

General Extension Division

# **BULLETIN**

## **Correspondence Study**

**Department of State-Wide Services**

**Oregon State System of Higher Education**

**1951-52**

**General Extension Division**  
**BULLETIN**

Published by  
Oregon State Board of Higher Education  
Eugene, Oregon

---

Eugene Series, No. 18

JULY 1951

Entered as second-class matter August 25, 1950,  
at the post office at Eugene, Oregon, under  
act of August 24, 1912. Published 10 times a  
year by the Oregon State Board of Higher  
Education monthly February through April,  
twice in June, three times in July, and twice  
in August.

# Correspondence Study

**CATALOG**

**1951-52**

---

***Department of State-Wide Services  
General Extension Division  
Oregon State System of Higher Education  
Eugene, Oregon***

## ***Oregon State System of Higher Education***

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

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

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

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

# Table of Contents

OREGON STATE SYSTEM OF HIGHER EDUCATION .....	2
STATE BOARD OF HIGHER EDUCATION .....	5
OFFICERS OF ADMINISTRATION .....	6
FACULTY .....	7
DEAN'S MESSAGE .....	11
GENERAL INFORMATION .....	12
Advantages .....	12
Eligibility .....	12
General Rules .....	12
Expenses .....	13
Registration under Special Contracts .....	14
COLLEGE CORRESPONDENCE COURSES .....	15
Special Service Courses .....	15
Citizenship .....	15
Refresher Courses .....	15
Agriculture .....	15
Anthropology .....	15
Architecture and Allied Arts .....	16
Architecture .....	16
Art .....	17
Astronomy .....	17
Aviation .....	18
Biology .....	19
Business Administration ( <i>See also</i> Secretarial Science) .....	19
Economics .....	21
Education .....	21
Engineering .....	23
English and Literature .....	24
Written English .....	24
Literature .....	26
Geography .....	28
Geology .....	29
History .....	30
Home Economics .....	31

Journalism .....	34
Latin .....	35
Library Methods .....	35
Literature .....	(See English and Literature)
Mathematics .....	35
Modern Languages .....	39
Esperanto .....	39
French .....	39
German .....	40
Spanish .....	41
Physics .....	41
Physiology .....	43
Political Science .....	43
Psychology .....	43
Secretarial Science (See also Business Administration) .....	44
Sociology .....	46
Zoology .....	46
<b>HIGH-SCHOOL COURSES</b> .....	<b>47</b>
Business .....	47
Drawing .....	48
English .....	48
Latin .....	50
Mathematics .....	50
Science .....	51
Social Studies .....	51
Spanish .....	52
<b>COMBINED EVENING CLASSES AND CORRESPONDENCE STUDY</b> .....	<b>53</b>
<b>ENROLLMENT TABLE</b> .....	<b>54</b>
<b>PUBLICATIONS</b> .....	<b>56</b>
<b>DEPARTMENT OF STATE-WIDE SERVICES</b> .....	<b>59</b>
<b>GENERAL EXTENSION DIVISION</b> .....	<b>61</b>
<b>APPLICATION BLANK</b> .....	<b>63</b>

**State Board of  
Higher Education**

LEIF S. FINSETH, Dallas.....	1952
FRANK VAN DYKE, Medford.....	1953
HENRY F. CABELL, Portland.....	1954
EDGAR W. SMITH, Portland.....	1955
A. S. GRANT, Baker.....	1956
GEORGE F. CHAMBERS, Salem.....	1957
CHERYL S. MACNAUGHTON, Portland.....	1957
HERMAN OLIVER, John Day.....	1958
R. E. KLEINSORGE, Silverton.....	1959

OFFICERS

EDGAR W. SMITH.....	President
R. E. KLEINSORGE.....	Vice-President

EXECUTIVE COMMITTEE

EDGAR W. SMITH	LEIF S. FINSETH
R. E. KLEINSORGE	

CHARLES D. BYRNE, Chancellor  
Secretary of the Board

Office of the State Board of Higher Education  
Eugene, Oregon

# ***Oregon State System of Higher Education***

CHARLES DAVID BYRNE, Ed.D., Chancellor

FREDERICK MAURICE HUNTER, Ed.D., LL.D., Honorary Chancellor

HARRY K. NEWBURN, Ph.D.

President, University of Oregon

AUGUST LEROY STRAND, Ph.D.

President, Oregon State College

DAVID W. E. BAIRD, M.D.

Dean, University of Oregon Medical School

ROBEN JOHN MAASKE, Ph.D.

President, Oregon College of Education

ELMO NALL STEVENSON, Ed.D.

President, Southern Oregon College of Education

RODERICK M. LANGSTON, Ph.D.

President, Eastern Oregon College of Education

---

## OFFICE OF THE CHANCELLOR

RICHARD LYLE COLLINS, M.A., C.P.A. Budget Director

TRAVIS CROSS, B.A. Director of the Division of Information

## BUSINESS OFFICE

HERBERT ARNOLD BORK, M.S., C.P.A. Comptroller

JOHN L. WATSON, B.B.A., C.P.A. Assistant Comptroller

HAROLD ROWLEY, B.S. Chief Accountant

WILLIAM RALPH STOVALL Assistant Chief Accountant

THOMAS FRANCIS ADAMS, B.S. Cost Accountant and Property Custodian

## TEACHER EDUCATION

PAUL B. JACOBSON, Ph.D. Director of High-School Teacher Education

ROBEN JOHN MAASKE, Ph.D. Director of Elementary Teacher Education

## GENERAL EXTENSION DIVISION

\*JOHN FRANCIS CRAMER, D.Ed. Dean and Director of General Extension

†VIRON A. MOORE, M.S. Assistant Director of General Extension

## LIBRARIES

WILLIAM HUGH CARLSON, M.A. Director of Libraries

ELZIE VANCE HERBERT Head of Orders Department

IMOGENE CUSAC, B.A., B.A. in L.S. Cataloger for Union Catalog

## HIGH-SCHOOL RELATIONS

ERIC DEAN ANDERSON, M.A. Executive Secretary

---

\* On sabbatical leave April 1-December 31, 1951.

† Acting Dean in Dr. Cramer's absence.

# ***Correspondence Study***

## **Oregon State System of Higher Education**

### **FACULTY**

**CHARLES DAVID BYRNE, Ed.D.**

Chancellor, Oregon State System of Higher Education

**\*JOHN FRANCIS CRAMER, D.Ed.**

Dean and Director of General Extension Division

**†VIRON ALONZO MOORE, M.S.**

Assistant Director and Head, Department of State-Wide Services; Associate Professor of Education

**HOWARD JOHN AKERS, M.A.**

Administrative Assistant, Department of State-Wide Services; Head, Office of Correspondence Study

**MOZELLE HAIR, B.A.**

Head Emeritus of Correspondence Study; Assistant Professor Emeritus of Sociology

**DAVID HUGH STEWART, M.A.**

Instructor in English, General Extension Division

**HERMAN CARL VOELTZ, M.A.**

Instructor in History, General Extension Division

**HELEN GASTON BROWN**

Head Secretary, Department of State-Wide Services

---

**ABBY ADAMS, M.A.**

Instructor in Education; Supervisor of Foreign Languages, University High School, University of Oregon.

**WINFRED M. ATWOOD, Ph.D.**

Professor of Plant Physiology, Oregon State College

**LOIS I. BAKER, M.A.**

Law Librarian, University of Oregon

**HAROLD W. BERNARD, Ph.D.**

Assistant Professor of Education, General Extension Division

**VERA H. BRANDON, Ph.D.**

Acting Dean, School of Home Economics; Professor of Child Development, Oregon State College

**DAN E. CLARK, Ph.D.**

Professor of History, Head of Department, University of Oregon.

**NEWEL H. COMISH, Ph.D.**

Professor of Business Administration, University of Oregon

**CHRISTINA A. CRANE, Ph.D.**

Assistant Professor of Romance Languages, University of Oregon

**SAMUEL N. DICKEN, Ph.D.**

Professor of Geography and Geology, Head of Department, University of Oregon

**MARIE DIEDESCH, M.S.**

Associate Professor of Clothing, Textiles and Related Arts, Oregon State College

**WILFRED J. DIXON, Ph.D.**

Associate professor of Mathematics, University of Oregon

---

\* On sabbatical leave April 1-December 31, 1951.

† Acting Dean in Dr. Cramer's absence.

**MILDRED ERICSON, B.S.**

Instructor in Science, General Extension Division

**JOHN M. FOSKETT, Ph.D.**

Associate Professor of Sociology, University of Oregon

**JACOB E. GAIR, Ph.D.**

Assistant Professor of Geology, University of Oregon

**KENNETH S. GHENT, Ph.D.**

Associate Professor of Mathematics, University of Oregon

**RUSSELL H. GODARD, M.A.**

Instructor in Mathematics, Oregon State College

**EDGAR A. GOODNOUGH, M.A.**

Associate in Education, University of Oregon

**EMMA F. HENKLE, M.A.**

Associate Professor of Education, Oregon College of Education

**RALPH R. HUESTIS, Ph.D.**

Professor of Zoology; Curator of Vertebrate Collections, University of Oregon

**CARL L. HUFFAKER, Ph.D.**

Professor of Education, University of Oregon

**WALLACE H. MARTIN, M.E., M.S.**

Professor of Mechanical Engineering, Oregon State College

**JENNELLE V. MOORHEAD, M.S.**

Associate Professor of Health Education, General Extension Division

**VICTOR P. MORRIS, Ph.D.**

Dean of the School of Business Administration, Professor of Economics, University of Oregon

**ANDREW F. MOURSUND, Ph.D.**

Professor of Mathematics, Head of Department, University of Oregon

**RUDOLPH OTTENBACHER, M.A.**

Instructor in Germanic Languages, University of Oregon

**JOAN PATTERSON, B.Arch.**

Associate Professor of Clothing, Textiles and Related Arts, Oregon State College

**BERNICE M. RISE, A.B., B.S. in L.S.**

Readers' Consultant and Head Circulation Librarian, University of Oregon

**WALDO SCHUMACHER, Ph.D.**

Professor of Political Science, University of Oregon

**ARNOLD L. SODERWALL, Ph.D.**

Assistant Professor of Zoology, University of Oregon

**ARTHUR B. STILLMAN, M.B.A.**

Professor of Business Administration, University of Oregon

**JAMES C. STOVALL, M.A.**

Assistant Professor of Geography, University of Oregon

**HOWARD R. TAYLOR, Ph.D.**

Professor of Psychology, Head of Department, University of Oregon

**CHARLES E. THOMAS, M.M.E.**

Professor of Engineering Materials, Oregon State College

**SHIRLEY A. WALKER, M.A.**

Instructor in Clothing, Textiles and Related Arts, Oregon State College

**JOSEPHINE WASSON, M.A.**

Assistant Professor of Art, Oregon State College

**EARL C. WILLEY, M.S.**

Professor of General Engineering, Oregon State College

HUGH B. WOOD, Ed.D.

Professor of Education, University of Oregon

LEAVITT O. WRIGHT, Ph.D.

Professor of Romance Languages, University of Oregon

CHARLES T. YERIAN, Ph.D.

Professor of Secretarial Science, Head of Department, Oregon State College

### **Instructors in Correspondence Study**

C. OGDEN BAILEY, M.S., Aviation

LOIS BAKER, M.A., Latin

CHANDLER B. BEALL, Ph.D., French

FRANK M. BEER, M.S., Botany

CARL A. BLOOD, B.S., Mechanical Drawing, House Planning

VERA H. BRANDON, Ph.D., Home Economics

DOWELL A. CALLIS, M.Th., C.P.A., Business Administration

LLOYD COLLINS, M.S., Anthropology

NEWEL H. COMISH, Ph.D., Business Administration

LEROY E. DETLING, Ph.D., Botany

JAMES D. DEVINE, M.A., Modern Languages

SAMUEL N. DICKEN, Ph.D., Geography

CLARENCE H. DIEBEL, M.A., Physics

MARIE DIEDESCH, M.S., Home Economics

WILFRID J. DIXON, Ph.D., Mathematics

ROBERT E. DODGE, B.A., Economics

RUDOLF H. ERNST, Ph.D., English

JOHN M. FOSKETT, Ph.D., Sociology

JACOB E. GAIR, Ph.D., Geology

KENNETH S. GHENT, Ph.D., Mathematics

RUSSELL GODARD, M.A., Mathematics

EDGAR A. GOODNOUGH, M.A., History

ELIZABETH HALES, M.A., Library

CHARLES O. HEATH, M.S., Engineering

THOMAS M. HOLT, B.A., C.P.A., Business Administration

ROBERT D. HORN, Ph.D., English

RALPH R. HUESTIS, Ph.D., Zoology

MARTHA L. McMULLEN, M.A., English

WALLACE H. MARTIN, M.S., Engineering  
MARY T. MENGLER, M.S., Home Economics  
VICTOR P. MORRIS, Ph.D., Economics  
LULU V. MOURSUND, M.A., Mathematics  
LUCILLE NEEDHAM, B.S., Typing  
ELEANOR S. OEHLER, M.S., Home Economics  
ALFRED W. OLSEN, B.S., Aviation  
HAROLD N. PARKINSON, B.S., Engineering  
RONALD S. PAUL, M.S., Physics  
RICHARD T. PRASCH, B.A., Art  
J. HUGH PRUETT, L.H.D., Astronomy  
WILLIAM W. PYLE, M.S., Business Administration  
MILDRED RINGO, M.S., Health Education  
BERNICE M. RISE, B.S., Library  
WILLIAM A. ROECKER, Ph.D., Modern Languages  
BILL SAMPSON, Ed.D., Education  
WALDO SCHUMACHER, Ph.D., Political Science  
FRANK SHORT, B.S., Business Administration  
RODNEY SHULTIS, B.S., Science  
LAURA B. SMITH, M.A., Home Economics  
LESLIE SMITH, M.A., Education  
ARTHUR B. STILLMAN, M.B.A., Business Administration  
ARNOLD L. SODERWALL, Ph.D., Zoology, Biology  
JAMES C. STOVALL, M.A., Geography, Meteorology  
RUSSELL C. TOMPKINS, B.A., Citizenship  
MARY L. TURNBULL, B.A., Journalism  
EDWARD VIETTI, M.S., Stenography  
SHIRLEY A. WALKER, M.A., Home Economics  
HENRIETTA B. WOLFER, M.S., Education  
MARIAN M. WOOD, B.A., Psychology  
CHARLES T. YERIAN, Ph.D., Secretarial Science

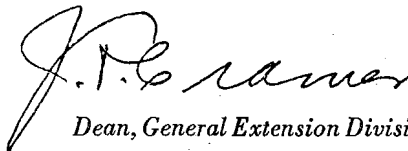
## ***Dean's Message***

Many people are finding it desirable to continue their education beyond their ability to remain enrolled in a campus institution. This book is prepared to help them select courses through the General Extension Division to be done by correspondence or home study. These courses are planned not only for those who need extra hours of college credit but also for high-school students. According to the state superintendent of public instruction, these are the only correspondence credits honored toward high-school graduation. Also, many people find correspondence study a means of personal satisfaction.

Throughout the years, the Office of Correspondence Study of the General Extension Division has grown until there are few larger in the United States. People from all over the world are taking advantage of this service.

The courses are written by professors from the University of Oregon, Oregon State College, and the colleges of education at Monmouth, Ashland, and La Grande. Every attempt is made to keep the offerings in line with the same classes on the campuses.

The Office of Correspondence Study strives to provide students with the same academic respectability that has long been traditional of higher learning in the Oregon State System of Higher Education and invites you to make further inquiry into its services and offerings.



