 a. m. Room 110. Campbell.

PHYSICAL EDUCATION

PROFESSOR: HANEY. VISITING INSTRUCTORS: HILL, KERBY-MILLER, LOGAN, SMITH

First Session

PE 321s. **Methods and Materials in Health Education.** 3 hours.

The nature, scope, purpose, organization, and administration of the health-education program in the secondary schools. Principles, methods, and materials in safety education, mental hygiene, and sex hygiene. Each student will have the opportunity to construct a program of health education suitable to his own teaching situation. Daily, 9:55 a. m. Room 208. Logan.

PE 331s. **Physical-Education Laboratory.** 2 hours.

Rhythms for teachers. Materials and methods for teaching social and other dance forms at the secondary level, stressing correlation of these forms of dance through common rhythmic elements. Daily, 7:45 a. m. Gymnasium. Hill.

PE 350s. **Sports and Games for High Schools.** 2 hours.

Minor sports taught in relation to social adjustment, for both boys and girls: softball, volley ball, badminton, tennis, one-wall handball. Daily, 8:50 a. m. Gymnasium. Hill.

PE 363. First Aid. 3 hours.

Care and treatment of injuries. A study from both the practical and academic aspects dealing with accidental injuries, principles of massage, bandaging, treatment of sprains, bruises, strains and wounds, diet, training rules, daily work program, and preliminary conditioning of athletes. American Red Cross first-aid certificates (Standard and Advanced) will be awarded. Daily, 2:05 p. m. Room 315. Haney.

PE 370. Red Cross Home Nursing. 2 hours.

This course will follow outline and meet all requirements for standard Red Cross Home Nursing course. To receive credit the student must pass examination for Red Cross Home Nursing certificate. Daily, 11 a. m. Room D. Kerby-Miller.

PE 380s, 381s. Rhythm for Elementary Grades. 2 hours.

Presentation of rhythms, dramatic plays, folk dances, and fundamental movements suitable for the development and interest of the elementary grades. Sources, classification, and adaption of material for program purposes; principles of progression; analysis and selection of music for various levels of instruction. Daily, 9:55 a. m. Gymnasium. Hill.

PE 428s. Program Materials and Technique for Elementary Grades. 2 hours.

A practical course designed to cover the content and methods in the physical-education program for elementary grades: rhythmic not included. Daily, 11 a. m. Gymnasium. Hill.

PE 460. Instructor's First Aid. 3 hours.

Lectures, demonstrations, and practice of American Red Cross first aid, leading to the instructor's first aid certificate.

Section I: Daily, 7:45 a. m. Room 315. Smith.

Section II: Daily, 7 p. m. Room 315. Smith.

PE 465s. School Health Programs. 3 hours.

Purposes and procedures of health service in the schools, for both normal and handicapped children; control of common communicable diseases; technique of pupil health appraisal by the teacher. Daily, 11 a. m. Room 208. Logan.

PHYSICS

INSTRUCTOR: REID

*First Session***Ph 111. Engineering Physics. 3 hours.**

Studies in general physics adapted to students in engineering. Open only to students who have had trigonometry or who are taking Elementary Analysis. Laboratory fee: \$2:50.

Section I: Daily, 1-3 p. m. Room B.

Section II: Daily, 7-9 p. m. Room B.

Ph 361s. Photography. 3 hours.

A study of the theory and practice of photography, with special reference to miniature camera technique. Negative making, developing and printing, toning, enlarging. Composition, indoor lighting, home portraiture. Each topic is taught with the aid of demonstration. Prerequisite: photographic experience satisfactory to the instructor. Daily, 11 a. m. Room B.

*Second Session***Ph 112. Engineering Physics. 3 hours.**

Continuation of Ph 111 in first session. Laboratory fee: \$2.50.

Section I: Daily, 1-3 p. m. Room B.

Section II: Daily, 7-9 p. m. Room B.

POLITICAL SCIENCE

PROFESSOR: JONES

*First Session***PS 201. American National Government. 3 hours.**

The study of the origin, development, and function of the national government of the United States. Colonial origins, the Constitutional Convention. Judicial review, and brief consideration of leading decisions by the Supreme Court. The separation of powers; the development of administrative organization. The increased functions of the national government and the problem of reorganization. Daily, 7:45 a. m. Room 106.

