

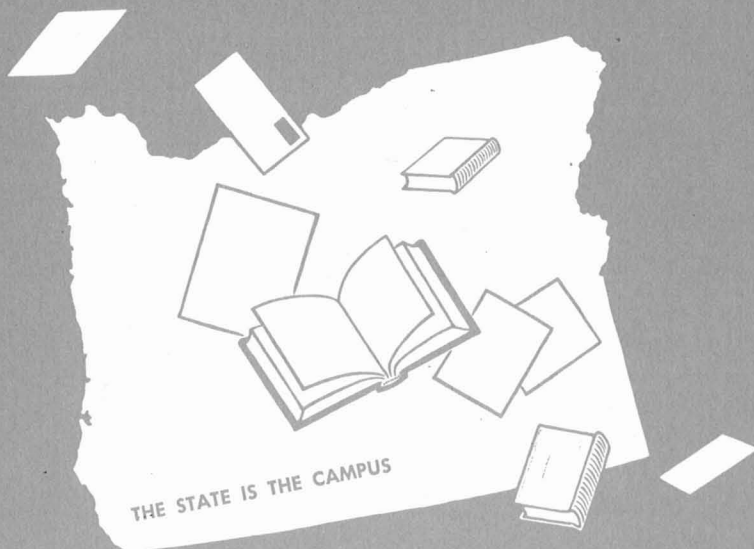


GENERAL
EXTENSION
DIVISION

BULLETIN

Correspondence Study

Department of State-Wide Services
Oregon State System of Higher Education



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1957-58

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

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

Each of the institutions provides the general studies fundamental to a well-rounded education. At the three colleges of education and Portland State College, students may complete major work in teacher education or general studies or enroll in a professional program.

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

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

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

Dean's Message

It is the responsibility of General Extension Division to make available to Oregonians for off-campus study the resource of all units in the State System of Higher Education.

One of the important ways in which this is accomplished is through Correspondence Study. By pursuing their studies at home, thousands of persons in our state, and many in other states, are able to carry on work toward a high school goal or toward a college degree. Many others seek only the satisfaction of life-long learning.

All in General Extension Division are interested in making available the best possible educational services to the citizens of Oregon. We believe that successful extension work moves along a two-way street. As you consider your experiences in correspondence study or other extension work, please do not hesitate to communicate to our offices any suggestions you may have for improving this service.

JAMES W. SHERBURNE

Dean, General Extension Division

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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 unable to enroll as resident students. Some desire to earn undergraduate credit toward academic degrees or to complete professional requirements; others want 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 such persons are served by correspondence courses.

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

What is correspondence study?

Correspondence study is an arrangement for earning college or high school credit by study at home. Under the Oregon plan, the student receives the entire course when he enrolls. Completed lessons are mailed directly to the instructor, who reads the student's work carefully and makes whatever comments he feels are necessary to help the student. *Lesson reports should be sent to the instructor one at a time as they are completed so that a student may benefit from comments and corrections in working out subsequent lessons. Instructors may refuse to accept lesson reports which indicate the student is hurrying his work unduly.* Lessons are returned from the instructor directly to the student. At the close of most courses, the student takes a proctored examination. The final grade *may* be determined largely by this examination. However, the instructor usually gives considerable weight to lesson grades unless there is too much difference between these and the final examination score.

Are there any restrictions on enrollment in correspondence study?

Any person of sufficient maturity and preparation to undertake a course may enroll. A student wishing to earn credit must meet the requirements of the institution accepting this credit. The prerequisites listed for certain courses apply only in cases where a student intends to submit the credits he earns through correspondence study to an institution in partial fulfillment of his degree requirements. The University of Oregon, Oregon State College, Portland State College, Southern Oregon College, and Eastern Oregon College will accept a maximum of 60 hours of credit earned by correspondence study. Oregon College of Education accepts 24.

No graduate credit is offered by correspondence study.

Any student desiring to enroll in correspondence work while attending college or high school as a resident student should obtain 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 in which he intends to graduate. Courses must be completed at least three weeks prior to the date of graduation.

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.

What procedure is necessary for enrolling in correspondence courses?