*J. P. Sawyer*

*Dean, General Extension Division*

# ***General Information***

## ***Why does the Oregon State System of Higher Education offer correspondence courses?***

Correspondence courses are designed for those who wish to continue their education under supervision but are not able to enroll as resident students. Some wish to earn undergraduate credit toward academic degrees or to complete professional requirements; others wish to complete their high-school work or meet college entrance requirements; many adults wish to study specific subjects for personal enjoyment and betterment without concern for credit. All these people are served by correspondence courses.

The courses are prepared and graded by members of the faculties of the institutions of the State System of Higher Education in close cooperation with the General Extension Division.

## ***Are there any restrictions upon enrollment in correspondence study?***

Any person of sufficient maturity and preparation to undertake a course may enroll. Students wishing credit must meet the requirements of the institution accepting this credit. Oregon State College and the University of Oregon will accept a maximum of sixty hours of credit earned by correspondence study; the colleges of education, a maximum of eighteen or twenty-four hours, depending upon whether the three- or four-year program is completed. No graduate credit is offered by correspondence study.

Any student wishing to enroll in correspondence work, while attending college or high school as a resident student, should secure the approval of his registrar or principal before making application for enrollment.

No student should enroll for a course to be applied toward spring graduation after April 1 of the year he intends to graduate.

A student should not enroll for more than one or two courses at a time and should register for each course in a sequence only after the preceding courses have been completed.

Students working for credit may not complete more than eight quarter hours during any period of three months, if they are regularly employed or are housewives who are able to give only spare time to study. Those giving their full time to correspondence study may complete a maximum of twelve quarter hours during any period of any twelve weeks.

## ***How may I enroll for a correspondence course?***

(1) If you wish credit, consult the registrar of the institution at which you wish to use the credit or the head of the organization to which you wish to submit the credit. This officer will be able to advise you as to selection of

the proper course or courses. Those wishing to earn high-school credit should consult the principal of the high school where they were formerly enrolled or the principal of the local high school.

(2) Fill out the application blank located on the last page of this catalog and mail it with your check, money order, or bank draft for the fee to the General Extension Division, Eugene, Oregon.

***How long will it take me to complete a course?***

This depends upon the amount of time you are able to devote to your study. Upon enrollment, the complete course will be mailed to you. Lesson reports should be sent to the instructor one at a time as they are completed, so that one may benefit from the comments and corrections in working out subsequent lessons. Instructors may refuse to accept lesson reports that indicate the student is hurrying his work unduly.

The original enrollment period is one year. If a student has been seriously ill or in attendance as a resident student during this period, an extension equivalent to the length of time lost due to these reasons will be granted upon request. Maximum length of time is one year. Students are also permitted to renew their enrollment for one year by paying a renewal fee of \$2.00. One renewal only is permitted.

Examinations must be taken within six weeks after the return of the last graded lesson report, if the student wishes credit for his course. Students not living near a General Extension Division office will take their examinations under the supervision of an approved proctor. Instructions for completing arrangements for an examination are included with each course.

***What is the cost of correspondence courses?***

Fee for each course is listed in the line which gives course number and title. The nonresident fee is waived for service personnel. Fees for courses offered by the General Extension Division correspond to the fees in effect on the campuses of the state institutions of higher learning.

The student supplies his own texts and other equipment. If he wishes, he may order these from the University of Oregon Cooperative Store, Eugene, Oregon. Text prices are furnished with the course outline or upon request. Please address inquiries concerning text prices to the General Extension Division.

***Under what conditions are refunds made?***

Fees will be returned to the student if his application is not accepted. After a student has been enrolled in a course, press of other work or unwillingness to carry on the course will not be considered adequate cause for his withdrawal. Serious illness that may prevent completion of the course within the registration period or enrollment in a similar course as part of a resident program in an educational institution will be regarded as sufficient reason for a request for refund of fees, provided the request is made to the General Extension Division within three months of the date of registration. When re-

funds are made, \$2.00 of the fee for each course will be retained to cover the cost of registration. No course fee will be refunded after a student has submitted lesson reports.

***May I transfer to another course?***

A student may transfer from one course to another any time during the first six months of his enrollment. Fee for this service is \$1.00 plus any necessary fee adjustment and \$1.00 for each assignment which has been corrected in the original course. Transfer of enrollment to another person will be permitted only when the person to whom the course is to be transferred is a member of the student's immediate family. In such a transfer, the regulations listed above will apply.

***May service personnel enroll for correspondence courses through USAFI?***

Yes. The General Extension Division has a correspondence study contract with the Armed Forces Institute. Under this contract, the majority of the courses offered in the correspondence study catalog are available to men and women on active duty with the armed forces under a program whereby the government pays the cost of instruction. The students pay course enrollment fees and the cost of the texts. For complete information, write General Extension Division, Eugene, Oregon, or consult the unit education officer.

***How is correspondence study graded?***

The quality of student work is measured by a system of grades consisting of: A; B; C; D; failure, F; incomplete, Inc. The grade of A denotes exceptional accomplishment; B, superior; C, average; D, inferior.

# **College Correspondence Courses**

The number before the title of a course indicates whether the course carries upper- or lower-division credit. Numbers from 1 to 299 are lower division; those 300 and above are upper division. Numbers following the course title represent: (1) quarter hours (q.h.) of credit; (2) number of lesson assignments (a.); and (3) the enrollment fee.

## **Special Service Courses**

The following courses are designed to meet the needs of special groups of students. Descriptions of the courses will be found on later pages of this catalog as indicated.

### **Citizenship**

#### **PS C 1 X. Preparation for Citizenship.**

Offered in co-operation with the Immigration and Naturalization Service of the U. S. Department of Justice for candidates for naturalization. For description, see page 43.

### **Refresher Courses**

The following are "refresher courses," planned especially for students wishing a quick review in preparation for work in technical fields.

#### **Mth C 111. Introduction to Analysis (Algebra).**

For description, see page 37.

#### **Mth C 112. Introduction to Analysis (Geometry and Trigonometry).**

For description, see page 37.

### **Agriculture**

#### **FM C 311. Farm Accounting. 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.**

Discussion of the various uses of farm records and the different methods of record keeping. The problems of inventorying, depreciation, and recording of receipts and expenses are presented. Major attention given to income tax accounting; problems worked in both the cash and accrual systems of income tax reporting. Records kept are studied to determine what the farmer actually made for the year as well as some of the reasons for the income. (In preparation; please contact General Extension Division for complete information.)

Text: Hyer, *Farm Record Keeping*, Oregon State College. Available at the Oregon State College Cooperative Book Store, Corvallis, Oregon.

### **Anthropology**

#### **Anth C 317. The American Indian. 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.**

This course is the first section of a three-course sequence dealing with Indian life

in North, Central, and South America before white contact; the study will include contemporary Indian life where groups still survive. While each section may be taken independently, the sections or their equivalent must be taken in their proper sequence.

Texts: Goddard, *Indians of the Northwest Coast*, American Museum of Natural History, Handbook Series, No. 10, New York, 1934; Radin, *The Story of the American Indian*, Liveright Pub. Corp., 1944; Wissler, *Indians of the United States*, American Museum of Natural History, Science Series, Doubleday, Doran & Co., 1949; Bennett and Bird, *Andean Cultural History*, American Museum of Natural History, Handbook Series, No. 15, New York, 1949.

**Anth C 318. The American Indian.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Anth C 317.

Texts: Goddard, *Indians of the Southwest*, American Museum of Natural History, Handbook Series, No. 2, New York, 1931; Radin, *The Story of the American Indian*, Liveright Pub. Corp., 1944; Wissler, *Indians of the United States*, American Museum of Natural History, Science Series, Doubleday, Doran & Co., 1940.

## Architecture and Allied Arts

### Architecture

\*AA C 150. **Mechanical Drawing. Section I.** 3 q.h. 15 a. \$15.00 for Oregon residents; others, \$20.00.

Instruction in the use and care of instruments, geometric drawing, practical applications of the principles of orthographic projection to drafting-room practice, etc. Neat, plain lettering, shop drawings, tracings, and isometric drawing receive special emphasis. Prerequisite: plane geometry.

Text: French, *Engineering Drawing* (6th ed.), McGraw-Hill. A list of drawing materials required will be sent on request.

\*AA C 150. **Mechanical Drawing. Section II.** 3 q.h. 15 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Section I. Developments and intersections of surfaces. Prerequisite: Section I or its equivalent. Same text as in Section I.

\*AA C 178. **House Planning.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Small-house construction, detail drawing and architectural drafting, with particular reference to the needs of students majoring in home economics and industrial arts. Application of art principles to architectural and period styles. Emphasis upon needs of potential home owner and new trends in building.

Texts: Dunham and Thalberg, *Planning Your Home for Better Living*, McGraw-Hill, 1945; Pickering, *Shelter for Living*, John Wiley & Sons, 1941.

*The following courses are in preparation. Please contact the General Extension Division for complete information. They will be acceptable toward a degree in architecture.*

AA C 150. **Mechanical Drawing.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This is a condensation of the course described above into one 3-term-hour course.

---

\* May be taken as an elective only and not for credit toward a degree in architecture.

It contains the most important points but eliminates some technicalities. Prerequisite: plane geometry.

Text: French, *Engineering Drawing* (7th ed.), McGraw-Hill, 1947. A list of drawing materials required will be sent on request.

- AA C 285. **Construction and Design.** 3 q.h. 16 a. \$15.00 for Oregon residents, others, \$20.00.

A basic preprofessional course dealing with materials, their properties, design qualities, and applications to design. Principles of light construction in wood and masonry. Short design problems planned to integrate the basic principles of design in analytical solutions of typical problems in architecture, landscape architecture, and interior design.

Text: Hauf, *Design of Steel Buildings* (2nd ed.), John Wiley & Sons, 1938.

- AA C 369. **Theory of Structures I.** 3 q.h. 12 a. \$15.00 for Oregon residents; others, \$20.00.

Application of mathematics to the design of building structures. Wood and steel construction; beams, columns, trusses, and simple frames; the relationship of structural design to architectural design.

Text: Same as for AA C 285.

- AA C 370. **Theory of Structures II.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of AA C 369.

Text: Same as above.

### Art

- AA C 144. **Freehand Drawing.** 2 q.h. 12 a. \$12.00 for Oregon residents; others, \$17.00.

For beginners and others interested in fundamental principles involved in graphic representation. Emphasis is upon the understanding of forms and their relation to picture making. Cost of materials needed will be sent on request. No text required.

- AA C 145. **Freehand Drawing.** 2 q.h. 12 a. \$12.00 for Oregon residents; others, \$17.00.

A continuation of AA C 144.

- AA C 298. **Sketching.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Sketching from models to develop ability to observe clearly and record accurately. Offered especially for nonmajor students who have had no previous training in sketching or drawing. (In preparation; please contact the General Extension Division for complete information.)

### Astronomy

- Ph C 101. **Astronomy. Section I.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Attention is given to laws governing stars, planets, sun, moon, comets, and nebulae; study of the appearance and names of constellations and mythology connected with them. Observations are required. Field glasses will be helpful but are not required. Prerequisite: a knowledge of elementary algebra, plane and solid geometry.

Texts: Fath, *Elements of Astronomy*, McGraw-Hill, 1944; McKready, *A Beginner's Guide to the Stars*, G. P. Putnam's Sons.

Ph C 101. **Astronomy. Section II.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Ph C 101, Section I.

### Aviation

CA C 311-312. **Elementary Civilian Pilot Training—Air Navigation.** 3 q.h. 17 a. \$15.00 for Oregon residents; others, \$20.00.

A study of such basic principles in air navigation as chart reading, instruments, cross-country flying, dead reckoning, radio navigation, celestial navigation, and civil air regulations. This course and CA C 312-313 are designed to cover as thoroughly as possible the material in these subjects included in the elementary ground-school training program of the C.A.A. While the completion of these courses will not exempt a student from the ground-school portion of the training required for a pilot's license, a knowledge of the material in the courses will greatly facilitate his regular flight training. Prerequisites: elementary algebra, plane geometry, and elementary physics.

Texts: Lyon, *Practical Air Navigation*, Civil Aeronautics Bulletin No. 24. The student will also need a protractor; a 12-inch ruler with regular scale in inches on one edge and the metric scale on the other; large-size dividers or compass; a 4H pencil; and a sectional aeronautical chart, "Portland" designation.

CA C 312-313. **Elementary Civilian Pilot Training—Meteorology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Intended for aviation ground school instructors, applicants for CAA pilot licenses and others primarily interested in meteorology as it pertains to aviation. Basic concepts of meteorology are explained with a minimum of mathematics. Applications are made to problems involving fog, icing, turbulence, thunderstorms, and general flight planning. Teletype weather reports, weather maps and upper air charts are interpreted. The course is kept continuously up-to-date in terms of teletype codes, weather map symbols, and other practices of civil airways weather services.

Text: Haynes, *Meteorology for Pilots*, Civil Aeronautics Bulletin No. 25.

Mth C 330. **Elements of Navigation.** 3 q.h. 16 a. \$17.00 for Oregon residents; others, \$22.00.

See description on page 38.

CA C 341. **Secondary Civilian Pilot Training—Aerodynamics.** 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

A study of fundamental laws of physics and mechanics; properties of air and fluid motion; theory of flight and air foil; forces on wings; parasite drag; engines; propellers; straight-level flight at sea level and at altitude; climbing, gliding, and turning flight; dynamics of taking off; spins; performance study; high-lift devices; stability; dynamic loads and load factors; and structural considerations. Prerequisites: elementary algebra, plane geometry, and elementary physics.

Texts: Jones, *Elements of Practical Aerodynamics* (3rd ed.), John Wiley & Sons, 1942; Jones, *Aerodynamics for Pilots*, Civil Aeronautics Bulletin No. 26; *Pilot's Airplane Manual*, Civil Aeronautics Bulletin No. 27.

CA C 342. **Secondary Civilian Pilot Training—Aircraft Power Plants.** 4 q.h. 22 a. \$20.00 for Oregon residents; others, \$25.00.

A study of power-plant requirements; cycles of operation and power output factors; valve mechanisms and timing; engine design and construction; power-plant installation and lubricants; lubricant systems; fuel and fuel systems; carburetors; fuel injection; ignition systems; propellers; power-plant operation and

maintenance instruments; parachutes; airplane structure and materials. Prerequisites: elementary algebra, plane geometry, and elementary physics.

Texts: Shedenhelm, *Pilot's Powerplant Manual*, Civil Aeronautics Bulletin No. 28; Anderson, *Pilot's Airplane Manual*, Civil Aeronautics Bulletin No. 27.

### Biology

**BiS C 101. Biological-Science Survey.** 3 or 4 q.h. 16 a. \$15.00 or \$20.00 for Oregon residents; others, \$20.00 or \$25.00.

An elementary study of the fundamental principles of biology as they apply to both plants and animals. Each section has laboratory exercises, which may be omitted if a compound microscope is not available. The course without laboratory exercises does not satisfy the science group requirement.

Text: Hardin, *Biology*, W. H. Freeman & Co., San Francisco, 1949. Students wishing to enroll for the course with laboratory assignments will be furnished with a kit containing necessary supplies. A deposit of \$7.00 for this kit should accompany the fee; upon return of the kit, the deposit will be refunded.

**BiS C 102. Biological-Science Survey.** 3 or 4 q.h. 16 a. \$15.00 or \$20.00 for Oregon residents; others, \$20.00 or \$25.00.

Same text as for BiS C 101.

**BiS C 103. Biological-Science Survey.** 3 or 4 q.h. 16 a. \$15.00 or \$20.00 for Oregon residents; others, \$20.00 or \$25.00.

Same text as for BiS C 101 and 102.

**Z C 150. Bird Study.** 3 q.h. 19 a. \$16.50 for Oregon residents; others, \$21.50.

For description, see page 46.

**Bot C 150. Introductory Botany.** 3 q.h. 16 a. \$15.00 for Oregon residents; others \$20.00.

A study of life processes as shown in the plant. A small magnifying glass is required. A service course for nonscience majors.