PS 202. State and Local Governments. 3 hours.

A study of state, local, and municipal government in the United States as a part of the general problems of government. Attention is paid to proposals for reform. Particular emphasis on Oregon problems. Daily, 8:50 a. m. Room 106.

PS 425. The Executive in American Government. (G) 3 hours.

A study of the growing importance of the executive in all branches of American government, with particular emphasis on the part played by the national executive in legislation, in judicial matters, and in foreign policy. Daily, 9:55 a. m. Room 106.

PSYCHOLOGY

INSTRUCTORS: PORTER, TYLER

*First Session***Psy 201. General Psychology. 3 hours.**

Introductory study of behavior and conscious processes. Survey of experimental studies of motivation, learning, thinking, perceiving, and individual differences. Scientific approach to problems of personal and social adjustment. Continued in second session. Daily, 7 p. m. Room 105. Porter.

Psy 431s. Clinical Methods: Individual Intelligence Testing. (G) 3 hours.

Practice in administering, scoring, and interpreting individual examinations in the field of intelligence. Consideration of essential statistical procedures. Special training in diagnosis. Daily, 8:50 a. m. Room 107. Tyler.

Psy 507. Seminar.

Counseling. 3 hours.

Study of psychological tests and procedures in counseling. Days to be arranged, 11 a. m. Room 107. Tyler.

*Second Session***Psy 202, 203. General Psychology. 6 hours.**

Continuation and conclusion of Psy 201 in the first session. Daily, 7 p. m. Room 105. Porter.

SECRETARIAL SCIENCE

INSTRUCTORS: VIETTI, CULVER

*First Session***SS 111. Stenography. 3 hours.**

Theory of shorthand; practical applications of theory principles in sentence dictation. SS 121 must be taken concurrently unless the student has had the equivalent. Daily, 1-3 p. m. Room 311. Vietti.

SS 121. Typing. 2 hours.

Theory and practice of touch typing; rhythm drills, dictation exercises; writing paragraphs, punctuation and mechanical arrangement of business correspondence. Daily, 3-5 p. m. Room 311. Vietti.

REFRESHER COURSES

SS 1s. Refresher Course in Typing. No credit.**SS 2s. Refresher Course in Shorthand. No credit.**

Special review courses for those interested in obtaining junior and senior Civil Service ratings. Practice in dictation and transcription; not open to beginners. Daily, 7-9 p. m. Room 311. Vietti.

Eng 217s. Business English. 3 hours.

Study of modern practices in business correspondence. The courses will cover the principles and technique of writing the common types of business letters, with analysis of examples of such correspondence. English presented as an essential tool in business. Daily, 6 p. m. Room 103. Culver.

*Second Session***SS 112. Stenography. 3 hours.**

Continuation of SS 111 in the first session. Daily, 1-3 p. m. Room 311. Vietti.

SS 122. Typing. 2 hours.

Continuation of SS 121 in the first session. Daily, 3-5 p. m. Room 311. Vietti.

REFRESHER COURSES

In case of demand, the Refresher Courses offered in the first session will be repeated in the second session. For description, see above.

SOCIOLOGY

PROFESSOR: MOORE

*First Session***Soc 204, 205. General Sociology. 6 hours.**

Analysis of social organization and culture; social changes and movements as affected by culture and by biological and physical environmental factors. Prerequisite to advanced courses in sociology. Daily, 9:55 a. m.-12 m. Room 206.

Soc 453. Contemporary Sociological Theories. (G) 3 hours.

European and American sociological literature after Herbert Spencer and Lester F. Ward. Special attention to trends in the formation of sociological "schools", and to their exponents. Interpretation of current sociological theories. Daily, 8:50 a. m. Room 206.

SPANISH

PROFESSOR: WRIGHT. INSTRUCTOR: BURNS

*First Session***RL 11, 12, 13. First-Year Spanish. 4 hours each.**

Translation of common prose, conversation, composition, and grammar. Sections to be given will be determined by the demand. Daily, 11 a. m. and two additional hours per week to be arranged. Room 103. Wright, Burns.

RL 11a. First Course in Spanish. 2 hours.

The rudiments of the Spanish languages. Pronunciation and the fundamental rules of syntax will be taught by means of oral drill and written exercises. Mon., Wed., 7-9 p. m. Room 107. Burns.