(1) A student wishing college credit should consult the registrar of the institution at which he wishes to use the credit or the head of the organization to which he wishes to submit the credit. This person will be able to advise the student as to the selection of the proper course or courses. A student wishing to earn high-school credit should consult the principal of the high school where he was formerly enrolled or the principal of the local high school.

(2) Fill out the application blank in the center of this catalog and mail it with a check, money order, or bank draft for the entire fee to the Office of Correspondence Study, General Extension Division, Eugene, Oregon.

How long will it take to complete a course?

This depends on the amount of time a student is able to devote to his study. 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 on request. Students are permitted to renew their enrollment for one year by paying a renewal fee of \$2.00. Only one renewal is permitted. *Maximum time allowed on any course is two years.*

How does a student make arrangements to take a final examination?

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 or a State System campus will take their examinations under the supervision of an approved proctor. Instructions for making arrangements for an

examination are included with each course. *General Extension Division reserves the right to select the proctor.*

What are the fees for correspondence courses?

Fees for each course in this catalog are listed in the line which gives course number and title. The nonresident fee is waived for service personnel. Fees for courses offered by General Extension Division correspond to fees in effect on campuses in the State System of Higher Education.

Where may textbooks be obtained?

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 on request. Please address inquiries concerning text prices to the Office of Correspondence Study, General Extension Division, Eugene, Oregon.

It is the aim of the General Extension Division to keep its correspondence courses up to date, and new textbook editions are adopted as soon as possible when new or reorganized material is introduced. For this reason, a student should obtain the texts for a course only after he has enrolled and has received confirmation of the books currently in use.

General Extension Division does not handle refunds on texts.

A student seeking a refund should contact the store from which the text was purchased.

Under what conditions are refunds made?

After a student has enrolled in a course, press of other work or unwillingness to carry on the course will not be considered adequate cause for a refund. Serious illness, which 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 a refund of fees, *provided the request is made in writing to General Extension Division within three months of the date of registration.* When refunds 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.*

Is it permissible to 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.

How is correspondence study graded?

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

May a friend or tutor assist with correspondence lessons?

Yes. However, evidence of submitting the work of another instead of doing original work will mean that a grade of *F* for the course will be given automatically.

May correspondence courses be used for teacher certification?

In general, the answer is yes. However, it is recommended in all cases that a student check with the department of education in his state. That office will indicate to a student the courses which he needs for certification and will also call his attention to any limitations concerning the manner in which those courses may be taken.

May service personnel enroll for correspondence courses through USAFI?

Yes. The General Extension Division has a correspondence study contract with the United States Armed Forces Institute. Under the terms of this contract, the Government pays instruction costs and the student pays nominal enrollment fees plus the cost of the text or texts. Most of the courses listed in this bulletin are available under the USAFI contract. For complete information concerning fees and courses, consult your unit Education Officer or write to USAFI, Madison 3, Wisconsin.

May veterans take advantage of correspondence study?

The Oregon State System of Higher Education is currently negotiating with the Veterans Administration to establish contracts which will permit all veterans to take advantage of our services. If you are interested please write to the Office of Correspondence Study for details.

May tapes be used instead of written lessons?

The use of tapes is sometimes permitted as a substitute for writing the assignments for correspondence courses in the case of handicapped individuals. Interested individuals should contact the Office of Correspondence Study, General Extension Division, Eugene, Oregon.

What other colleges or universities offer correspondence study?

If you do not find the courses you desire listed in this bulletin and wish to seek further information concerning a specific subject, write to: Dr. Julius M. Nolte, Office of the Secretary, National University Extension Association, University of Minnesota, Minneapolis, Minnesota.

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); (3) the enrollment fee.

For the convenience of students using this catalog the letters U, S, and C appear in the left margin before course descriptions. The letter U refers to University of Oregon, S to Oregon State College, and C to the colleges of education. These indicate that the accompanying course appears in the catalog of the institution designated and is a regular offering of that institution.

Anthropology

- (U) Anth C 417. **The American Indian.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

This course is the first term of a 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.

Text: Underhill, *Red Man's America*, University of Chicago Press, Chicago, 1953.