Text: Fuller, *The Plant World*, Henry Holt & Co., 1941. A magnifying glass of about 10X power and good definition will be needed.

### Business Administration\*

**BA C 111. Constructive Accounting.** 4 q.h. 22 a. \$20.00 for Oregon residents; others, \$25.00.

An introduction to the field of accounting and business administration. The student who completes this course satisfactorily should have little difficulty in following the routine of almost any bookkeeping system.

Texts: Noble, *Accounting Principles* (5th ed.), South-Western Pub. Co., San Francisco, 1949; Working Papers for Chapters 1 to 16 of *Accounting Principles* (Stock No. A 631); Practice Set. No. 1 (Stock No. A 633).

**BA C 112. Constructive Accounting.** 4 q.h. 22 a. \$20.00 for Oregon residents; others, \$25.00.

A continuation of BA C 111.

Texts: Noble, *Accounting Principles* (same as for BA C 111); Working Papers for Chapters 1 to 16 of *Accounting Principles* (Stock No. A 631); Working Papers for Chapters 17 to 32 of *Accounting Principles* (Stock A 632); Practice Set

\* See also Secretarial Science, page 44.

No. 1 (Stock No. A 633) and Practice Set No. 2 (Stock No. A 635) for use with *Accounting Principles*.

- BA C 113. Constructive Accounting.** 4 q.h. 22 a. \$20.00 for Oregon residents; others, \$25.00.  
A continuation of BA C 112  
Texts: Noble, *Accounting Principles* (same as for BA C 111); Working Papers for Chapters 17 to 32 of *Accounting Principles*; (Stock No. A 632); Practice Set No. 2 (Stock No. A 635) for use with *Accounting Principles*.
- BA C 212. Principles of Cost Accounting.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
The basic principles of cost accounting; departmentalization; expense allocation. Designed primarily for persons interested in general accounting. Prerequisite: BA C 111, 112, 113, or equivalent.  
Text: Specthrie, *Industrial Accounting, Brief Course*, Prentice-Hall, 1947; work book to accompany text.
- BA C 416. Business Law.** 4 q.h. 22 a. \$20.00 for Oregon residents; others, \$25.00.  
Introduction to law; persons, torts, contracts, and agency are considered.  
Text: Spencer, *A Textbook of Law and Business*, McGraw-Hill, 1938.
- BA C 417. Business Law.** 4 q.h. 22 a. \$20.00 for Oregon residents; others, \$25.00.  
The subjects include private property, law of finance, risk and risk bearing. Same text as for BA C 416.
- BA C 418. Business Law.** 4 q.h. 22 a. \$20.00 for Oregon residents; others, \$25.00.  
A consideration of the law of personal property and the law of business organizations. Same text as for BA C 417.
- BA C 425. Real Estate Fundamentals.** 2 q.h. 12 a. \$10.00 for Oregon residents; others, \$15.00.  
A study of problems relating to the purchase, transfer, lease, and financing of land and buildings; home building; site selection; city structure as it affects real-property values. Designed to aid those preparing for the examination for a state license.  
Text: Benson and North, *Real Estate Principles and Practice*, Prentice-Hall, 1947.
- BA C 436. Retail Merchandising.** 4 q.h. 21 a. \$20.00 for Oregon residents; others, \$25.00.  
Retail policies and problems. Stock-control systems, buying, methods of sales promotion, plant operation, personnel, credit, turnovers, pricing, expense classification, and distribution.  
Texts: Comish, *Small Scale Retailing* (2nd ed.), Binforde & Mort, Portland, 1948; Barker and Anderson, *Principles of Retailing* (2nd ed.), McGraw-Hill, 1945.
- BA C 339. General Advertising.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A study of the theory and practice of advertising. For beginners.  
Text: Kleppner, *Advertising Procedure* (3rd rev. ed.), Prentice-Hall, 1950.
- BA C 487. Advanced Cost Accounting.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
Intensive study for those desiring to enter the field of cost accounting or other professional accounting work. Principles and cost procedures, with special applica-

tion to practical problems. Prerequisites: BA C 111, 112, 113 and BA C 212 or equivalents.

Text: Langar, *Cost Accounting*, Walton Publishing Co., 1947.

**BA C 488. Advanced Cost Accounting.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of BA C 487. Prerequisite: BA C 487. Same text as for BA C 487.

### **Economics**

**Ec C 201. Principles of Economics.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A study of principles that underlie production, consumption, money, banking, demand, supply, prices and price functions, prices and markets.

Texts: Burns, Neal, and Watson, *Modern Economics*, Harcourt, Brace & Co., 1948; Kiekhofer, *Economic Principles, Problems and Policies* (3rd ed.), D. Appleton-Century Co., 1946.

**Ec C 202. Principles of Economics.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course is a continuation of Ec C 201 and is concerned with wages, interest, rent, profits, business cycles, controls, business organization and finance, labor and labor relations, regulation of industry, the relation of government to the economic system. Same texts as for Ec C 201.

**Ec C 203. Principles of Economics.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Ec C 202 and a study of government spending and its effect; the tax system, national and local; international economics; personal distribution and uses of income; social security; types of economic systems. Same texts as for Ec C 201.

**Ec C 211. Outline of Economics.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A brief survey of the principles of economics and of economic institutions. A service course.

Text: Kjekhofer, *Economic Principles, Problems and Policies* (3rd ed.), D. Appleton-Century Co., 1946.

**Ec C 440. International Trade.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Theory of international trade; nature and effects of government interference in the form of bounties, subsidies, import and export duties; commercial policies of the more important nations.

Text: Towle, *International Trade and Commercial Policy*, Harper & Bros., 1947.

### **Education**

**Ed C 311. Secondary Education in American Life.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Development and present status of secondary education as an American institution; social and psychological bases; objectives, functions, programs, curricula, and courses; personnel work and other responsibilities of teachers. Prerequisite: Psy 201. (In preparation; please contact the General Extension Division for complete information.)

Ed C 312. **Educational Psychology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A study of some of the factors that promote growth through learning; principles of learning, of motivation, of mental health; the psychological theory of teaching procedures. This course is for secondary teachers.

Texts: Sorenson, *Psychology in Education*, McGraw-Hill, 1940; Starch, Stanton, and Koerth, *Psychology in Education*, D. Appleton-Century Co., 1941.

Ed C 316. **Oregon School Law and System of Education.** 2 q.h. 12 a. \$10.00 for Oregon residents; others, \$15.00.

A study of the Oregon school system and the laws on which it is based; problems of Oregon schools and plans proposed for their solution; the course of study, and trends of educational development in the state.

Texts: *Oregon School Laws, 1946, 1947 and 1949. Supplement*, State Superintendent of Public Instruction, Salem, Oregon, \$1.00; Oregon Blue Book (latest ed.), Secretary of State, Salem, Oregon, 50 cents.

Ed C 354. **Introduction to Education.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A brief discussion of the meaning, function, and scope of education; an orientation survey of the educational field.

Texts: Reeder, *A First Course in Education*, Macmillan Co., 1948; De Young, *Introduction to American Public Education*. McGraw-Hill, 1950.

Ed C 407. **Parent-Teacher Organization.** 2 q.h. 10 a. \$10.00 for Oregon residents; others, \$15.00.

Presents problems, techniques, and projects of the parent-teacher movement. Emphasis placed on what the home expects of the school; what the school expects of the home; what the child needs of both; the role of the PTA in fostering close and effective home-school-community co-operation. Current source materials and parent-teacher practices and programs will be examined. Special problems facing both beginning and experienced teachers will be studied.

Text: Overstreet, Harry, and Bonare, *Where Children Come First*, National Congress of Parents and Teachers, 1949. (May be ordered from Oregon Congress of Parents and Teachers, 411 Education Center Building, 220 Southwest Alder Street, Portland 4, Oregon.)

Ed C 422. **Curriculum Construction.** 2 q.h. 12 a. \$10.00 for Oregon residents; others, \$15.00.

Place of the curriculum in the modern school; trends in curriculum development. Suitable for group study. (In preparation; please contact the General Extension Division for complete information.)

Text: Smith, Stanley, and Shores, *Fundamentals of Curriculum Development*, World Book Company, 1950.

Ed C 454. **History of Education.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A general review of the growth and development of education and its relation to the civilization of the times; from Plato and Aristotle to Dewey. (In preparation; please contact the General Extension Division for complete information.)

Ed C 455. **History of American Education.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

History of educators whose practices and philosophies function in our modern educational system. (In preparation; please contact the General Extension Division for complete information.)

**Ed C 458. Primary Education.** 2 q.h. 12 a. \$10.00 for Oregon residents; others, \$15.00.

This course covers the social, emotional, intellectual, and physical growth and development of young children from the prenatal through the ninth-year level. It presents general and specific educational and psychological principles and their application to actual schoolroom problems as they apply to the primary child. It deals with the primary curriculum as a whole and with the teaching of the various specific areas, such as reading, phonics, science, social science, language, spelling, writing, and arithmetic. Prerequisite: at least one year of study in a normal school. Credit will be acceptable at colleges of education.

Texts: Betts, *Foundations of Reading Instruction*, American Book Co., Lamoreaux and Lee, *Learning to Read Through Experience*, D. Appleton-Century Co., 1950; Schuele, *Differences Which Matter*, Von Brockman-Jones, 1947.

**Ed C 459. Intermediate and Upper-Grade Education.** 2 q.h. 12 a. \$10.00 for Oregon residents; others, \$15.00.

An application of general educational and psychological principles to actual problems in intermediate and upper-grade teaching growing out of the student's experience. Emphasis will be given to the content subjects which are taught in the elementary schools of Oregon, such as science, social studies (history, geography, civics), and literature. Prerequisite: one year of study in a normal school or equivalent training. Credit will be acceptable at colleges of education.

Texts: Brueckners and Grossnickle, *How to Make Arithmetic Meaningful*, Winston Co., 1947; Lee and Lee, *The Child and His Curriculum* (rev. ed.), D. Appleton-Century Co., 1950; Witty, *Reading in the Modern Education*, D. C. Heath & Co., 1949.

**Ed C 461. Adolescence: Growth and Development of the Individual.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Processes through which the normal human being reaches maturity, acquires effective use of his bodily equipment and learning capacity, and makes satisfactory personal and social adjustments. (In preparation; contact the General Extension Division for complete information.)

**Ed C 468. Hygiene of Learning.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A study of mental hygiene applied to teaching and learning in the school situation. Its major purpose is to give teachers and prospective teachers a better understanding of themselves and their pupils so that the "academic learnings" in the school will help in the development of a wholesome personality.

Texts: Witty and Skinner, *Mental Hygiene in Modern Education*, Farrar & Rinehart, 1939; Fenton, *Mental Hygiene in School Practice*, Stanford University Press, 1943.

## Engineering

**GE C 111. Engineering Drawing.** 2 q.h. 10 a. \$10.00 for Oregon residents; others, \$15.00.

Training in the use of drafting instruments and in the art of lettering; introduction to elementary principles of orthographic projection. May be taken by students who have had no college training in mechanical drawing. A list of instruments and materials for the course will be sent on request.

Text: Willey, Wanless, Holcomb, *Engineering Drawing Manual*, Oregon State College Cooperative Association, Corvallis, Oregon.

**GE C 112. Engineering Drawing.** 2 q.h. 11 a. \$10.00 for Oregon residents; others, \$15.00.

Continuation of orthographic projection; methods of dimensioning and checking drawings; use of auxiliary planes of projection; section drawings; isometric drawings; working drawings of machine parts; tracings from drawings. Prerequisite: GE C 111 or equivalent. Same text as for GE C 111.

**GE C 113. Engineering Drawing.** 2 q.h. 11 a. \$10.00 for Oregon residents; others, \$15.00.

A continuation of GE C 112. Freehand orthographic and perspective sketching; practical application of drawing principles to working drawings; use of charts and diagrams. Prerequisite: GE C 112. Same text as for GE C 111 and 112.

**ME C 212. Mechanics (Statics).** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Forces and force systems with reference to the equilibrium of rigid bodies; simple framed structures; methods of finding centers of gravity and moments of inertia and their practical application; numerous problems having engineering application. Prerequisite: Differential and Integral Calculus (Mth C 201, 202).

Text: Seely and Ensign, *Analytical Mechanics for Engineers* (3rd rev. ed.), John Wiley & Sons, 1948.

**ME C 213. Mechanics (Dynamics).** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Continuation of ME C 212. Principles and problems in kinetics; force as a factor causing motion; work, energy, friction, and impact studied and illustrated by means of numerous problems. Prerequisite: Calculus (Mth C 201, 202) and ME C 212. Same text as for ME C 212.

**ME C 363. Refrigeration.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Principles and practice of refrigeration, with special reference to commercial refrigeration. Material in the course is directed more particularly to those who install and service the larger units.

Texts: Norman Sharpe, *Refrigerating Principles and Practices*, McGraw-Hill, 1949, *Instructions for the Operation and Maintenance of Refrigeration Plants*, U.S. Navy, Ship's Bureau, 1947, Superintendent of Documents, Washington, D. C.; Martin, *Refrigeration Applications to Certain Oregon Industries*, Circular Series, No. 5, Engineering Experiment Station, Oregon State College, Corvallis (free to citizens of Oregon, 25 cents to others).

## **English and Literature**

### **Written English**

#### **Manuscript Criticism.** No credit.

Manuscripts of full-length novels, biographies, travels, and similar literary undertakings will be read by an experienced critic and will receive whatever criticism seems to be indicated by the nature of the undertaking. The fee for this service will be \$35.00 for manuscripts not over 75,000 words. Application for manuscript criticism should be made before the manuscript is submitted and should indicate its nature and length. Manuscripts will not be accepted for criticism unless they are typed. The fee and return postage should be sent with the manuscript.

**Eng C 1 X. Grammar, Punctuation, and Usage Review.** No credit. 24 a. \$15.00 for Oregon residents; others, \$20.00.

For mature persons who feel the need of a thorough review of all facts and principles of grammar that have practical application in relation to punctuation and good usage.

Text: Tressler, *Grammar in Action* (rev. ed.), D. C. Heath & Co., 1938.

**Eng C 111. Principles of Good Writing.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course, together with Eng C 112 and 113, makes up a year sequence in fundamentals of composition and rhetoric equivalent to the usual freshman requirements in college English. Students wishing to take Eng C 111, 112, and 113 for credit must make a satisfactory score on the English Placement Test. Arrangements to take this test may be made through the Office of Correspondence Study, General Extension Division. There is no charge for this service.

Texts: Babcock, Horn, English, *Essentials of Composition for College Students*, American Book Co., 1939; *Good Reading*, National Council of Teachers of English. An approved collegiate dictionary is also required.

**Eng C 112. Principles of Good Writing.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Eng C 111. Same texts.

**Eng C 113. Principles of Good Writing.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Eng C 112. Same texts.

**Eng C 113sp. Principles of Good Writing (Special).** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This is an alternate course for the third section of Principles of Good Writing, intended especially for the student engaged in a particular type of business or profession who may wish to make use of materials which his work provides. The course will stress practical forms; the outline, the summary, definition, factual narrative, objective description, and the organization of reports. It may be taken separately or as the third section of the regular course.

Texts: Robbins and Parker, *Advanced Exposition* (rev. ed.), Prentice-Hall, 1948; a good dictionary.

**Eng C 213. Introduction to Short-Story Writing.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Critical study of the structure of typical short stories; attention to plot construction, character portrayal, introductions, dialogues, and conclusions. A course for beginners in creative writing. A knowledge of English fundamentals is essential.

Text: Bement and Taylor, *The Fabric of Fiction*, Harcourt, Brace & Co., 1946.