RL 12a. Second Course in Spanish. 2 hours.

A rapid review of grammar, advanced work in syntax, writing of short essays, conversational exercises. Tues., Thurs., 7-9 p. m. Room 107. Burns.

***RL 348s. Spanish Composition and Conversation. 3 hours.**

Presupposes knowledge of Spanish grammar. Conducted as far as possible in Spanish. The difficulty of the conversation will increase as the course progresses. Daily, 8:50 a. m. Room 103. Wright.

***RL 445s. Spanish-American Literature. (G) 3 hours.**

Reading in and out of class from works in Spanish produced by Spanish-Americans, and in particular from the 20th-century novel. Daily, 7:45 a. m. Room 103. Wright.

* Either RL 348s or RL 445s will be given.

Schedule of Courses and Rooms

PORTLAND SUMMER SESSIONS

FIRST SESSION

JUNE 8-JULY 10

7:45 A. M.

	<i>Instructor</i>	<i>Room</i>
ART		
AA 414s Art Education (3).....	Halvorsen	301
EDUCATION		
Ed 311. Secondary Education (3).....	Edwards	108
Ed 372s. Elementary-School Administration (3).....	Perry	104
Ed 461. Child Development (3).....	Warner	114
Ed 464s. Remedial Reading (3) (G).....	Appy	205
Ed 469s. Advanced Mental Hygiene (3) (G).....	Porter	107
ENGLISH		
Eng 111. English Composition (First Term) (3).....	Collier	204
Eng 486s. Speech Pathology (2)	Ritzman	207
GEOGRAPHY		
Geo 330s. Military Mapping and Map Reading (3).....	Hodge	105
HISTORY		
Hst 445s. Europe Since 1918 (3) (G).....	Hulme	115
MATHEMATICS		
Mth 101, 102a. Elementary Analysis, Section I (7:45-9:50 a. m.) (6).....	Kirkham	111
MUSIC		
Mus 346s. Brass and Woodwind Class (2).....	Duncan	110
PHYSICAL EDUCATION		
PE 331s. Physical-Education Laboratory (2).....	Hill	Gym
PE 460. Instructor's First Aid (Section I) (3).....	Smith	315
POLITICAL SCIENCE		
PS 201. American National Government (3).....	Jones	106
SPANISH		
RL 445s. Spanish-American Literature (3) (G).....	Wright	103

8:50 A. M.

ART		
AA 496s. Applied Design: Ceramics (6) (G).....	Baggs	Art Museum
ECONOMICS		
Ec 450. Modern Theories of Social Reform (3) (G).....	Munk	104
EDUCATION		
Ed 313. Principles of Teaching (3).....	Stevens	108
Ed 317s. Remedial Reading Clinic (1).....	Appy	Shattuck School
Ed 320s. Construction Work for Kindergarten and Primary (3).....	Warner	114
Ed 441s. The Problem Child (3) (G).....	Martin	211
Ed 450s. Radio Education (3) (G).....	Engel	317
ENGLISH		
Eng 101. Survey of English Literature (3).....	Parsons	203
Eng 324. English Composition for Teachers (3).....	Collier	204
GEOGRAPHY		
Geo 450s. Strategic Geography and Topography of the Pacific Coast States (3) (G).....	Hodge	105
HISTORY		
Hst 377. Oregon History (2).....	Jonasson	113
Hst 420. Historical Method (3) (G).....	Hulme	115
HOME ECONOMICS		
CT 218s. Clothing Construction (3).....	Morehouse	315
Hed 421s. Nutrition Education for Elementary Grades (3) (G).....	Cockefair	112
JOURNALISM		
J 405. Reading and Conference.....	Turnbull	116
PHYSICAL EDUCATION		
PE 350s. Sports and Games for High Schools (2).....	Hill	Gym
POLITICAL SCIENCE		
PS 202. State and Local Governments (3).....	Jones	106
PSYCHOLOGY		
Psy 431s. Clinical Methods: Individual Intelligence Testing (3) (G).....	Tyler	107