- (U) Anth C 418. **The American Indian.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Anth C 417.

Texts: Thompson, *The Rise and Fall of Maya Civilization*, University of Oklahoma Press, 1954; Vaillant, *The Aztecs of Mexico*. Penguin Books, 1950; Tax (ed.), *Heritage of Conquest*, The Free Press, 1952.

- (U) Anth C 419. **The American Indian.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Anth C 418. No required text.

Architecture

- (S) AA C 178. **House Planning and Architectural Drawing.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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 owners and new trends in building. Service course for non-majors.

Texts: Sleeper and Sleeper, *The House for You*, John Wiley and Sons, 1948.

Art

- (U) AA C 298. **Sketching.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.

Sketching from plates to develop ability to observe clearly and record accurately. Offered especially for non-major students who have had no previous training in sketching or drawing.

Biology

- (S) Sc C 101. **Biological Science Survey.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

An elementary study of the fundamental principles of biology as they apply to both plants and animals. Each term has laboratory exercises which require the use of a compound microscope.

(Students enrolling for the course will be furnished with a kit containing necessary supplies [with the exception of the microscope] for conducting the laboratory experiments. A deposit of \$8.00 for this kit should accompany the enrollment fee; upon return of this kit within three months, the deposit will be refunded. If the kit is kept longer than three months, \$1.00 per month, or fraction thereof, will be deducted from the deposit. In the event the kit is returned in a damaged condition, appropriate charges will be deducted from the amount deposited.)

Text: Hardin: *Biology*, W. H. Freeman and Co., 1949.

- (S) Sc C 102. **Biological Science Survey.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Sc C 101. \$8.00 Deposit for Kit (see explanation above).
Texts: Hardin, *Biology*, W. H. Freeman and Co., 1949; Alexander, *Biology, College Outline Series*, Barnes and Noble. or any standard biology (zoology) book.
- (S) Sc C 103. **Biological Science Survey.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Sc C 102. \$8.00 Deposit for Kit (see explanation above).
Text: Hardin, *Biology*, W. H. Freeman and Co., 1949.
- (S) Bot C 211. **Elementary Botany.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A study of life processes as shown in the plant. A service course for non-science majors.
Text: Wilson, *Botany*, Dryden Press, 1952.
- (U) Bi C 312. **Human Physiology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
Required for majors in physical education; elective for others qualified. The course includes a series of laboratory experiments for which General Extension Division furnishes a simple kit at the student's request. Charge for the kit is \$1.00. Prerequisites: one year of college chemistry and one year of college biology (or zoology).
Text: Best and Taylor, *The Living Body* (3rd ed.), Henry Holt and Co., 1952.
- (U) Bi C 313. **Human Physiology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Bi C 312. Same text.

Business Administration*

- (U) BA C 111. **Constructive Accounting.** 3 q.h. 22 a. \$27.00 for Oregon residents; others, \$34.00.
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 and Niswonger, *Accounting Principles* (6th ed.), South-Western Publishing Co., 1954; Working Papers for Chapters 1 to 16 of *Accounting Principles* (Stock No. A 101); Practice Set (Stock No. A 103).
- (U) BA C 112. **Constructive Accounting.** 3 q.h. 22 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of BA C 111.
Texts: Same materials as are listed for BA C 111, plus Working Papers for Chapters 17 to 32 of *Accounting Principles* (Stock No. A 102) and Practice Set No. 2 (Stock No. A 105) for use with *Accounting Principles*.

* See also Secretarial Science, page 35.