**Eng C 214. Short-Story Writing.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Designed to enable students to try out their abilities in creative writing. Training in English fundamentals and in creative writing equivalent to that given in Eng C 111, 112, 113 and Eng C 213 is required.

Texts: Kempton, *The Short Story*, Harvard University Press, 1947; Cerf, *Modern American Short Story*, The World Publishing Company, 1948.

**Eng C 217. Business English.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A complete review and study of modern practices in business correspondence.

Prerequisite: Eng C 111, 112, 113 or equivalent. (In preparation; please contact General Extension Division for complete information.)

Eng C 218. **Advanced Writing.** 3 q.h. 16 a. for Oregon residents; others, \$20.00.

The study and practice of general magazine writing—sketches, essays, narratives, criticism, etc. Prerequisite: Eng C 111, 112, 113 or equivalent training.

Text: Frederick and Ward, *Reading for Writing* (3rd ed.), F. S. Crofts & Co., 1946.

Eng C 219. **Advanced Writing.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Eng C 218. Same text.

Eng C 220. **Advanced Writing.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Eng C 219. Same text.

Eng C 311. **Advanced Short-Story Writing.** 3 q.h. \$19.00 for Oregon residents; others, \$24.00.

An advanced course calling for 25,000 words of manuscript of satisfactory quality. The student submits manuscripts as if for market rather than as "lessons." Expert criticism given. Prerequisites: completion of Eng C 213 and Eng C 214 with proficiency, or submission of short-story manuscripts of merit. Reading will be suggested by instructor.

Eng C 317. **Versification.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

The aim is to acquaint the student with fundamental verse forms through the study and analysis of significant verse, and to give opportunity for creative writing. A knowledge of good English usage and some acquaintance with literature are required.

Text: Untermeyer, *The Book of Living Verse*, Harcourt, Brace & Co., 1945.

Eng C 324. **English Composition for Teachers.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

For those expecting to teach English in high schools. Prerequisite: Eng C 111, 112, 113 or equivalent.

Texts: Mirrielees, *Teaching Composition and Literature* (rev. ed.), Harcourt, Brace & Co., 1943; Hodges, *The Harbrace Handbook of English*, Harcourt, Brace & Co., 1941.

Eng C 325. **Prose Manuscript.** 3 q.h. \$19.00 for Oregon residents; others, \$24.00.

For those who have finished satisfactorily Eng C 311 or equivalent. Submission of 25,000 words in acceptable manuscript required. Individual problems receive careful attention. Reference reading suggested by instructor.

*Students interested in non-fiction magazine writing, see Journalism, J C 421 and 422 Articles and Features.*

### Literature

Eng C 101. **Survey of English Literature.** 3 q.h. 20 a. \$15.00 for Oregon residents; others, \$20.00.

This course and Eng C 102, 103 comprise a study of significant features in English literature from *Beowulf* to the present. For college freshmen. The first section covers the period from *Beowulf* to Milton.

Text: Snyder and Martin, *A Book of English Literature*, Vol. I, Macmillan Co., 1947.

- Eng C 102. **Survey of English Literature.** 3 q.h. 20 a. \$15.00 for Oregon residents; others, \$20.00.  
Covers the period from Milton to Byron.  
Texts: Snyder and Martin, *A Book of English Literature*, Vol. I Macmillan Co., 1945; a collection of Wordsworth's poems, such as the Oxford standard edition, or Vol. II of *A Book of English Literature* by Snyder and Martin.
- Eng C 103. **Survey of English Literature.** 3 q.h. 20 a. \$15.00 for Oregon residents; others, \$20.00.  
Covers the period from Byron to Hardy.  
Text: Snyder and Martin, *A Book of English Literature*, Vol II, Macmillan Co., 1942.
- Eng C 170. **Early American Literature.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
This course and Eng C 171 trace the development of American literature from Franklin to modern times. Books chosen for reading are representative of certain conditions of American life or of the opinions of leading writers on questions of general interest.  
Texts: Well-known works of Franklin, Woolman, Crèvecoeur, Thoreau, Emerson, Lowell, Hawthorne, Poe, which may be borrowed from libraries.
- Eng C 171. **Recent American Literature.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A continuation of Eng C 170.  
Texts: Works of Howells, Deland, Herrick, Wharton, Henry James, Wilkins, Mark Twain, and Glasgow.
- Eng C 201. **Shakespeare.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
In this course and Eng C 202, 203, twenty plays by Shakespeare are studied in detail and several other plays are assigned as extra reading. The three sections meet requirements for English majors and for those who wish to fulfill a norm in English.  
Text: Nielson and Hill, *Shakespeare's Complete Plays and Poems*, New Cambridge Edition, Houghton Mifflin Co.
- Eng C 202. **Shakespeare.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A continuation of Eng C 201. Same text.
- Eng C 203. **Shakespeare.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
Continuation of Eng 202. Same text.
- Eng C 260. **Survey of American Literature.** 5 q.h. 28 a. \$25.00 for Oregon residents; others, \$30.00.  
A brief survey of American literature from the beginning to the present. Designed especially for those who are beginning the study of American literature and for those who wish to fulfill the English norm for teachers.  
Text: Ellis, Pound, Spohn, *A College Book of American Literature (Briefer Course)*, American Book Co., 1939-40. Students should not confuse this brief edition of the book with a longer, two-volume edition.
- Eng C 329. **Contemporary English Novel.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A study of representative novels of England today, and of characteristics of the newer and most recent trends in English fiction. A wide selection of novels for reading is possible. Novels may be borrowed from libraries.

- Eng C 367. English Novel.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
The novel in the eighteenth century, with special attention to the work of Defoe, Richardson, Fielding, Smollett, Goldsmith, Sterne, Burney, Walpole, Beckford, Radcliffe, and Godwin. Supplementary reading in the history of the novel and in the technique of fiction is also required. Prerequisite: Survey of English Literature or its equivalent. Novels may be borrowed from libraries or purchased in inexpensive editions.
- Eng C 368. English Novel.** 3 q.h. \$15.00 for Oregon residents; others, \$20.00.  
This course and Eng C 369 involve the study of twelve great novelists of the nineteenth century: Scott, Austen, Bulwer-Lytton, Kingsley, Dickens, Reade, Thackeray, Bronte, Eliot, Trollope, Meredith, and Hardy. Prerequisite: Survey of English Literature and Eng C 367 or equivalent. Novels may be borrowed from libraries.
- Eng C 369. English Novel.** 3 q.h. \$15.00 for Oregon residents; others, \$20.00.  
A continuation of Eng C 368. Same prerequisite.
- Eng C 388. Children's Literature.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.
- Eng C 391. Nineteenth-Century American Novel.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A study of the origin and development of the novel in America from 1798 to 1900. Minimum required reading is sixteen novels. Books may be borrowed from public libraries.
- Eng C 393. Contemporary American Novel.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A survey of the contemporary American scene as it is found in the modern novel in America. Study plans for forty-three novels are offered, from which the student must complete sixteen. Books may be secured from a local library.

## Geography

- Geog C 105. General Geography.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
This course and Geog C 106, 107 constitute a general introduction to geography. Section I deals with physical geography.  
Text: Finch and Trewartha, *Elements of Geography*, McGraw-Hill, 1949.
- Geog C 106. General Geography.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
This section deals with world resources.  
Text: Klimm, Starkey, and Hall, *Introductory Economic Geography*, Harcourt, Brace & Co., 1940.
- Geog C 107. General Geography.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
This section deals with human and regional geography.  
Text: Van Valkenberg, *Elements of Political Geography*, Prentice-Hall, 1949.
- Geog C 201. Economic Geography.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A study of the major types of production and their geographic background.

Texts: Dicken, *Regional Economic Geography*, D. C. Heath & Co., 1949; Goode's *School Atlas*, Rand McNally & Co., latest edition; Goode's *School Atlas Outline Maps* (selected by Raymond E. Murphy), Rand McNally & Co.

Geog C 202. **Economic Geography.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

In preparation; please contact General Extension Division for complete information.

Geog C 203. **Economic Geography.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

In preparation; please contact General Extension Division for complete information.

Geog C 323. **Geography of the Pacific Northwest.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A study of the land forms, climates, population, resources, products, and lines of communication of the Pacific Northwest.

Texts: Dicken, *Oregon Geography*, Edwards Bros., 1950; Freeman, Martin, and Smith, *The Pacific Northwest*, John Wiley & Sons, 1942.

Geog C 324. **Geography of the Pacific Northwest.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Geog C 323. (In preparation; please contact the General Extension Division for complete information.)

Text: Freeman, Martin, and Smith, *The Pacific Northwest*, John Wiley & Sons, 1942.

Geog C 325. **Geography of the Pacific Northwest.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Geog C 324. (In preparation; please contact the General Extension Division for complete information.)

Text: Same as for Geog C 324.

Geog C 429. **Geography of North America.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Physiography and resources of the continent, and social reaction as influenced by these.

Texts: Smith and Phillips, *North America*, Harcourt, Brace & Co., 1942. Raisz, *Landforms of the United States*, Harvard University Press, 1939.

Geog C 430. **Geography of South America.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Physical, economic, and human geography of the continent.

Texts: James, *Latin America*, Odyssey Press, 1942; Smith, *Physiographic Diagram of South America*, Geographical Press, Columbia University, 1935.

## Geology

Geol C 101. **General Geology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Processes of nature affecting the surface of the earth; formation of economic geologic deposits; the main events in the history of the earth.

Text: Longwell, Knopf, and Flint, *Physical Geology* (3rd ed.), John Wiley & Sons, 1949.

Geol C 102. **General Geology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Geol C 101.

Text: Same text as for Geol C 101.

Geol C 103. **General Geology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Geol C 102.

Text: Dunbar, *Historical Geology*, John Wiley & Sons, 1949.

### **Health Education**

HE C 361. **Community Health Problems.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Designed primarily for health teachers in the public schools. Basic community health problems important in health instruction. Prerequisite: junior standing in health and physical education, or consent of instructor. (In preparation; please contact the General Extension Division for complete information.)

HE C 362. **Personal Health Problems.** 3 q.h. 16 a. for Oregon residents; others, \$20.00.

For health teachers in the public schools. Hygienic care of the body and other personal health problems important in health instruction. Prerequisite: junior standing in health and physical education, or consent of instructor.

Text: Meredith, *Hygiene*, Blakiston Co., Philadelphia, 1949.

HE C 363. **Communicable and Noncommunicable Diseases.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Nature, prevention, and control of common communicable diseases, considered in relation to health instruction in public schools. Prerequisite: junior standing in science or health and physical education. (In preparation; please contact the General Extension Division for complete information.)

### **History**

Hst C 101. **History of Western Civilization.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course and Hst C 102, 103 constitute a review of the great civilizations of the world from ancient times to the present. Hst C 101 covers the period from the Stone Age to about 1500 A.D.

Text: Burns, *Western Civilization* (3rd ed.), W. W. Norton & Co., 1949.

Hst C 102. **History of Western Civilization.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Hst C 101 to the early nineteenth century.

Texts: Burns, *Western Civilization* (3rd ed.), W. W. Norton & Co., 1949; Stearns, *Pageant of Europe*, Harcourt, Brace & Co., 1948.

Hst C 103. **History of Western Civilization.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Hst C 102 to recent times. Same texts as for Hst C 102.

Hst C 201. **History of the United States.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00

This course and Hst C 202, 203 constitute a general survey of American history from colonial times to the present. The first section deals with the discovery and settlement of North America and the development of the United States to 1850.

Texts: Hicks, *The Federal Union*, Houghton Mifflin Co., 1948; Beard, *The Rise of American Civilization* (one-volume ed.), Macmillan Co., 1935.

**Hst C 202. History of the United States.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Covers the period from 1850 to 1898.

Texts: Hicks, *The Federal Union*, Houghton Mifflin Co., 1948; Beard, *The Rise of American Civilization* (one-volume ed.), Macmillan Co., 1935; Hicks, *The American Nation*, Houghton Mifflin Co., 1949.

**Hst C 203. History of the United States.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Covers the period from 1898 to present.

Texts: Hicks, *The American Nation*, Houghton Mifflin Co., 1949; Beard, *The Rise of American Civilization* (one-volume ed.), 1930.

**Hst C 207. English History.** 3 q.h. 16 a. \$15.00 for Oregon residents; others \$20.00.

This course and Hst C 208 and 209 constitute a general survey, covering political, economic, social, intellectual, and religious developments from earliest times to the present. Hst C 207 ends with the beginning of the seventeenth century.

Texts: Hall and Albion, *A History of England and the British Empire* (2d ed.), Ginn & Co., 1946; Trevelyan, *English Social History*, Longmans, Green & Co., 1942.

**Hst C 208. English History.** 3 q.h. 16 a. \$15.00 for Oregon residents, others, \$20.00.

A continuation of Hst C 207, covering the period from the beginning of the seventeenth century to the close of the Napoleonic War in 1815. Same texts as for Hst C 207.

**Hst C 209. English History.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Hst C 208, covering the period from 1815 to the present. Same texts as for Hst C 207 and 208.

**Hst C 341. History of Modern Europe I.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course and Hst C 342, 343 cover the history of Europe from 1789 to modern times. Section I is concerned with the history of the chief nations of Europe from 1815 to 1870.

Texts: Hall and Davis, *The Course of Europe Since Waterloo* (2d ed.), D. Appleton-Century Co., 1947.

**Hst C 342. History of Modern Europe II.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A study of the international relations of European states and their internal history from 1870 to 1919. Same text as for Hst C 341.

**Hst C 343. History of Modern Europe III.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course is a continuation of Hst C 342 and covers the period from 1919 to the present.

Texts: Hall and Davis, *The Course of Europe Since Waterloo*, D. Appleton-Century Co., 1947; Chambers, Grant, and Bayley, *This Age of Conflict, A Contemporary World History 1914-1943*, Harcourt, Brace & Co., 1943.

- Hst C 377. History of Oregon.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
Detailed study of the building of civilization in the Pacific Northwest. This course meets the state requirement for teachers.  
Texts: Pollard, *Oregon and the Pacific Northwest*, Binfords & Mort, Portland, 1946; Winther, *The Great Northwest*, Alfred A. Knopf, 1950; Oregon Blue Book (latest edition available), which may be secured from the Secretary of State, Salem, Oregon, for 50 cents.
- Hst C 473. American Foreign Relations.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
This course and Hst C 474 constitute a study of the relations of the United States with other powers and the development of American foreign policies.  
Text: Bailey, *A Diplomatic History of the American People* (4th ed.), F. S. Crofts & Co., 1950.
- Hst C 474. American Foreign Relations.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A continuation of Hst C 473. Same text as for Hst C 473.
- Hst C 480. History of Hispanic America.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
This course and Hst C 481, 482 deal with South America and those countries other than the United States that border on the Gulf of Mexico and the Caribbean Sea. Section I covers the colonial period, from about 1500 to 1800 A.D. Prerequisite: Hst C 201, 202, 203 or equivalent preparation in history of the United States.  
Text: Wilgus, *The Development of Hispanic America*, Farrar & Rhinehart, 1947.
- Hst C 481. History of Hispanic America.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A study of the Caribbean area, with special emphasis on the relationship of the United States to this region. Prerequisite: same as for Hst C 480.  
Texts: Wilgus, *The Development of Hispanic America*, Farrar & Rhinehart, 1947; Rippy, *Historical Evolution of Hispanic America* (text ed.), F. S. Crofts & Co., 1945.
- Hst C 482. History of Hispanic America.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A continuation of the study of the Caribbean area with emphasis on the Monroe Doctrine and American imperialism, and on the development of South American republics and their international relations, particularly with the United States, as exemplified by Pan-Americanism, and with the continent of Europe through the medium of Pan-Hispanism. Prerequisite: the same as for Hst C 480. Same texts as for Hst C 481.
- Hst C 491. The Far East in Modern Times.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
The three sections of this sequence cover the history of China and Japan, and to a lesser degree some smaller East Asiatic nations, from the mid-nineteenth century to 1941. The emphasis is on political history and diplomatic relations, although some attention is given to social and cultural developments. The impact of the West, and the interests of occidental powers, particularly the United States, are given special consideration. Section I covers the period just before the opening of China to treaty relations, before 1839, until the end of the Boxer uprising in 1900.