	<i>Instructor</i>	<i>Room</i>
SOCIOLOGY		
Soc 453. Contemporary Sociological Theories (3) (G).....	Moore	206
SPANISH		
RL 348s. Spanish Composition and Conversation (3).....	Wright	103
9:55 A. M.		
ECONOMICS		
Ec 201. Principles of Economics (3).....	Munk	104
EDUCATION		
Ed 312. Educational Psychology (3).....	Tyler	107
Ed 429s. Use of Social Agency Resources by Teachers (3)	Prosser	114
Ed 485. Foundations of Curriculum (3) (G).....	Stevens	108
ENGLISH		
Eng 337s. Radio Program Production (2).....	Engel	317
Eng 436. English Drama (3) (G).....	Parsons	203
GEOLOGY		
G 201. General Geology (3).....	Hodge	105
HISTORY		
Hst 204. World History (3).....	Hulme	115
Hst 474s. American Foreign Relations (3) (G).....	Jonasson	118
HOME ECONOMICS		
HEd 422s. Nutrition Education for Junior High Schools (3) (G).....	Cockefair	112
JOURNALISM		
J 111, 112a. Elementary Journalism (3), or J 360 General Journalism (3).....	Turnbull	116
MATHEMATICS		
Mth 100. Intermediate Algebra (4).....	Kirkham	111
MUSIC		
Mus 129s. Appreciation of Music (3).....	Campbell	110
PHYSICAL EDUCATION		
PE 321s. Methods and Materials in Health Education (3).....	Logan	208
PE 380s, 381s. Rhythm for Elementary Grades (2).....	Hill	Gym
POLITICAL SCIENCE		
PS 425. The Executive in American Government (3) (G).....	Jones	106
SOCIOLOGY		
Soc 204, 205. General Sociology (9:55-12) (6).....	Moore	206

11 A. M.

ART		
AA 348s. Modern Painting (3).....	Davis	Art Museum
ECONOMICS		
Ec 488s. The Economics of Force (3) (G).....	Munk	104
EDUCATION		
Ed 316. Oregon School Law and System of Education Tues., Wed., Thurs., Fri. (2).....	Campbell	212
Ed 356s. Remedial Work for Speech Disorders (3).....	Ritzman	207
Ed 365s. Beginning Reading (3).....	Appy	205
Ed 405. Reading and Conference.....	Stevens	108
Ed 436s. Audio-Visual Aids in Education (3) (G).....	Engel	317
Ed 511. Modern Educational Principles and Problems (3).....	Gunn	211
ENGLISH		
Eng 457. Literature of the Renaissance (G) (3).....	Parsons	203
HISTORY		
Hst 470. Forces and Influences in American History (3) (G).....	Jonasson	113
HOME ECONOMICS		
FN 325. Feeding the Family (3).....	Cockefair	112
CT 360s. Consumer Buying in Clothing and Textiles (3).....	Morehouse	315
JOURNALISM		
J 339s. Teaching and Supervision of Journalism (3).....	Turnbull	116
MUSIC		
Mus 424s. History of Music (2).....	Campbell	110
PHYSICAL EDUCATION		
PE 370. Red Cross Home Nursing (2).....	Kerby-Miller	D
PE 428s. Program Materials and Technique for Elementary Grades (2).....	Hill	Gym
PE 465s. School Health Programs (3).....	Logan	208

SCHEDULE OF COURSES AND ROOMS

31

	<i>Instructor</i>	<i>Room</i>
PHYSICS Ph 361s. Photography (3).....	Reid	B
PSYCHOLOGY Psy 507s. Seminar: Counseling (3).....	Tyler	107
SPANISH RL 11, 12, 13. First-Year Spanish (4 hours each).....	Wright	108
	Burns	

1 P. M.

CHEMISTRY Ch 201, 202a. Principles of Chemistry, (Section I) (6) (1-4 p. m.).....	Christensen	306
EDUCATION Ed 385s. Laboratory in Audio-Visual Aids (1).....	Engel	317
	Hiatt	
	Warner	114
PHYSICS Ph 111. Engineering Physics, (Section I) (3) (1-3 p. m.).....	Reid	B
SECRETARIAL SCIENCE SS 111. Stenography (3) (1-3 p. m.).....	Vietti	311

2:05 P. M.

ENGLISH Eng 203. Shakespeare (Third Term) (3).....	Clark	103
PHYSICAL EDUCATION PE 363. First Aid (3).....	Haney	315

3 P. M.

SECRETARIAL SCIENCE SS 121. Typing (2) (3-5 p. m.).....	Vietti	311
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6 P. M.