- (U) BA C 113. **Constructive Accounting.** 3 q.h. 22 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of BA C 112.
Texts: Noble and Niswonger, *Accounting Principles* (same as for BA C 111); Working Papers for Chapters 17 to 32 of *Accounting Principles* (Stock No. A 102); Practice Set No. 2 (Stock No. A 105) for use with *Accounting Principles*.
- (U) BA C 312. **Principles of Cost Accounting.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
Basic principles of cost-accounting procedure, the cost-accounting cycle, control of materials, labor and manufacturing expense; departmentalization; emphasis on job-order cost system. Prerequisite: BA 111, 112, 113, or equivalent.
Texts: Matz, Curry and Frank, *Cost Accounting*, South-Western Publishing Co.; Practice Set, *The Franconian Manufacturing Company*.
- (U) BA C 416. **Business Law.** 4 q.h. 22 a. \$36.00 for Oregon residents; others, \$43.00.
Application of fundamental legal principles to typical business situations, illustrated by selected cases. The following topics are considered: contracts, bankruptcy, insurance, suretyship, sales, agency, personal property, real property, business organizations, partnerships, corporations, associations, trusts, joint stock companies, negotiable instruments.
Text: Dillavou and Howard, *Principles of Business Law* (5th ed.), Prentice-Hall, 1952.
- (U) BA C 417. **Business Law.** 4 q.h. 22 a. \$36.00 for Oregon residents; others, \$43.00.
A continuation of BA C 416. Same text.
- (U) BA C 418. **Business Law.** 4 q.h. 22 a. \$36.00 for Oregon residents; others, \$43.00.
A continuation of BA C 417. Same text.
- (U) BA C 425. **Real Estate Fundamentals.** 3 q.h. 18 a. \$27.00 for Oregon residents; others, \$34.00.
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.
Texts: Unger, *Real-Estate*, South-Western Publishing Co., 1955; Semenow, *Questions and Answers on Real Estate*, Prentice-Hall, 1956; *Manual for Oregon Real Estate Brokers and Salesmen*, latest edition.
- (U) BA C 436. **Retail Store Management.** 4 q.h. 21 a. \$36.00 for Oregon residents; others, \$43.00.
Retail policies and problems. Stock-control systems, buying methods of sales promotion, plant operation, personnel, credit, turnovers, pricing, expense classifications and distribution.
Texts: Brown and Davidson, *Retailing*, The Ronald Press, 1953, Duncan and Phillips, *Retailing* (4th ed.), Richard D. Irwin, Homewood, Ill., 1955.
- (U) BA C 487. **Cost Accounting Problems.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
Cost accounting procedure, with special attention to process costs; emphasis on cost theory, with only minor attention to techniques. Process costing by both average and first in-first out methods; accounting for shrinkage and spoilage; costing of byproducts and joint products; estimating costs. Material presented largely through problems of the more difficult and complex type, including problems taken from the various professional examinations. Designed for professional accounting students. Prerequisite: BA 312.
Text: Matz, Curry and Frank, *Cost Accounting*, South-Western Publishing Co., 1952.

- (U) BA C 488. **Cost Analysis and Control.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Standard costs, simple and flexible budgets, analysis and control of distribution costs, gross-profit analysis, break-even analysis, profit-volume relationships, and differential cost analysis. Designed for students in the field of management as well as accounting. Prerequisite: BA 312. Same text as for BA C 487.

Economics

- (U) Ec C 201. **Principles of Economics.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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

Texts: Kiekhofe, *Economic Principles, Problems and Policies* (4th ed.), D. Appleton-Century Co., 1951; Knight and Hines, *Economics*, Alfred A. Knopf, 1952.

- (U) Ec C 202. **Principles of Economics.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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.

- (U) Ec C 203. **Principles of Economics.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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.

- (U) Ec C 440. **International Economics.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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* (2nd ed.), Harper & Bros., 1956.

Education

- (U) Ed C 310. **The School in American Life.** 3 q.h. 19 a. \$27.00 for Oregon residents; others, \$34.00.

Education as a career, function of education in a democracy, curriculum and organization of schools, current educational trends and contemporary problems, financing public education, the characteristics, needs and interests of pupils by age groupings, general principles of growth and learning, and relation to current practices. Students completing this course have automatically fulfilled the Oregon requirement for Oregon school law and need not take Ed 476.

Texts: Gould and Yoakam, *The Teacher and His Work*, The Ronald Press, 1954; Meyers and Williams, *Education in a Democracy*, Prentice-Hall, 1954; *Laws Relating to the Oregon Public School System*, Parts 1, 2, 3, and 4.

- (U) Ed C 311. **Human Development.** 4 q.h. \$36.00 for Oregon residents; others, \$43.00.