It deals with Japanese and Korean history in the same period, as well as with Russia in Asia.

Text: Vinacke, *History of the Far East in Modern Times* (4th ed.), F. S. Crofts & Co., 1941.

Hst C 492. **The Far East in Modern Times.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This section covers the period from 1900 until 1921 in the foreign relations of China and Japan, Chinese domestic history from 1900 to 1926, and Japanese history to 1931. It also deals with Korean history from 1905 to 1941, and the history of the Philippines from 1898 to 1941. Same text as for Hst C 491.

Hst C 493. **The Far East in Modern Times.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This section covers East Asiatic diplomatic history from the Washington Conference in 1921 to the outbreak of the general Asiatic war in 1941. Emphasis is placed on American policy as well as on Japanese activity on the Asiatic continent. One assignment deals with Russia in the Far East. Same text as for Hst C 491, 492.

### Home Economics

*The following courses are offered under the supervision of the School of Home Economics of Oregon State College.*

CT C 217. **Clothing Selection.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Elective for students in other schools. To develop good taste in dress and to give an appreciation in selection and purchasing of clothing from standpoint of beauty, health, and economy.

Text: Ryan and Phillips, *Clothes for You*, D. Appleton-Century Co., 1947.

FN C 225. **Nutrition.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Nutritive value of foods from the standpoint of newer scientific investigations; selection of an optimal diet for health; present-day problems in nutrition; recent trends in American dietary habits.

Texts: Sherman and Lanford, *Essentials of Nutrition*, Macmillan Co., 1950; Monsch and Harper, *Feeding Babies and Their Families*, John Wiley & Sons, 1943.

HAd C 320. **Child Development.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

An elementary course for college students or for anyone who wishes to become acquainted with the present-day knowledge of the development of the young child. To meet the requirement for major students in the School of Home Economics, this course must be preceded by a course in general psychology.

Texts: Faegre and Anderson, *Child Care and Training* (7th ed.), University of Minnesota Press, 1947; Jersild, *Child Psychology* (3rd ed.), Prentice-Hall, 1947; Spock, Benjamin, *The Pocket Book of Baby and Child Care*, The Pocket Books, Inc., Rockefeller Center, New York, 1950; Zabiske, *Mother and Baby Care in Pictures*, J. B. Lippincott Co., 1946. (This course is being revised. Ask about texts before purchasing.)

CT C 331. **Home Furnishing.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A course for those who wish to buy and use household furnishings to the best advantage. It is concerned with those elements of decoration which must be con-

sidered in the average home rather than with historic periods. Must be preceded by a year of art to meet requirements of majors in the School of Home Economics. May be taken as an elective.

Texts: Lewis, *Decorating the Home*, Macmillan Co., 1947; *Floor Coverings*, Better Buymanship Bulletin No. 10, and *Furniture*, Better Buymanship Bulletin No. 26, Household Finance Corporation, 919 North Michigan Ave., Chicago, 10 cents each.

**HAd C 340. Management in Family Living.** 4 q.h. 22 a. \$20.00 for Oregon residents; others, \$25.00.

Management in relation to goals, resources, practices and problems of family living under conditions of democratic government, industrial production, and market economy.

Texts: Fitzsimmons, *The Management of Family Resources*, W. H. Freeman & Co., 1950; Gross, *Home Management in Theory and Practice*, F. S. Crofts & Co., 1947; Nickell and Muir, *Management in Family Living* (2nd ed.), John Wiley & Sons, Inc., 1950.

**CT C 350. Consumer Buying in Clothing and Textiles.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

An analysis of problems as well as aids in purchasing clothing and textiles from the consumer's point of view. Prerequisites: CT 212, CT 250, Ec 211.

Texts: Coles, *The Consumer Buyer and the Market*, John Wiley & Sons, 1938; Reid, *Consumers and the Market*, F. S. Crofts & Co., 1942.

### Journalism

**J C 111. Elementary Journalism.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course is the first of a three-course sequence designed for beginners in journalism, whether students or newspaper workers. The whole field of journalism is surveyed, with the greatest emphasis on the gathering and writing of news; intended to be of practical aid to anyone lacking experience in newspaper work who may be called upon to help out on the news end of a paper. Also a good foundation for advanced work in journalism.

Text: Wolseley and Campbell, *Exploring Journalism*, Prentice-Hall, 1949.

**J C 112. Elementary Journalism.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of J C 111. Same text.

**J C 113. Elementary Journalism.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of J C 112. Same text.

**J C 421. Articles and Features.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course deals with a type of newspaper and magazine writing other than the straight, factual news story. Under the term "feature" writing are included interpretative articles, explanations, synthetic treatment of a series of events, human interest material, biographies, personal experiences and observations, confessions, informational discussions, criticisms, book reviews, sketches, etc. From the beginning the student will aim at producing articles that can be published.

Text: Bird, *Article Writing and Marketing*, Rinehart & Co., 1948.

J C 422. **Articles and Features.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course is a continuation of J C 421, and includes the handling of pictures, discussion of the law in relation to special features, the final analysis, and the general report on writing done. Same text as for J C 421.

### Latin

Lat C 1, 2, 3. **Beginning Latin and Caesar.** 4 q.h. each. 32 a. each. \$20.00 each for Oregon residents; others, \$25.00 each.

This course begins with the first-year book and closes with the reading of two books on Caesar's *Gallic Wars*.

Texts: Hettich and Maitland, *Latin Fundamentals*, Prentice-Hall; *Caesar's Gallic Wars* (ed. by Gunnison and Harley), Silver Burdett Co.; Allen and Greenough, *New Latin Grammar*, Ginn & Co.

### Library Methods

Eng C 382. **Book Selection and Evaluation.** 3 q.h. 16 a. \$15.00 for Oregon residents, others, \$20.00.

Designed to provide a general survey of the best books and authors, old and new, in various fields of writing, and to assist the student in interpreting and applying principles and standards for judging them. Consideration is given to the best aids in book selection. Practice in book reviewing and annotation.

Texts: Haines, *Living With Books* (latest edition), Columbia University Press; Douglas, *Teacher-Librarian's Handbook* (latest edition), American Library Association; high school teachers will also need *Basic Book Collection for High Schools*, 1950 (with supplements); elementary teachers will need *Books for Elementary Schools*, Oregon State Library, (latest edition and supplements).

Lib C 386. **Cataloging.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Study of the library card catalog and practice in cataloging books for a small library.

Text: Akers, *Simple Library Cataloging* (3d ed.), American Library Association, 1944.

Eng C 388. **Children's Literature.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A survey course intended to give an understanding and appreciation of the best literature for children of all ages; of special interest to parents and to teachers in charge of school libraries.

### Literature

See ENGLISH AND LITERATURE, page 24.

### Mathematics

Mth C 10. **Elements of Algebra.** 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

For students who have had less than one year of elementary algebra. May not be taken for credit after completion of more advanced college courses in mathematics.

Text: Peterson, *Intermediate Algebra for College Students*. Harper & Bros., 1942.

- Mth C 20. Elements of Plane Geometry.** 2 q.h. 12 a. \$10.00 for Oregon residents; others, \$15.00.  
This course and Mth C 21 cover the essentials of plane geometry for students with less than one year of geometry in high school.  
Text: Welchons and Krickenberger, *Plane Geometry* (rev. ed.), Ginn & Co., 1943.
- Mth C 21. Elements of Plane Geometry.** 2 q.h. 12 a. \$10.00 for Oregon residents; others, \$15.00.  
A continuation of Mth C 20. Same text.
- Mth C 22. Elements of Solid Geometry.** 2 q.h. 12 a. \$10.00 for Oregon residents; others, \$15.00.  
Essentials of solid geometry for students who did not have it in high school.  
Text: Welchons and Krickenberger, *Solid Geometry* (rev. ed.), Ginn & Co., 1943.
- Mth C 100. Intermediate Algebra.** 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.  
The course is built about the essential technique of algebra; the functional core of algebra, comprising the formula, equation, and graph; the solution of problems. Prerequisite: one year of high-school algebra.  
Text: Betz, *Algebra for Today, Second course*, Ginn & Co., 1946.
- Mth C 101. Elementary Analysis I.** 4 q.h. 22 a. \$20.00 for Oregon residents; others, \$25.00.  
Section I of a three-section sequence offering a unified treatment of college algebra, plane trigonometry, analytical geometry, and the simpler portions of the differential and integral calculus. Prerequisites: three semesters of high-school algebra or Mth C 100.  
Text: Milne and Davis, *Introductory College Mathematics* (rev. ed.), Ginn & Co., 1935 or 1941.
- Mth C 102. Elementary Analysis II.** 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.  
A continuation of Mth C 101. Same text.
- Mth C 103. Elementary Analysis III.** 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.  
A continuation of Mth C 102. Same text.
- Mth C 105. College Algebra.** 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.  
A standard course in college algebra. The arrangement and classification of the material and the manner of treatment are based upon the function concept. Prerequisite: Mth C 100 or three semesters of high-school algebra.  
Text: Hart, *College Algebra* (3rd ed.), D. C. Heath & Co., 1947.
- Mth C 106. Plane Trigonometry.** 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.  
The standard college course, emphasizing the theory of trigonometric functions as well as their applications in solving triangles. Prerequisites: Mth C 100, Mth C 101 or Mth C 105, and plane geometry.  
Text: Rosenback, Whitman, Moskovitz, *Plane Trigonometry*, with tables, Ginn & Co., 1943.
- Mth C 108. Mathematics of Finance.** 4 q.h. 22 a. \$20.00 for Oregon residents; others, \$25.00.  
Simple and compound interest and discount, annuities, amortization of debts,

sinking funds, bonds, depreciation, elements of life insurance and other topics related to business. A required course in most schools of business administration. Prerequisite: college algebra.

Text: Hart, *The Mathematics of Investment*, with tables (rev. ed.), D. C. Heath & Co., 1946.

**Mth C 111. Introduction to Analysis.** 2 q.h. 17 a. \$15.00 for Oregon residents; others, \$20.00.

A refresher course for those who have had mathematics in high school, with emphasis on algebra.

Text: Lapp, Knight, Reitz, *Review of Mathematics for College Students*, Scott, Foresman & Co., 1942.

**Mth C 112. Introduction to Analysis.** 2 q.h. 18 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Mth C 111, with emphasis on geometry and plane trigonometry. Instruction in the use of logarithms and the slide rule is included.

Text: Same as for Mth C 111; also *Navigation Tables*, War Department Technical Manual, TM 1-208, Aug. 1, 1944; Kells, Kern, Bland, *The Log Duplex Trig Slide Rule* No. 4080, a manual, Keuffel & Esser Co., Keuffel and Esser's Beginner's Slide Rule No. 4058 W. Students preparing for engineering may wish to purchase a better slide rule.

**Mth C 113. Introduction to Analysis (Trigonometry).** 2 q.h. 14 a. \$10.00 for Oregon residents; others, \$15.00.

A brief course in logarithms and computational trigonometry, giving the minimum essential preparation for effective service in the Air Forces and other branches of military service. It is not intended to replace Mth C 106 or Mth C 102 as preparation for further courses in mathematics. Prerequisite: intermediate algebra or its equivalent in high-school algebra. Plane geometry is recommended but not required.

Text: Brink, *Plane Trigonometry, with tables* (rev. ed.) D. Appleton-Century Co., 1940.

**Mth C 200. Analytical Geometry.** 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

Applications of algebra to geometry. A thorough treatment of the straight line, conic sections, and related topics. This course, together with Mth C 105 and Mth C 106, may be substituted for Elementary Analysis. Prerequisites: plane geometry, Mth C 105, and Mth C 106. (In preparation; please contact the General Extension Division for complete information.)

**Mth C 201. Differential and Integral Calculus.** 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

Section I of a three-section sequence designed to lay a thorough foundation for all advanced work in mathematics and its application. Essentially the same course as that given under the same numbers at Oregon State College and the University of Oregon. Prerequisites: Mth C 101, 102, 103 or equivalent.

Text: Granville, Smith, Longley, *Elements of the Differential and Integral Calculus*, Ginn & Co., 1941.

**Mth C 202. Differential and Integral Calculus.** 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

A continuation of Mth C 201. Same text.

- Mth C 203. Differential and Integral Calculus.** 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.  
A continuation of Mth C 202. Same text.
- Mth C 314. Advanced College Algebra.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
An extension of the work in Mth C 105. Prerequisite: one year of college mathematics.  
Text: Hart, *College Algebra* (3rd. ed.), D. C. Heath & Co., 1947.
- Mth C 315. Theory of Equations.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
Methods of solution of algebraic equations and related topics. Prerequisite: Mth C 314, or Mth C 101, 102, 103, or calculus.  
Text: Dickson, *New First Course in the Theory of Equations*, John Wiley & Sons, 1939.
- Mth C 316. Solid Analytical Geometry.** 3 q.h. 17 a. \$15.00 for Oregon residents; others, \$20.00.  
An analytical treatment of curves and surfaces in three-dimensional space. Prerequisite: Mth C 200 and Mth C 201 or Mth C 101, 102, 103.  
Text: Olmstead, *Solid Analytic Geometry*, Appleton-Century Mathematics Series, 1947.
- Mth C 325. Elements of Statistical Methods.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
Tabulation and graphical presentation of statistical data; descriptive statistics, and correlation. Prerequisite: one year of high-school algebra or equivalent.  
Text: Walker, *Elementary Statistical Methods*, Henry Holt & Co., 1949.
- Mth C 326. Elements of Statistical Methods.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
Design of experiments, sampling theory, tests of significance, analysis of variance. This course is a continuation of Mth C 325.  
Text: Lindquist, *Statistical Analysis of Educational Experiments*, Houghton Mifflin Co., 1940.
- Mth C 330. Elements of Navigation.** 3 q.h. 16 a. \$17.00 for Oregon residents; others, \$22.00.  
A study of fundamental principles upon which celestial air and surface navigation are based, including application of the principles to such practical problems as locating positions at sea or in the air. Problems give practice in the use of charts, the nautical and air almanacs, altitude and azimuth tables, altitude curves, and the precomputation of a proposed flight. Prerequisite: elementary algebra and plane geometry.  
Texts: *The American Air Almanac* and *The American Nautical Almanac*, U. S. Naval Observatory; Ageton's Table H. O. 211, *Dead Reckoning Altitude and Azimuth Table* (3rd ed.), U. S. Government Printing Office, 1940; *Tables of Computed Altitude and Azimuth*, H. O. 214, Vol. IV, Latitude 30°-30°, inclusive, Hydrographic Office, Washington, D. C.; Weems and Eberle, *Learning to Navigate*, Pitman Pub. Corp., Chicago, 1943; McKready, *A Beginner's Guide to the Stars*, G. P. Putnam's Sons. Dividers and parallel rulers will also be needed.
- Mth C 421. Differential Equations.** 3 q.h. 20 a. \$15.00 for Oregon residents; others, \$20.00.  
Section I of a two-section sequence designed to give practical instruction in the

solution of ordinary and partial differential equations. A foundation course essential for advanced work in engineering, mathematics, physics, and chemistry.

Text: Murray, *Differential Equations*, Longmans, Green & Co., 1934.

Mth C 422. *Differential Equations*. 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Mth C 421. Same text.

## Modern Languages

### Esperanto

AL C 01. *Esperanto. The World Interlanguage*. No credit. 12 a. \$10.00 for Oregon residents; others, \$15.00.