ENGINEERING GE 111, 112a. Engineering Drawing (Section I) (3) (6-8p.m.).....	Montgomery	316
ENGLISH Eng 217s. Business English (3).....	Culver	103
MATHEMATICS Mth 101, 102a. Elementary Analysis (Section II) (6) (6-8 p. m.).....	Price	104

7 P. M.

CHEMISTRY Ch 201, 202a. Principles of Chemistry (Section II) (6) (7-10 p. m.).....	Christensen	306
ENGLISH Eng 101, 102. Survey of English Literature (First and Second Terms) (6) (7-9 p. m.).....	Clarke	106
	Culver	103
	Price	104
PHYSICAL EDUCATION PE 460. Instructor's First Aid (Section II) (3).....	Smith	315
PHYSICS Ph 111. Engineering Physics (Section II) (3) (7-9 p. m.).....	Reid	B
PSYCHOLOGY Psy 201. General Psychology (3).....	Porter	105
SECRETARIAL SCIENCE SS2s. Refresher Course in Shorthand (no credit).....	Vietti	311
SPANISH RL 11a. First Course in Spanish (Mon., Wed.,) (2).....	Burns	107
	Burns	107

8 P. M.

	<i>Instructor</i>	<i>Room</i>
ENGINEERING		
GE 111, 112a. Engineering Drawing (Section II) (3)....	Montgomery	816
MATHEMATICS		
Mth 20. Elementary Geometry (4).....	Price	104
Mth 106. Trigonometry (4).....	Price	104
SECRETARIAL SCIENCE		
SS1s. Refresher Course in Typing (no credit).....	Vietti	811

SECOND SESSION

JULY 13-AUGUST 14

1 P. M.

CHEMISTRY		
Ch 202b, 203. Principles of Chemistry (Section I) (6)....	Christensen	306
ECONOMICS		
Ec 202, 203. Principles of Economics (6).....	104
ENGLISH		
Eng 102, 103 Survey of English Literature (Second and Third Terms) (6) (1-3 p. m.).....	Parsons	103
Eng 112, 113. English Composition (Second and Third Terms) (6).....	Collier	106
HISTORY		
Hst 205, 206. World History (6) (1-3 p. m.).....	Hulme	105
JOURNALISM		
J 112b, 113. Elementary Journalism (3) or		
J 334, 335. Copyediting (3).....	Turnbull	116
MATHEMATICS		
Mth 102b, 103. Elementary Analysis (Section I) (6) (1-3 p. m.).....	Kirkham	108
PHYSICS		
Ph 112. Engineering Physics (Section I) (3) (1-3 p. m.).....	Reid	B
SECRETARIAL SCIENCE		
SS 112. Stenography (8) (1-3 p. m.).....	Vietti	811

3 P. M.

ENGLISH		
Eng 201, 202. Shakespeare (First and Second Terms) (6).....	Parsons	103
SECRETARIAL SCIENCE		
SS 122. Typing (2) (3-5 p. m.).....	Vietti	811

6 P. M.

ENGINEERING		
GE 112b, 113. Engineering Drawing (Section I) (3)....	Montgomery	816
MATHEMATICS		
Mth 102b, Elementary Analysis (Section II) (6) (6-8 p. m.).....	Price	104

7 P. M.

CHEMISTRY		
Ch 202b, 203. Principles of Chemistry (Section II) (6)....	Christensen	306
ENGLISH		
Eng 103. Survey of English Literature (Third Term) (3).....	Clarke	106
English 113. English Composition (Third Term) (3)....	Culver	103
PHYSICS		
Ph 112. Engineering Physics (Section II) (3) (7-9 p. m.).....	Reid	B
PSYCHOLOGY		
Psy 202, 203. General Psychology (6) (7-9 p.m.).....	Porter	105

8 P. M.

ENGINEERING		
GE 112b, 113. Engineering Drawing (Section II) (3)....	Montgomery	816