Designed to provide psychological knowledge especially relevant to the professional activities of teachers in the elementary and secondary schools. Various aspects of the development and adjustment of the school child, with attention to the role of the teacher and the school program in the development of the pupil. The student will take four proctored examinations as he progresses with the study of the course. These examinations will take the place of regular written assignments. Will be available October 1, 1957.

Text: Breckenridge and Vincent, *Child Development*, W. D. Saunders Co., 1955.

- (C) Ed C 312. **Educational Psychology: Learning.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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.

Texts: Skinner (ed.), *Educational Psychology* (3rd ed.), Prentice-Hall, 1951; Trow, *Educational Psychology* (2nd ed.), Houghton Mifflin Co., 1950.

- (U) Ed C 314. **Principles of Secondary Teaching.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Study of actual classroom teaching process, including classroom organization and management, planning teaching units, evaluating pupil learning, and similar problems. Prerequisite: Ed 311, 313.

Texts: Spears, *Principles of Teaching*, Prentice-Hall, 1951; Mills and Douglas, *Teaching in High School*, The Ronald Press, 1957.

- (C) Ed C 351. **Health Education.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.

Teaching health education with emphasis on the health knowledge, health attitudes and health habits of school children and the development of a health-service program.

Texts: NEA-AMA, *Health Education*. National Education Association of the United States (1948 ed.); Turner, *School Health and Health Education*, C. V. Mosby Co., 1957.

- (U) Ed C 424. **Measurement in Education.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Use and interpretation of informal and standardized tests as supervisory and guidance instruments for the diagnosis, analysis, evaluation, and improvement of instruction in the elementary and secondary schools.

Text: Froelich and Darley, *Studying Students*, Science Research Associates, 1952.

- (U) Ed C 440. **History of Education.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A general review of the growth and development of education in relation to the civilization of the times; emphasis on development of educational philosophies.

Texts: Ulich, *History of Educational Thought*, American Book Co., 1945; Ulich, *Three Thousand Years of Educational Wisdom: Selections from Great Documents*, Harvard University Press, 1947; Duggan, *A Student's Textbook in the History of Education*, D. Appleton-Century Co., 1948.

- (C) Ed C 458. **Advanced Primary Education.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.

Planned for experienced teachers or those specializing at the primary level. Effectiveness of techniques; materials and their evaluation; solving of problems growing out of actual experience. Provides opportunity for special study in chosen areas of the primary school and construction of actual materials in relation to scientific procedures and professional goals.

Texts: Betts, *Foundations of Reading Instruction*, American Book Co., 1950; Lamoreaux and Lee, *Learning to Read Through Experience*, D. Appleton-Century Co., 1950.

- (C) Ed C 459. **Advanced Intermediate and Upper-Grade Education.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.

Planned for experienced teachers or those specializing at the intermediate and upper-grade levels. Effectiveness of techniques; materials and their evaluation; solving of problems growing out of actual experience. Provides opportunities for special study in chosen areas and application of specific procedure to organization of new materials.

Texts: Brueckner and Grossnickle, *Making Arithmetic Meaningful*, Winston Co., 1953; Lee and Lee, *The Child and His Curriculum* (rev. ed.), D. Appleton-Century Co., 1950.

- (U) Ed C 475. **Parent-Teacher Organization.** 2 q.h. 10 a. \$18.00 for Oregon residents; others, \$25.00.

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 cooperation. Current source materials and parent-teacher practices and programs will be examined. Special problems facing both beginning and experienced teachers will be studied.

Texts: Overstreet, Harry and Bonaro, *Where Children Come First*, National Congress of Parents and Teachers, 1949; a series of pamphlets; *National Parent-Teacher Magazine*. These materials will be provided at a cost of \$5.00 by the Oregon Congress of Parents and Teachers, 511 Education Center Building, 220 Southwest Alder Street, Portland 4, Oregon.

- (U) Ed C 476. **School Law and Organization.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.

Oregon laws applying to schools and teachers; teacher personnel policies and practices; professional organizations; means for continued professional growth.

Texts: *Laws Relating to the Oregon Public School System*, Parts 1, 2, 3, and 4; *Oregon Blue Book* (latest edition available).