This introductory course covers the basic principles of Esperanto, which is an auxiliary interlanguage, intended as a second language for all peoples. As it has an international vocabulary, it enables students to understand people and life across language barriers.

Texts: Connor, Connor, Solzbacher, and Kao, *Esperantos: The World Interlanguage*, Beechhurst Press, 296 Broadway, New York 7, N. Y., 1948; Dr. Ferenc Szilagyi, *A Practical Course in Esperanto* (6th ed.), Esperanto, 114 West 16th Street, New York 11, N. Y., 1946.

### French

RL C 1. *First-Year French*. (First term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

Texts: Micks and Longi, *Fundamental French*, Oxford University Press, 1940; Beattie, *A French Reader for Beginners*, Dryden Press, 1949.

RL C 2. *First-Year French*. (Second term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

Same texts as for RL C 1.

RL C 3. *First-Year French*. (Third term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

Texts: Micks and Longi, *Fundamental French*, Oxford University Press, 1940; Beattie, *A French Reader for Beginners*, Dryden Press, 1937; Skinner and Brady, *Vingt Contes Divers*, Dryden Press, 1946.

RL C 4. *Second-Year French*. (First term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

Texts: Pargment, *Trente-Trois Contes et Nouvelles*, Henry Holt & Co., 1929; Barton and Surich, *Simplified French Review Grammar and Composition*, Crofts & Co., 1941.

RL C 5. *Second-Year French*. (Second term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

Texts: Barton and Sirich, *Simplified French Review Grammar and Composition*, Crofts & Co., 1941; Pierre Loti, *Pecheur d'Islande*, Henry Holt & Co., 1930.

RL C 6. *Second-Year French*. (Third term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

Texts: Barton and Sirich, *Simplified French Review Grammar and Composition*, Crofts & Co., 1941; Alfred de Musset, *Les Trois Comedies*, D. C. Heath & Co.

**RL C 311. French Literature.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00. Section 1 of a three-section sequence in third-year French. Reading of masterpieces of various periods; a general review of French literature. Not open to students who have had RL 201, 202, 203 in residence. Prerequisite: 2 years of college French.

Texts: Lanson and Tuffrau, *Manuel d'Historie de la Litterature Francaise*, Heath & Co., 1938; and *Nouvelle Anthologie Francaise* (ed. by Schinz, Robert and Giroud), Harcourt, Brace & Co., 1950.

**RL C 312. French Literature.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00. A continuation of RL C 311. Same texts.

**RL C 313. French Literature.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00. A continuation of RL C 312. Same texts.

### **German**

**GL C 1. First-Year German.** (First term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

This course and GL C 2 and 3 provide a thorough grammatical foundation and an elementary reading knowledge of German. The three courses or their equivalent must be taken in sequence. GL C 1 covers the first 18 chapters of the text.

Text: Chiles and Wiehr, *First Book in German* (rev. ed.), Ginn & Co., 1948.

**GL C 2. First-Year German.** (Second term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

A continuation of GL C 1, covering the last 15 chapters of the text and a reader. Texts: Chiles and Wiehr, *First Book in German* (rev. ed.), Ginn & Co., 1948; Wiens, *Bilderlesebuch für Anfänger* (1942 ed.), Henry Holt & Co.

**GL C 3. First-Year German.** (Third term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

A continuation of GL C 2. It also includes a review of all the basic principles of German grammar and may thus be used as a review of first-year German by those who have had no contact with the language for some time.

Texts: Roseler, *German in Review*, Henry Holt & Co., 1948; Appelt and Funke, *Modern German Prose*, D. C. Heath & Co., 1936.

**GL C 4. Second-Year German.** (First term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

This course and GL C 5 and 6 are a three-term sequence covering the second year of college German. They include a review of grammar and composition and the reading of modern German authors. Prerequisite: the satisfactory completion of GL C 1, 2, 3 or equivalent knowledge of German.

Texts: Werfel, *Jacobowsky und der Oberst*, F. S. Crofts & Co., 1947; Mann, *Ein Tag aus dem Schulleben Hanno Buddenbrooks*, Henry Holt & Co., 1948; Cochran, *A Practical German Review Grammar*, Prentice-Hall, 1947.

**GL C 5. Second-Year German.** (Second term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

A continuation of GL C 4, with emphasis on reading ability for both content and translation.

Texts: van Eerden and Ulmer, *Deutsche Novellen*, Henry Holt & Co., 1948; Cochran, *A Practical German Review Grammar*, Prentice-Hall, 1947.

**GL C 6. Second-Year German.** (Third term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

A continuation of GL C 5, with emphasis upon reading ability. Also, a simple compositional style will be developed.

Texts: Goethe, *Egmont* (ed. by Max Winkler), Ginn & Co., 1948; Schiller, *Wilhelm Tell* (ed. by Bert Jon Vos), Ginn & Co., 1943; Cochran, *A Practical German Review Grammar*, Prentice-Hall, 1947.

### Spanish

*The following courses are intended for students whose chief concern is to acquire a reading knowledge of Spanish. These courses are in preparation; please contact the General Extension Division for complete information.*

RL C 11. **First-Year Spanish.** (First term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

RL C 12. **First-Year Spanish.** (Second term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

RL C 13. **First-Year Spanish.** (Third term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

RL C 14. **Second-Year Spanish.** (First term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

RL C 15. **Second-Year Spanish.** (Second term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

RL C 16. **Second-Year Spanish.** (Third term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

*The following courses in First-Year Spanish are for students who wish to acquire a speaking as well as a reading knowledge of the language. Much attention is given to correct pronunciation. Two phonograph records on pronunciation have been prepared to supplement the lessons. Price of the records is not included in the fee.*

RL C 11k. **First-Year Spanish.** (First term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

Text: Keniston, *Learning Spanish*, Henry Holt & Co., 1941.

RL C 12k. **First-Year Spanish.** (Second term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

Texts: Keniston, *Learning Spanish*, Henry Holt & Co., 1941; Keniston, *Reading Spanish*, Henry Holt & Co., 1940.

RL C 13k. **First-Year Spanish.** (Third term.) 4 q.h. 24 a. \$20.00 for Oregon residents; others, \$25.00.

Texts: Keniston, *Learning Spanish*, Henry Holt & Co., 1941; Keniston, *Reading Spanish*, Henry Holt & Co., 1940; Keniston, *A Standard List of Spanish Words and Idioms*.

### Physics

\*Ph C 201. **General Physics.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course and Ph C 202 and 203 cover the equivalent of classwork in first-year

\* For Ph C 201, 202, 203. 1 additional term hour of credit, a total of 3 term hours may be earned by the completion of laboratory work in residence at the University of Oregon during summer session or during a regular school year. Arrangements for the laboratory work should be made in advance through the General Extension Division.

college physics. Ph C 201 is a study of mechanics and properties of matter. Prerequisite: mathematics equivalent to Mth C 105 and Mth C 106 or equivalent preparation.

Text: Foley's *College Physics* (revised by J. L. Glathart, 4th ed.), Blakiston Co., 1947.

- \*Ph C 202. **General Physics.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A continuation of Ph C 201, covering sound, heat, and approximately one-half of the material on magnetism and electricity. Same text as for Ph C 201.
- \*Ph C 203. **General Physics.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.  
A continuation of Ph C 202, completing the work on electricity and covering light and modern physics, including the quantum theory and atomic structure; X-rays and radioactivity; an introduction to nuclear physics and atomic energy. Same text as for Ph C 201 and 202.

*The following courses are in preparation. Contact the General Extension Division for complete information. Until they are ready, enrollments will be accepted in Ph C 360 Meteorology, Ph C 462 Advanced Meteorology, and Ph C 463 Advanced Meteorology II.*

Ph C 490. **Basic Meteorology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

An introduction to the science of meteorology dealing with the physical processes underlying observed weather phenomena. Designed for persons who wish to study the subject for general information and enjoyment and for those interested in preparing themselves for the civil-service examinations for the lower ranks in the service of the U. S. Weather Bureau. Students interested particularly in aviation meteorology are referred to Aviation CAC 312-313. Prerequisites: elementary algebra, plane geometry, and elementary physics.

Texts: Blair, *Weather Elements* (rev. ed.) Prentice-Hall, 1948; *Manual of Cloud Forms and Code for States of the Sky*, Circular S, 2nd ed., 1949. U.S. Weather Bureau Bulletin No. 1249, Washington 25, D.C.; *Educational Series* (Collection of eight publications, charts, and maps by U.S. Weather Bureau) Catalog No. C 30.2: Ed 8, Superintendent of Documents, Washington 25, D.C.

Ph C 491. **Physical Meteorology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A course primarily for persons engaged in weather work as well as for those seeking professional opportunities in meteorology. It is designed to give a fundamental understanding of the physical processes of the atmosphere and of the various techniques employed by the weather analyst and forecaster. The theory is developed for the general gas law, humidity measurements, atmospheric pressure and height, adiabatic processes, thermodynamic diagrams, gradient wind, thermal wind, and slope of frontal surfaces. Practical problems are used to illustrate applications of the theory. Prerequisites: Ph C 490 or equivalent work in meteorology, college physics, algebra, elementary trigonometry, and some familiarity with the notation of calculus.

Text: Byers, *General Meteorology*, 1944.

Ph C 492. **Weather Analysis and Forecasting.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A study of the meteorological factors which must be considered by the forecaster in preparing a forecast. Included are the topics: air-masses; atmospheric stability; development of the wave cyclone; frontal structure; analysis of surface

---

\* For Ph C 201, 202, 203. 1 additional term hour of credit, a total of 3 term hours may be earned by the completion of laboratory work in residence at the University of Oregon during summer session or during a regular school year. Arrangements for the laboratory work should be made in advance through the General Extension Division.

and upper level weather charts; the tools of the forecaster; preparation and verification of sample forecasts. Prerequisites: Ph C 491 or the equivalent thereof.

Texts: Byers, *General Meteorology*, 1944; Pulk and Murphy, *Workbook for Weather Forecasting*; Circular S, 2nd ed., 1949, U.S.W.B. Bul. No. 1249, Superintendent of Documents, Washington 25, D.C.

### Physiology

Z C 250. **Elementary Physiology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

For description, see page 46.

### Political Science

PS C 1 X. **Preparation for Citizenship.** No credit. 21 a. \$3.50.

The purpose of this course is to assist candidates for naturalization who cannot attend regularly organized classes to prepare for their citizenship examination. It is planned for those who have a fair knowledge of English.

Text: Federal Textbook on Citizenship, *Our Constitution and Government* (simplified ed.); the text is sent with the lesson outlines.

PS C 201. **American National Government.** 4 q.h. 22 a. \$20.00 for Oregon residents; others, \$25.00.

The national government, with special attention to practical operation and contemporary reforms.

\*Texts: Beard, *American Government and Politics* (8th ed.), Macmillan Co., 1939; Rankin, *Readings in American Government*, D. Appleton-Century Co., 1939.

PS C 201. **American Governments.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

National government. (In preparation; please contact the General Extension Division for complete information.)

PS C 202. **American Governments.** 3q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of PS C 201. (In preparation; please contact the General Extension Division for complete information.)

PS C 203. **American Governments.** 3 q.h. 18 a. \$15.00 for Oregon residents; others, \$20.00.

State and local governments.

Texts: Macdonald, *American State Government and Administration*, Thomas Y. Crowell Company, 1950; Christensen and Kirkpatrick, *The People, Politics, and the Politicians*, Henry Holt and Co., 1950; *Oregon Blue Book*, Secretary of State, Salem, Oregon.

### Psychology

Psy C 201. **General Psychology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course is the first of a three-course sequence in psychology. The first two

\* Arrangements may be made to borrow these texts from the University of Oregon Library or from the State Library in Salem. Copies are not available otherwise.

courses cover the principles of psychology; the third is the psychology of adjustment. The three together constitute the first-year work in psychology and provide students with a scientific basis for understanding their own behavior and that of others.

Texts: Munn, *Psychology: The Fundamentals of Human Adjustment*, Houghton Mifflin Co., 1946; Munn, *Students' Manual to accompany Psychology*; and Valentine, *Experimental Foundations of General Psychology* (3rd ed.), Farrar and Wickens, 1949.

Psy C 202. **General Psychology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Psy C 201. Same texts.

Psy C 203. **General Psychology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

In this course the principles of psychology are applied to problems of personal adjustment which arise out of the complexities of modern social life.

Text: Shaffer, *Psychology of Adjustment*, Houghton Mifflin Co., 1936.

Psy C 411. **Genetic Psychology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A study of growth of behavior during infancy, childhood, and adolescence, and an analysis of the decline of abilities with maturity and senescence. The development and decline of perception, emotion, intelligence, motor skill, language, and social behavior receive special attention. Prerequisite: Psy C 201, 202. (In preparation; please contact the General Extension Division for complete information.)

Psy C 413. **Abnormal and Borderline Psychology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A study of different forms of abnormal behavior, with emphasis on their causes. Modern methods of psychotherapy are explained and discussed. Prerequisite: Psy C 201, 202 or any good course in general psychology.

Text: Maslow and Mittlemann, *Principles of Abnormal Psychology: The Dynamics of Psychic Illness*, Harper & Bros., 1941.

### Secretarial Science\*

SS C 111. **Stenography (Gregg).** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course and SS C 112, 113 cover the entire theory of Gregg shorthand. If the student does the practice suggested in the assignments throughout these three courses, at their completion he should be able to take dictation at a fair rate of speed. Letters for dictation are included in the last course. These three courses may be taken independently, but they must be taken in their proper sequence.

Texts: Frick and Vietti, *Talk and Take Gregg Shorthand*, Oregon State College Cooperative Association, Corvallis, Ore., 1945; Beers and Scott, *Fundamental Drills in Gregg Shorthand*, Gregg Pub., 1932.

SS C 111. **Stenography (Thomas).** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

The theory of Thomas shorthand covered, with practical applications of theory principles in sentence and letter dictation. For beginners only.

\* See also Business Administration, page 19.

Text: Frick, Vietti, Thomas, *Talk and Take Thomas Natural Shorthand* (2nd ed.), Prentice-Hall, 1944; Thomas, *Thomas Natural Shorthand* (2nd ed.), Prentice-Hall, 1942.

SS C 112. **Stenography (Gregg)**. 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of SS C 111. Same texts.

SS C 113. **Stenography (Gregg)**. 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of SS C 112. Same texts.

SS C 111. **Stenography (Simplified Gregg)**. 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

This course and the sequence courses SS C 112 and 113 use the Simplified Gregg theory.

Texts: Gregg, Leslie, and Zoubeck, *Gregg Shorthand Manual Simplified*, McGraw-Hill Book Co.; Gregg, Leslie, and Zoubeck, *Most Used Shorthand Words and Phrases*, McGraw-Hill Book Co.; Young, *Directed Homework in Gregg Shorthand* (Simplified ed.), McGraw-Hill Book Co.

SS C 112. **Stenography (Simplified Gregg)**. 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of SS C 111. Same texts.

SS C 113. **Stenography (Simplified Gregg)**. 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of SS C 112. Same texts.

SS C 121. **Typing**. 2 q.h. 12 a. \$10.00 for Oregon residents; others, \$15.00.

This course and SS C 122, 123 cover the theory and practice of touch typing. The keyboard, speed and accuracy drills, introduction to business letters. Students who have had one year of typing in high school may not take SS C 121 for credit.

Text: Lessenberry, *College Typewriting*, with personal problems (4th ed.), Southwestern Pub. Co., 1947.

SS C 122. **Typing**. 2 q.h. 12 a. \$10.00 for Oregon residents; others, \$15.00.

A continuation of SS C 121. More work on letters, speed emphasis, improvement of stroking skill, tabulating, and manuscript typing.