Other 1942 Summer Sessions

Oregon State System of Higher Education

OREGON STATE COLLEGE, Corvallis

June 20 to July 25

July 25 to August 29

UNIVERSITY OF OREGON, Eugene

June 13 to July 17

July 18 to August 21

OREGON COLLEGE OF EDUCATION, Monmouth

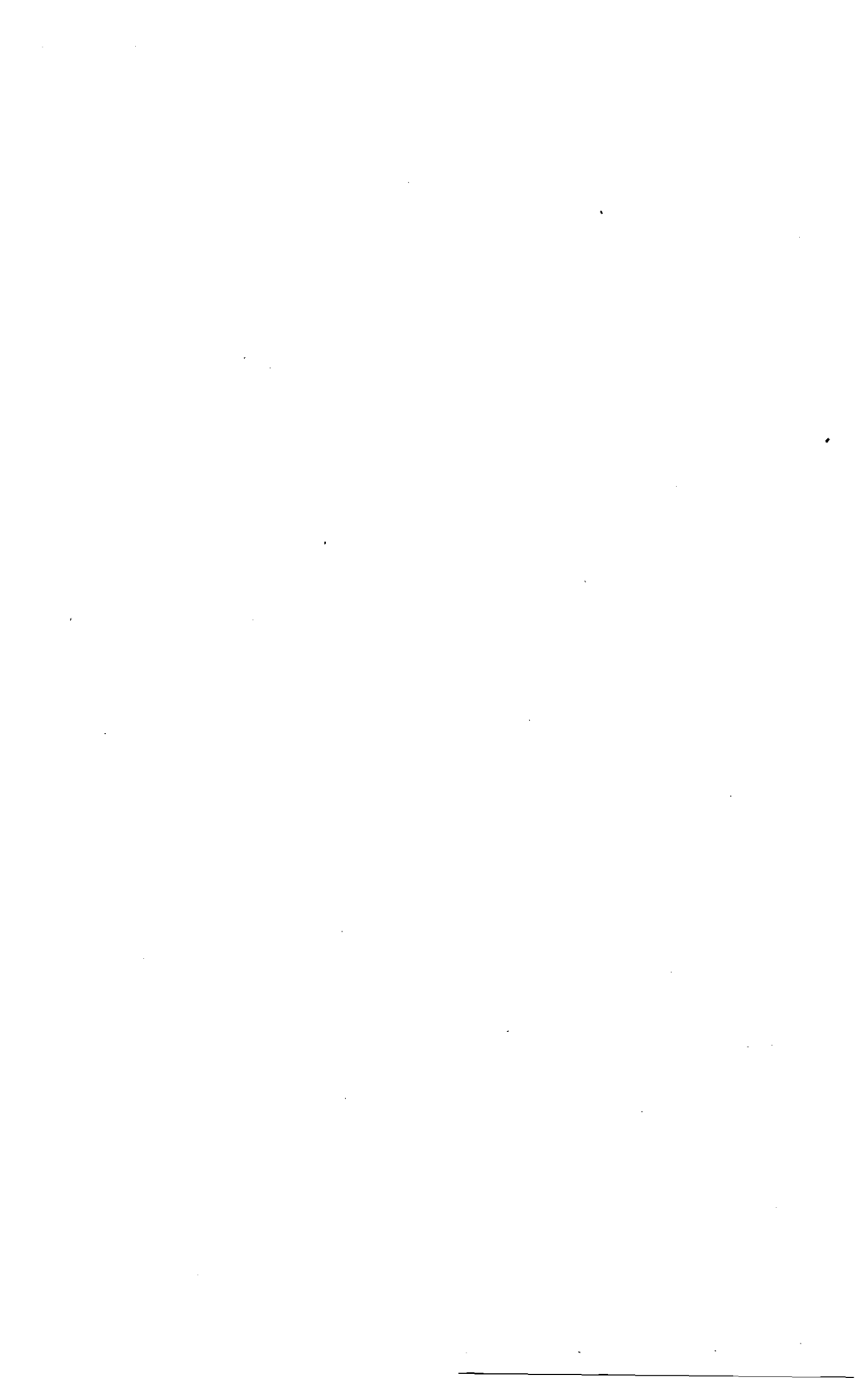
SOUTHERN OREGON COLLEGE OF EDUCATION, Ashland

EASTERN OREGON COLLEGE OF EDUCATION, La Grande

First Session: June 8-July 10

Second Session: July 13-August 14

The following bulletins are available upon request: Preliminary announcement listing courses in all sessions; catalog of Oregon State College sessions; catalog of University of Oregon sessions; catalog of Colleges of Education sessions. Address Director of Summer Sessions, 814 Oregon Building, Portland, Oregon.



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