- (U) Ed C 484. **The Junior High School.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Origin and functions of the junior high school; characteristics and needs of the early adolescent; administration of the junior high school; curriculum and instruction; guidance; school activities; evaluation of the junior high school.

Texts: Koos, *Junior High School Trends*, Harper and Bros., 1955; Gruhn and Douglas, *The Modern Junior High School*, The Ronald Press, 1956.

- (U) Ed C 491. **Social Education.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Structure and functioning of society as a background for the study and evaluation of education in its varied forms; the contribution of sociological principles and findings to the improvement of educational practices.

Texts: Brown, *Educational Sociology* (2nd ed.), Prentice-Hall, 1954; Moore and Cole, *Sociology in Educational Practice*, Houghton Mifflin Co., 1952.

Engineering

- (S) GE C 111. **Engineering Graphics.** 2 q.h. 10 a. \$18.00 for Oregon residents; others, \$25.00.

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.

Texts: Willey, Wanless, Holcomb, *Engineering Drawing Manual* (3rd ed.); *Book of Lettering Exercises* by the same authors. Both texts are published by Oregon State College Cooperative Association, Corvallis, Ore.

- (S) GE C 112. **Engineering Graphics.** 2 q.h. 11 a. \$18.00 for Oregon residents; others, \$25.00.

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

- (S) GE C 113. **Engineering Graphics.** 2 q.h. 11 a. \$18.00 for Oregon residents; others, \$25.00.
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 112. Same text as for GE C 111 and 112.
- (S) ME C 213. **Mechanics (Dynamics).** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
Continuation of ME C 217. 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 201, 202) and ME 217. Same text as for ME C 217.
- (S) ME C 217. **Mechanics of Materials (Statics).** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
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 201, 202).
Text: Seely and Ensign, *Analytical Mechanics for Engineers* (4th ed.), John Wiley and Sons, 1948.
- (S) ME C 218. **Mechanics of Materials.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
Mechanics as applied to analysis of stress and strain distribution in machine and structural elements; rational design possibilities. Prerequisite: Differential and Integral Calculus (Mth 201, 202).
Text: Popov, *Mechanics of Materials*, Prentice-Hall, 1952.
- (S) ME C 317. **Dynamics of Solids and Fluids.** 3 q.h. 21 a. \$27.00 for Oregon residents; others, \$34.00.
Application of the principles of mechanics to flow of incompressible and compressible fluids. Basic theory and many applications in the field of engineering. Prerequisite: Differential and Integral Calculus (Mth 203) and ME 217.
Text: Binder, *Fluid Mechanics* (3rd ed.), Prentice-Hall, 1955.

English and Literature

- Eng C 01. **Grammar, Punctuation and Usage Review.** No credit. 24 a. \$27.00 for Oregon residents; others, \$34.00.
For mature persons who feel the need of a thorough review of all facts and principles of grammar which have practical application in relation to punctuation and good usage.
Text: Tressler, *Grammar in Action* (3rd ed.), D. C. Heath and Co., 1953.
- (U) Wr C 111. **English Composition.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
Wr C 111, 112 and 113 make up a sequence in fundamentals of composition and rhetoric equivalent to the usual freshman requirements in college English. A student wishing to take Wr C 111 for credit must make a satisfactory score on the English Placement Test if he has not previously taken this examination. Arrangements to take the test should be made before registering for the course. A student requesting the test should send a \$1.00 fee for the examination to the Office of Correspondence Study, General Extension Division.
Texts: McCrimmon, *Writing With A Purpose* (2nd ed.), Houghton Mifflin Co., 1957; Blair and Gerber, *Better Reading I, Factual Prose* (3rd ed.), Scott, Foresman and Co., 1955.
- (U) Wr C 112. **English Composition.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Wr C 111.

Texts: McCrimmon, *Writing With A Purpose* (2nd ed.), Houghton Mifflin Co., 1957; Leary and Smith, *Think Before You Write*, Harcourt, Brace and Co., 1951.

- (U) Wr C 113. **English Compositoin.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Wr C 112.

Texts: McCrimmon, *Writing With A Purpose* (2nd ed.), Houghton Mifflin Co., 1957.