Text: Lessenberry, *College Typewriting*, with personal problems (4th ed.), South-Western Pub. Co., 1947, and Workbooks I and II.

SS C 123. **Typing**. 2 q.h. 12 a. \$10.00 for Oregon residents; others, \$15.00.

A continuation of SS C 122. Office forms, legal documents, application letters, personal typewriting.

Text: Lessenberry, *College Typewriting*, with personal problems (4th ed.), South-Western Pub. Co., 1947, and Workbook III.

SS C 313. **Office Organization and Management**. 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A study of the field of management as it pertains to the office and its activities in relation to other phases of the business. Instruction begins with the development of elementary office routines, and progresses to more complicated problems of planning and layouts, and the selection and training of office personnel. Considerable emphasis is placed upon office management in relation to small or moderate-size offices. Provides practical training for both office worker and office manager

or supervisor. This course may not be substituted for the five-hour course. SS 313 required of majors in secretarial science.

Text: McDonald, *Office Management* (3rd ed.), Prentice-Hall, 1947.

### Sociology

Soc C 204. **General Sociology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

Analysis of social organization and culture; social changes and movements as affected by culture and by biological and physical environmental factors. This course and Soc C 205, or their equivalent, are prerequisite to advanced courses in sociology.

Texts: Ogburn and Nimkoff, *Sociology*, Houghton Mifflin Co., 1950; Wilson, Logan, and Kolb, *Sociological Analysis*, Harcourt, Brace, & Co., 1950.

Soc C 205. **General Sociology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Soc C 204. Same texts.

Soc C 206. **General Sociology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Soc C 204 and 205. In preparation, please consult the General Extension Division for complete information.

Soc C 415. **Criminology.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

An analysis of the nature of the phenomenon of crime, with specific reference to the causative factors involved, and criticism of present attitudes toward crime and the criminal. Prerequisite: Soc C 204, 205, or Soc C 211, or equivalent.

Texts: Sutherland, *Principles of Criminology* (3rd rev. ed.), J. B. Lippincott Co., 1947; Gilin, *Criminology* (3rd ed.), D. Appleton-Century Co., 1947. Other books required may be borrowed from libraries.

Soc C 338. **Matrimonial Institutions.** 3 q.h. 16 a. \$15.00 for Oregon residents; others, \$20.00.

A course designed to give the student an understanding of the institution of marriage and the family, with emphasis upon the functions of the family in modern social life. Prerequisite: Soc C 204, 205, or Soc C 211, or equivalent.

Text: Nimkoff, *Marriage and the Family*, Houghton Mifflin Co., 1950.

### Zoology

Z C 150. **Bird Study.** 3 q.h. 19 a. \$16.50 for Oregon residents; others, \$21.50.

A combined reading and laboratory course, emphasizing interesting facts connected with the biology of birds, their characteristics and habits.

Text: Included in the course outline, but at least one good book on western birds will be needed for identification purposes.

Z C 250. **Elementary Physiology.** 3 q.h. 16 a. \$16.00 for Oregon residents; others, \$21.00.

An introduction to human physiology with special emphasis on the normal functions of the various organs of the body.

Text: Carlson and Johnson, *The Machinery of the Body* (3rd ed.), University of Chicago Press, 1948.

# High-School Courses

*These courses are offered in cooperation with the office of the state superintendent of public instruction, and when approved by the high-school principal, may be applied for credit toward graduation. The student should confer with the high-school principal before registering so that proper course selection may be made.*

The courses may also be used by students beyond high-school age who wish to clear college entrance deficiencies.

College credit will not be given for any of the high-school courses listed below, but college entrance credit will be granted for the satisfactory completion of any of them.

A unit, when applied to high-school credit, means the equivalent of five recitations per week of not less than forty minutes each, in one branch of study, for the school year of not less than thirty-six weeks.

Numbers following the title of a course indicate: (1) unit (u.) of high-school or college entrance credit; (2) number of assignments (a.); (3) the fee.

*High-school seniors who expect to use any of these courses for graduation credit should enroll at least ninety days before they expect to graduate.*

## Business

**BA C 1 E. Introduction to Accounting.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

The aim of this course is to give the student instruction in practical methods of bookkeeping and information concerning the principles underlying all accounting records. It includes a study of business relationships as affecting the accounting records, recording of transactions in the more simple forms of books of original entry, posting to ledgers, and preparation of financial statements.

Texts: Carlson, Forkner, Prickett, *20th Century Bookkeeping and Accounting* (19th ed.), South-Western Pub. Co., 1947; work book for use with *20th Century Bookkeeping and Accounting* (Stock No. B 411); R. L. Dean Practice Set *without* business papers (Stock No. B 414).

**BA C 2 E. Introduction to Accounting.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of BA C 1 E.

Texts: Carlson, Forkner, Prickett, *20th Century Bookkeeping and Accounting* (19th ed.), South-Western Pub. Co., 1947; work book for use with *20th Century Bookkeeping and Accounting*, begins with Chapter 17 (Stock No. B 451); Curry and Todd Practice Set *without* business papers.

**Eng C 14 E. Elementary Commercial English.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course covers practical grammar review, use of the dictionary, vocabulary-building exercises, correction of errors in usage, principles of effective writing, with attention to punctuation and some fundamentals of public speaking.

Texts: Hagar, Wilson, Hutchinson, Blanchard, *The English of Business*, and *The English of Business Work Book* by the same authors, Gregg Pub. Co., 1935.

### Drawing

**Mech D C 1 E. Mechanical Drawing.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This is the first semester of a course for students who are beginning the study of mechanical drawing. It includes tool care and use; view shape; simple dimensions; circles; angles; parts of circles; ellipses; sections; shape descriptions; working drawings; graphs, charts, maps, and tracings; lettering.

Text: French and Svenson, *Mechanical Drawing*, McGraw-Hill, 1948. A supplementary text is required and may be selected from a list furnished by the General Extension Division.

**Mech D C 2 E. Mechanical Drawing II.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

Continuation of Mech D C 1 E. Includes working drawing sections; auxiliary views; revolutions; threads, bolts, and nuts; assembly and detail drawings; pictorial drawings; inking and tracing; development of sheet-metal drawing; lettering. Prerequisite: Mech D C 1 E or equivalent. Same text as for Mech D C 1 E.

### English

**Eng C 1 E. Ninth-Grade English I.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course is the first semester of English and includes work in grammar and literature.

Text: Tressler, *English in Action*, Course I (3rd ed.), D. C. Heath & Co., 1940.

**Eng C 2 E. Ninth-Grade English II.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This is a continuation of Eng C 1 E and covers the second semester of English. Texts: Cross, Smith, Stauffer, Collette, *Good Reading*, Vol. I, *Adventure* (rev. ed.), Ginn & Co., 1938.

**Eng C 3 E. Tenth-Grade English III.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course covers the first semester of second-year high-school English.

Text: Tressler, *English in Action*, Book I (3rd ed.), D. C. Heath & Co., 1940. Access to a good dictionary is also necessary.

**Eng C 4 E. Tenth-Grade English IV.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Eng C 3 E, covering the second semester of tenth-grade English.

Texts: Cross, Smith, Stauffer, Collette, *Good Reading for High Schools*, Vol. II, *Achievement* (rev. ed.), Ginn & Co., 1938.

**Eng C 5 E. Eleventh-Grade English V.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course is the first semester of junior English. Its purpose is to develop the ability of the student to write effectively through practice in composition and to guide him in the study of American literature, especially fiction.

Texts: Tressler, *English in Action*, Course III (4th ed.), D. C. Heath & Co., 1945;

Inglis, Bowman, Gehlman, Schramm, *Adventures in American Literature* (4th ed.), Harcourt, Brace & Co., 1947.

**Eng C 6 E. Eleventh-Grade English VI.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Eng C 5 E, covering the second semester of eleventh-grade English. Reading will be from representative American writers in the essay, biography, poetry, drama, folk literature, and humor.

Texts: Tressler, *English in Action*, Course III (4th ed.), D. C. Heath & Co., 1945; Inglis, Bowman, Gehlman, Schramm, *Adventures in American Literature* (4th ed.), Harcourt, Brace & Co., 1947.

**Eng C 7 E. Twelfth-Grade English VII.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

The first semester of senior English. It includes five units of work on English literature from Anglo-Saxon times through the eighteenth century and a careful survey of grammar and grammatical principles.

Texts: Tressler, *English in Action*, Course III and Course IV (4th ed.), D. C. Heath & Co., 1945; Inglis, Cooper, Oppenheimer, Benét, *Adventures in English Literature* (4th ed.), Harcourt, Brace & Co., 1946.

**Eng C 8 E. Twelfth-Grade English VIII.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course is the second semester of senior English, and includes four units of work on the development of English life as reflected through its literature from the romantic period through the twentieth century. Special attention is also given to grammar and composition.

Texts: Tressler, *English in Action*, Course IV (4th ed.), D. C. Heath & Co., 1945; Inglis, Cooper, Oppenheimer, Benét, *Adventures in English Literature*, Harcourt, Brace & Co., 1946.

**Eng C 9 E. Entrance English Composition.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course is planned to give the student drill on the mechanics of writing and some experience in organizing his ideas and putting them before a reader. Each lesson requires from the student some piece of writing and generally the completion of an exercise in grammar, usage, or punctuation. Especially for high-school seniors.

Text: Smith, *Learning to Write*, Little, Brown & Co., 1943. A high-school or collegiate dictionary is desirable.

**Eng C 10 E. Entrance English Composition.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Eng C 9 E. Same text.

**Eng C 13 E. Grammar, Punctuation, and Usage Review.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

Intended to give the student a review of all facts and principles of grammar that have practical application in relation to punctuation and good usage. Practice is followed by objective mastery tests, which leave no doubt as to the student's achievement.

Text: Tressler, *Grammar in Action* (rev. ed.), D. C. Heath & Co., 1938.

**Eng C 14 E. Elementary Commercial English.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

For description of this course, see page 48.

### Latin

**Lat C 1 E. Beginning Latin, Sec. I.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course and Lat C 1 E, Sec. II, are the equivalent of the regular high-school course in first-year Latin. Their purpose is to help students learn to understand the structure of the Latin and English languages, their similarities and differences; to know common Latin words and phrases used in English; to analyze words and appreciate distinctions of meaning; to appreciate the great contributions of the Romans toward world civilization; and to recognize the influence of Greece and Rome in many phases of our daily lives.

Text: Ullman and Henry, *Latin for Americans, First Book*, Macmillan Co., 1949.

**Lat C 1 E. Beginning Latin, Sec. II.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Lat C 1 E, Sec I, and equivalent to the second semester of first-year Latin in high school. Same text as in the preceding course.

**Lat C 2 E. Second-Year Latin. (First semester.)**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course and the one following are the equivalent of second-year Latin in high school. The purpose of the study of Latin as stated for the first year is continued through the second year.

Text: Ullman and Henry, *Latin for Americans, Second Book*, Macmillan Co., 1946.

**Lat C 2 E. Second-Year Latin. (Second semester.)**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

Continues the preceding course and includes portions of Caesar's *Gallic Wars*. Same text.

### Mathematics

**Mth C 1 E. Elementary Algebra, A1.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course and A2 correspond to the two semesters' work in this subject offered in standard high schools. A1 covers pages 1-234 of the text.

Text: Betz, *Everyday Algebra, Elementary Course*, Ginn & Co., 1946.

**Mth C 2 E. Elementary Algebra, A2.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of A1, covering the remainder of the text. Same text as for A1.

**Mth C 3 E. Intermediate Algebra.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This is an intermediate course between Elementary Algebra, A2, and College Algebra. It covers the work done in the third semester of high-school algebra.

Text: Betz, *Algebra for Today, Second Course*, Ginn & Co., 1946.

**Mth C 4 E. Plane Geometry, G1.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

The two courses in plane geometry and the one in solid geometry (G1, G2, G3) correspond to the three semesters' work in this subject offered in standard high schools.

Text: Welchons and Krickenberg, *Plane Geometry* (rev. ed.), Ginn & Co., 1943.

Mth C 5 E. **Plane Geometry, G2.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

Same text as for G1.

Mth C 6 E. **Solid Geometry, G3.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course follows directly after Plane Geometry, G2. Students who expect to specialize in mathematics, science, engineering, and architecture should take this course.

Text: Welchons and Krickenberger, *Solid Geometry*, Ginn & Co., 1943.

Mth C 7 E. **Elementary Trigonometry.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

Students taking this course should have completed one year of high-school algebra and one year of high-school geometry.

Text: Seymour and Smith, *Plane and Spherical Trigonometry*, The Macmillan Company, 1945.

Mth C 8 E. **Arithmetic.**  $\frac{1}{2}$  u. 22 a. \$15.00 for Oregon residents; others, \$20.00.

For high-school students or adults who feel they need further study in the practical everyday problems in arithmetic. First lessons of the course deal with basic processes of arithmetic; later lessons include practical application in consumer mathematics.

Text: Bartoo and Osborn, *Home and Job Mathematics*, Webster Pub. Co., 1943.

## Science

Bi C 1 E. **Biology I.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course and Bi C 2 E cover the fundamental principles in plant and animal life, with special emphasis on human and everyday biology. Field work and laboratory exercises supplement the text work. Current reference material is used. A magnifying glass or access to a microscope is required.

Text: Smith, *Exploring Biology*, Harcourt, Brace & Co., 1949.

Bi C 2 E. **Biology II.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

A continuation of Bi C 1 E, the second semester's work in biology. Same text.

Ph C 1 E. **Physics I.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

The first semester of a year course in physics.

Texts: Dull, *Modern Physics*, Henry Holt & Co., 1945; Dull, *Laboratory Exercises in Physics*, Henry Holt & Co., 1947; Millikan, Gale, Coyle, *New Elementary Physics*, Ginn & Co., 1944.

Ph C 2 E. **Physics II.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

The second semester in physics; follows immediately after Ph C 1 E. Same text.

## Social Studies

Hst C 3 E. **World History I.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.

This course and Hst C 4 E are designed to give students a knowledge of the background of history. This section deals with world history from the time of primitive man to the French Revolution.

Texts: Hughes, *The Making of Today's World*, Allyn & Bacon, 1948; Pahlow, *Man's Great Adventure* (rev. ed.), Ginn & Co., 1949.

- Hst C 4 E. World History II.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.  
A continuation of Hst C 3 E, reviewing briefly world history from the French Revolution to the present. Same texts.
- Hst C 5 E. American History I.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.  
This course and Hst C 6 E aim to give the student an understanding of the beginnings and growth of the United States. The first semester covers American history from its beginnings to the close of the reconstruction period following the Civil War.  
Texts: Wirth, *The Development of America*, American Book Co., 1950; and Wirth, *Workbook for the Development of America* (1947 ed.), American Book Co.
- Hst C 6 E. American History II.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.  
A continuation of Hst. C 5 E. The second semester covers the period in American history from the close of the reconstruction aftermath of the Civil War to the end of World War II. Same texts as for Hst C 5 E.
- Prb C 7 E. American Problems I.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.  
American Problems I and II fulfill the twelfth-grade requirement in social studies. By integrating problems of social, economic, and political significance ranging in scope from problems of personal and community interest to those of national and world-wide importance, the course covers a wide area of topics that are fundamental to the information and understanding of an alert American citizen. In dealing with these a genuine problem study approach is taken.  
Texts: Blaich and Baumgartner. *The Challenge of Democracy* (rev. ed.), Harper and Bros., 1947; Sorenson and Malm, *Psychology for Living*, McGraw-Hill, 1948.
- Prb C 8 E. American Problems II.**  $\frac{1}{2}$  u. 24 a. \$15.00 for Oregon residents; others, \$20.00.  
This course constitutes the second semester's work in American Problems, and uses the same texts and general method as American Problems I.

### Spanish

- Sp C 1 E. First-Year High-School Spanish.** (First semester.)  $\frac{1}{2}$  u. 25 a. \$15.00 for Oregon residents; others, \$20.00.  
For students who are beginning the study of Spanish. This course covers lessons 1 to 25 in the text.  
Text: Pittaro and Green, *Primer Curso de Español*, D. C. Heath & Co., 1938.
- Sp C 2 E. First-Year High School Spanish.** (Second semester.)  $\frac{1}{2}$  u. 25 a. \$15.00 for Oregon residents; others, \$20.00.  
A continuation of Sp C 1 E, covering lessons 26 to 50 in the text.  
Text: Pittaro and Green, *Primer Curso de Español*, D. C. Heath & Co., 1938.

## ***Combined Evening Classes and Correspondence Study***

Classes that combine direct methods of instruction with the correspondence method will be organized whenever there is a sufficiently large group desiring such instruction, and the necessary arrangements can be made by the General Extension Division to provide an instructor.

**REQUIREMENTS.** Usually a class cannot be organized when the initial membership is less than twenty. A group wishing to organize should decide upon the course of study it wishes to pursue, with an alternative course in case an instructor for the first cannot be obtained. The group should put some responsible person in charge of all necessary arrangements, such as room, membership, publicity, and any other problems that arise in connection with the organization of a class. A reasonable degree of permanency in class membership will be expected by the General Extension Division, since satisfactory work cannot be done when the personnel of the group is constantly changing.

Either credit or noncredit courses will be given to classes meeting regularly and following a definite course of study under the direction of an instructor provided by the General Extension Division.

**APPLICATIONS.** Applications for extension classes outside of Portland should be made to the General Extension Division, Oregon State System of Higher Education, Eugene, Oregon. Applications for classes in or near Portland should be made to the Portland office of the General Extension Division, 207 Education Center Bldg., 220 S. W. Alder St., Portland 4.

### **Study Courses for Clubs**

The General Extension Division invites women's clubs, teachers' study clubs, granges, and other groups of persons whose common interest in some subject makes group study desirable to use correspondence courses as study outlines. The careful organization of the course outlines, the many references for supplementary reading, and the lesson questions, which are well adapted to group discussion, make many of the correspondence courses excellent aids to group study.

Groups wishing to use a course outline in this manner may enroll as a group in the name of the secretary or leader of the group and pay only one registration fee. Such registration entitles the group to one complete set of the lesson outlines and the privilege of submitting one written report on each lesson. Such a report should represent the conclusions of the group as determined by general discussion of the members. Members of the group who wish to secure credit for their work may enroll individually, submit their own reports on each assignment, and fulfill all other requirements of the course. Such members should find the group discussions of special value and interest in connection with their work.

Questions concerning this group-study plan should be addressed to the Office of Correspondence Study, General Extension Division, Eugene.

# Enrollment in General Extension Division

July 1, 1949—June 30, 1950

EXTENSION CLASSES (City)	Undergraduates		Graduates		Auditors		Noncredit		Total		
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
Portland Center	1,614	2,504	338	303	641	297	566	128	237	2,377	3,482
Vancouver Center	1,951	366	2,317							1,951	366
STATE-WIDE CLASSES											
Albany	9	93	102	10	17	27	5	5		19	115
Ashland	5	10	15				4	5		6	14
Astoria	12	74	86	11	16	27	1	2		24	91
Baker	5	35	40	6	7	13				11	42
Bandon	1	10	11	5	7	12				6	17
Bend	18	61	79				13	26		31	74
Bend C.C.*	67	44	111				1	1		67	45
Bonerville	12	4	16				7	17		19	14
Canby	2	28	30				1	1		3	28
Central Point	5	36	41				13	23		18	51
Cocoa Bay	6	99	105	2	5	7		6		8	110
Coquille	8	64	72				1	8		9	72
Corvallis	55	154	209	29	22	51	20	30	50	104	206
Cottage Grove	3	30	33	1	5	6	1	1		4	36
Dallas	2	15	17	9	8	17				11	23
Enterprise	11	42	53							11	23
Estacada	3	29	32	6	6	12				9	35
Eugene	184	311	495	41	86	127	65	58	123	422	599
Florence	2	21	23				1	2		3	23
Forest Grove	9	25	34	22	13	35		3		31	38
Grants Pass	27	91	118	7	5	12	2	2		34	98
Halsey	3	16	19							3	16
Harrisburg	2	23	25				1	1		2	24
Hermiston	13	56	69							13	56
Hillsboro	95	324	419	2	1	3	14	8	22	111	333
Hood River	14	68	82	13	7	20	2	21	23	29	96
John Day	2	5	7							2	5
Klamath Falls	63	216	279	18	12	30	35	66	101	141	317
Klamath Falls C.C.*	67	102	169				9	12	21	76	114
La Grande	2	4	6	34	14	48		1	1	36	19
Lake Grove	2	18	20							2	18
Lakeview	2	13	15							2	13
Lebanon	9	78	87	7	11	18	1	1	2	17	90
Lyons	3	14	17				1	1		3	15
Madras		13	13								13
McMinaville	20	89	109	3	3	6	1	2	3	24	94
McNary	24	10	34				7	1	8	31	42
Medford	26	84	110	7	6	13	3	7	10	36	97
Milton	5	13	18				1	2	3	6	15

\* Community College.



## ***Publications of the General Extension Division***

The General Extension Division issues the following publications, copies of which will be mailed upon request:

### **CORRESPONDENCE STUDY BULLETIN**

Persons desiring to register for correspondence courses should write for the latest catalog to General Extension Division, Oregon State System of Higher Education, Eugene, Oregon.

### **BULLETIN OF VISUAL-INSTRUCTION AIDS**

Lists a large number of 16 mm. and 35 mm. silent and sound films and both glass and film slides, together with service or rental fees. It may be secured by addressing Department of Visual Instruction, Oregon State System of Higher Education, Corvallis, Oregon.

### **BULLETIN OF PORTLAND EXTENSION CENTER**

Lists the courses offered at the Portland Center during the regular collegiate year. Write to Portland Extension Center, 207 Education Center Building, 220 S. W. Alder Street, Portland 4, Oregon.

### **TEACHER'S BROADCAST GUIDE, SCHOOL OF THE AIR, KOAC**

An aid to teachers whose classes listen to the School of the Air program. Address Radio Station KOAC, Corvallis, Oregon.

### **KOAC RADIO PROGRAM**

The regular program, published quarterly during the school year. Address Radio Station KOAC, Corvallis, Oregon.

### **GENERAL EXTENSION JOURNAL**

A news sheet published quarterly for the students of the General Extension Division. Address General Extension Division, Oregon State System of Higher Education, Eugene, Oregon.

**BULLETIN OF PORTLAND SUMMER SESSION**

Address Director, Portland Summer Session, 207 Education Center Building, 220 S. W. Alder Street, Portland 4, Oregon.

**VANPORT EXTENSION CENTER BULLETIN**

Lists the courses offered at the Vanport Center during the regular collegiate year. Write to Director, Vanport Extension Center, Oregon State System of Higher Education, Portland 3, Oregon.



## ***The Department of State-Wide Services***

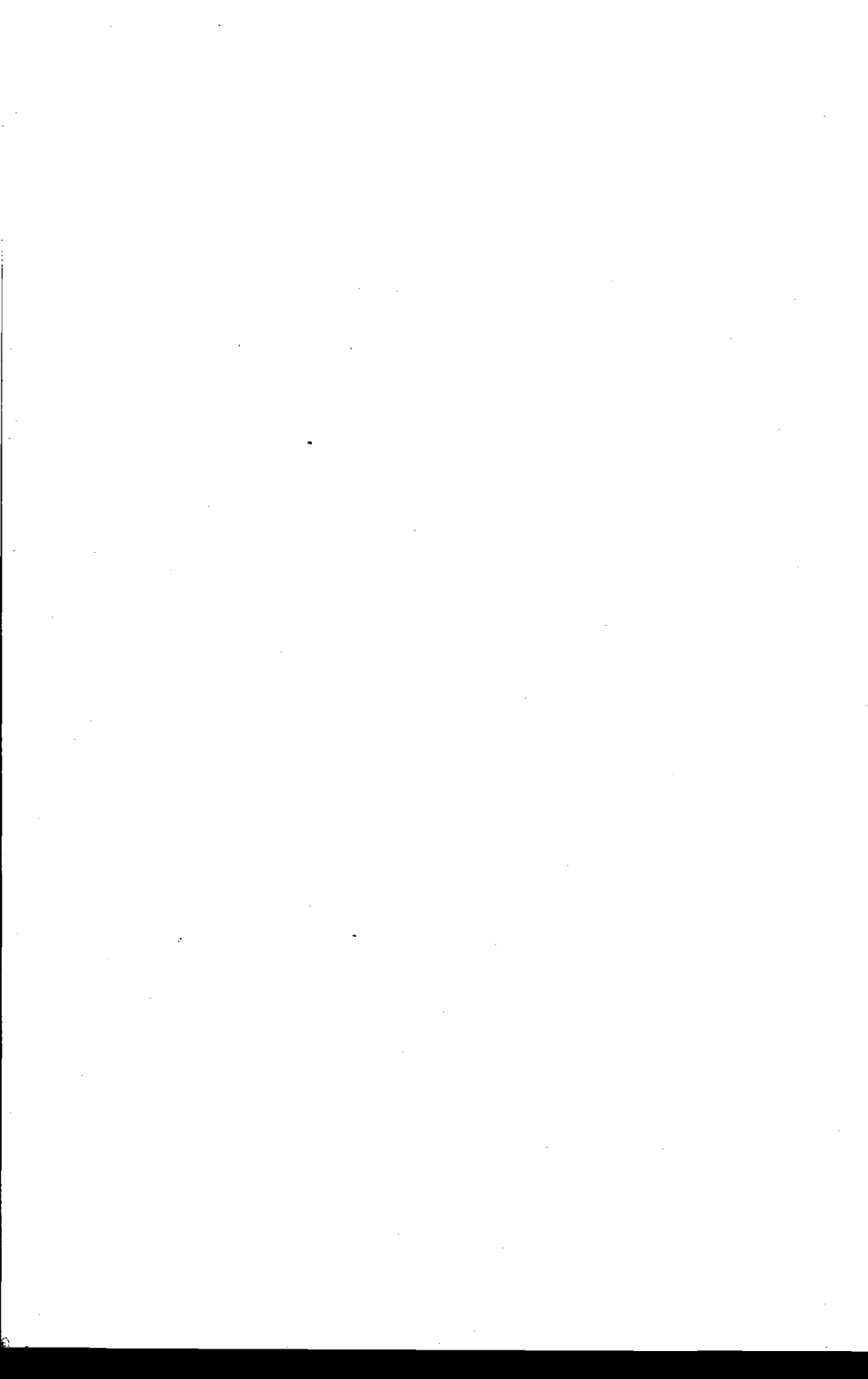
The Department of State-Wide Services offers evening classes, workshops, and correspondence study throughout the state. The courses offered represent the five state system institutions and the credit earned is recognized in all the institutions of higher learning in Oregon. A major portion of the hours necessary for a bachelor's degree may be taken in extension classes. The fees are identical to campus costs, and the classes are taught by State System staff members or by approved professional staff members. The motto, "The State is the Campus," clearly illustrates the scope of service available to all citizens of Oregon.

Correspondence study offers over 325 home-study courses in the following general fields: anthropology, architecture, art, aviation, biology, business administration, economics, education, engineering, English, literature, geography, geology, history, home economics, journalism, languages (both modern and classical), library methods, mathematics, physics, political science, psychology, secretarial science, sociology, and zoology. Also offered are high-school courses in almost every subject.

Correspondence students are found all over the world.

Instruction through correspondence study is thorough, pleasant, and efficient, and this branch of the Department of State-Wide Services is one of the largest in the United States in terms of students being served.

For further information or catalogs, write Department of State-Wide Services, General Extension Division, 1225 Kincaid Street, Eugene, Oregon.



## **General Extension Division**

The General Extension Division of the Oregon State System of Higher Education is the agency through which the University of Oregon, Oregon State College, and the three Oregon colleges of education render general extension services to the state through the following departments of the Division:

**Department of State-Wide Services**  
1225 Kincaid Street  
Eugene, Oregon

**Department of Visual Instruction**  
Room 131 Coliseum Building  
Oregon State College  
Corvallis, Oregon

**Radio Station KOAC**  
304 Physics Building  
Oregon State College  
Corvallis, Oregon

**Portland Extension Center**  
207 Education Center Building  
220 S. W. Alder Street  
Portland 4, Oregon

**Vanport Extension Center**  
12005 N. Burgard Street  
Portland 3, Oregon

**Committee on High-School Relations**  
409 Education Center Building  
220 S. W. Alder Street  
Portland 4, Oregon

**Portland Summer Sessions**  
207 Education Center Building  
220 S. W. Alder Street  
Portland 4, Oregon

**International Relations**  
207 Education Center Building  
220 S. W. Alder Street  
Portland 4, Oregon

## **Portland Extension Center**

Approximately 450 evening classes and some late afternoon and Saturday morning classes are offered in Portland in the following departments, divisions, and professional schools:

Anthropology  
Art  
Business Administration  
Chemistry  
Drama  
Economics  
Education  
Engineering  
English  
Esperanto  
French  
General Science  
General Social Science  
General Studies  
Geography  
German  
History

Home Economics  
Horticulture  
Journalism  
Landscape Architecture  
Mathematics  
Music  
Nursing Education  
Physical Education  
Physics  
Psychology  
Public Health  
Public Speaking  
Russian  
Sociology  
Spanish  
Speech and Drama  
Zoology

## **State-Wide Services**

In addition to Correspondence Study, last year 335 classes were scheduled in 66 centers. They are arranged as a public service to meet the needs and interests of individual communities and may be either formal in nature, carrying college credit, or informal and recreational, without credit.

Any club, church, school or social group may request a class by writing the DEPARTMENT OF STATE-WIDE SERVICES, General Extension Division, Eugene, stating the subject selected and the number of persons interested. Instructors of state-wide classes are regular faculty members of the Oregon State System of Higher Education, or subject specialists approved by department heads.

Institutes and conferences also are arranged through this department.

The following questions are to be answered on a separate sheet of paper and forwarded to:

STATE-WIDE SERVICES LEAFLET  
GENERAL EXTENSION DIVISION  
Oregon State System of Higher Education  
Eugene, Oregon

(Make postal orders, express orders, and bank drafts payable to the General Extension Division.)

**Information for  
CORRESPONDENCE COURSES**

Name in full \_\_\_\_\_  
(Mr., Mrs., or Miss)

Address \_\_\_\_\_

Have you ever before registered for a correspondence course  
with this Extension Division? \_\_\_\_\_

Occupation \_\_\_\_\_ Age \_\_\_\_\_ years

Amount of high-school work completed and where \_\_\_\_\_  
\_\_\_\_\_

Amount of college, university, or teachers-college work completed  
and where \_\_\_\_\_

What degree, if any, do you hold? \_\_\_\_\_

What institution of higher education in Oregon do you expect to enter?  
\_\_\_\_\_

What subject do you expect to make your major? \_\_\_\_\_

What is your object in taking this course? \_\_\_\_\_

What preparation for it have you had? \_\_\_\_\_  
\_\_\_\_\_

Do you desire credit? \_\_\_\_\_ When do you wish to use the credit? \_\_\_\_\_

\_\_\_\_\_ Where? \_\_\_\_\_  
\_\_\_\_\_

To what libraries do you have access? \_\_\_\_\_

**CORRESPONDENCE COURSE DESIRED**

Name of Course	Term Hours Credit	Amount of Fee
_____	_____	_____
_____	_____	_____
_____	_____	_____

Total amount enclosed \_\_\_\_\_ \$ \_\_\_\_\_