- (U) Wr C 211. **Advanced Writing.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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

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

- (U) Wr C 212. **Advanced Writing.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Wr C 211. Same text.

- (U) Wr C 213. **Advanced Writing.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Wr C 212. Same text.

- (U) Wr C 214. **Business English.** 3 q.h. 14 a. \$27.00 for Oregon residents; others, \$34.00.

Study of modern practices in business correspondence, primarily for students of business administration. Analysis and writing of the principal types of correspondence. Prerequisite: Wr 111, 112, 113.

Text: Aurner, *Effective Communication in Business* (3rd ed.), South-Western Publishing Co., 1950.

- (U) Wr C 324. **Short-Story Writing.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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 and Co., 1946.

- (U) Wr C 325. **Short-Story Writing.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Designed to enable students to try out their abilities in creative writing. Prerequisite: previous training in English fundamentals and in creative writing equivalent to that given in Wr 111, 112, 113 and Wr 324.

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

- (U) Wr C 326. **Short-Story Writing.** 3 q.h. \$27.00 for Oregon residents; others, \$34.00.

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. Prerequisite: completion of Wr 324 and Wr 325 with proficiency, or submission of short-story manuscripts of merit.

Text: Hoffman, *The Writing of Fiction*, Norton, 1939.

Manuscript Criticism. No credit. \$28.00 for Oregon residents; others, \$35.00.

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. Fee for this service will be \$28 (or \$35 for non-residents) for manuscripts not over 50,000 words. Arrangements for larger manuscripts should be made with the

Extension Division. 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. Fee and return postage should be sent with the manuscript.

- (U) Eng C 101. **Survey of English Literature.** 3 q.h. 20 a. \$27.00 for Oregon residents; others, \$34.00.

This course and Eng C 102, 103 comprise a study of significant features in English literature from the Old English period to the present. For college freshman. The first term covers the early period through the sixteenth century.

Text: Whiting (ed.), *The College Survey of English Literature, Vol. I*, Harcourt, Brace and Co., 1942.

- (U) Eng C 102. **Survey of English Literature.** 3 q.h. 20 a. \$27.00 for Oregon residents; others \$34.00.

Covers the seventeenth and eighteenth centuries.

Texts: Whiting (ed.), *The College Survey of English Literature, Vols. I and II*, Harcourt, Brace and Co., 1942.

- (U) Eng C 103. **Survey of English Literature.** 3 q.h. 21 a. \$27.00 for Oregon residents; others, \$34.00.

Covers the period from the eighteenth century to the present.

Text: Whiting (ed.), *The College Survey of English Literature, Vol. II*, Harcourt, Brace and Co., 1942.

- (C) Eng C 107. **World Literature.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A three-term sequence designed to acquaint the student with outstanding works of ancient, medieval, and modern literature that have had a permanent and wide appeal outside their own country.

Texts: The student should procure inexpensive, paper-backed editions of the texts listed for this sequence.

In general, it is not necessary to use the exact editions listed. *The Pocket Bible*, Pocket Books; Homer, *The Iliad*, Mentor Books; Homer, *The Odyssey*, Mentor Books; Robinson, *Anthology of Greek Drama*, Rinehart Edition; Plato, *Euthyphro, Apology and Crito*, Liberal Arts Press; Thucydides, *Complete Writings*, Modern Library College Edition; Aristotle, *The Art of Poetry*, Liberal Arts Press; Lucretius, *On the Nature of the Universe*, Penguin Books; Vergil, *The Aeneid*, Rinehart Edition.

- (C) Eng C 108. **World Literature.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Eng C 107.

Texts: Thomas à Kempis, *The Imitation of Christ*, Penguin Books; *The Song of Roland*, Houghton Mifflin Co.; Bédier, *The Romance of Tristan and Iseult*, Anchor Books; Dante, *The Divine Comedy*, Modern Library College Edition; Chaucer, *Canterbury Tales*, Crofts Classics; Machiavelli, *The Prince*, Mentor Books; Rabelais, *Gargantua and Pantagruel*, Penguin Books; Montaigne, *Selections from the Essays*, Crofts Classics; Cervantes, *Don Quixote*, Modern Library College Edition; Shakespeare, *The Complete Sonnets, Songs and Poems*, Pocket Books.

- (C) Eng C 109. **World Literature.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Eng C 108.

Texts: Descartes, *Discourse on Method*, Library of Liberal Arts; Molière, *Plays*, Modern Library College Edition; Voltaire, *Candide*, Penguin Books; Diderot, *Rameau's Nephew*, Anchor Books; Paine, *The Age of Reason*, Library of Liberal Arts; Rousseau, *Confessions*, Penguin Books; *The Centuries' Poetry No. 3, Pope to Keats*, Penguin Books; Goethe, *Faust*, Penguin Books; Balzac, *Old Goriot*, Penguin Books; Poe, *Tales and Poems of Poe*, Pocket Books; Emerson, *Five Essays on Man and Nature*, Crofts Classics.

- (U) Eng C 201. **Shakespeare.** 3 q.h. 5 a. \$27.00 for Oregon residents; others, \$34.00.
The important comedies. Eng C 201, 202 and 203 constitute a sequence. A student need not, however, necessarily take these courses in numerical order. The three terms meet requirements for English majors and for those who wish to fulfill a norm in English.
Texts: Kittredge (ed.), *The Complete Works of Shakespeare*, Ginn and Co., 1936. Parrott, *William Shakespeare—A Handbook*, Scribner & Son, Rev. ed.
- (U) Eng C 202. **Shakespeare.** 3 q.h. 4 a. \$27.00 for Oregon residents; others, \$34.00.
The important tragedies. Same texts as for Eng C 201.
- (U) Eng C 203. **Shakespeare.** 3 q.h. 5 a. \$27.00 for Oregon residents; others \$34.00.
The important historical plays. Same texts as for Eng C 201.
- (U) Eng C 253. **Survey of American Literature.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
American literature from its beginning to the present day. Two consecutive terms will satisfy the high-school teaching requirement in English.
Texts: Foerster and Charvat, *American Poetry and Prose* (shorter ed.), Houghton Mifflin Co., 1952; Blankenship, *American Literature* (rev. ed.), Henry Holt and Co., 1949.
- (U) Eng C 254. **Survey of American Literature.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Eng C 253. Same texts.
- (U) Eng C 255. **Survey of American Literature.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Eng C 254.
Texts: Same texts, plus Duffey, *Modern American Literature*, Rinehart and Co., 1951.
- (U) Eng C 388. (Lib C 388). **Children's Literature and Library.**
For description see page 30.
- (U) Eng C 393. **American Novel.** (Contemporary). 3 q.h. 15 a. \$27.00 for Oregon residents; others, \$34.00.
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 obtained from a local library.

Forestry

- (S) F C 260. **Conservation of Natural Resources.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
Nature, extent, and importance of organic resources of United States and methods of conserving them; forest, forage, recreation, wildlife, soil, water aspects.
Text: Allen, *Conserving Natural Resources*, McGraw-Hill, 1955.

Geography

- (U) Geog C 105. **Introductory Geography.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
This course and Geog C 106, 107 constitute a general introduction to geography. The first term deals with physical geography.
Text: Kendall, Glendenning and McFadden, *Introduction to Geography*, Harcourt, Brace and Co., 1951.
- (U) Geog C 106. **Introductory Geography.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

This term deals with world resources.

Same text as for Geog C 105.

- (U) Geog C 107. **Introductory Geography.** 3 q.h. 16 a. \$27.00 for Oregon residents; others \$34.00.

This term deals with human and regional geography.

Same text as for Geog C 105.

- (U) Geog C 201. **Regional Economic Geography.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A study of the major types of production and their geographical background. Texts: Dicken, *Economic Geography*, D. C. Heath and Co., 1955; *Goode's World Atlas*, Rand McNally and Co., latest edition.

- (U) Geog C 202. **Regional Economic Geography.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Geog C 201. Same texts.

- (U) Geog C 203. **Regional Economic Geography.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Geog C 202. Same texts.

- (U) Geog C 301. **Geography of the Pacific Northwest.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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

Texts: Dicken, *Oregon Geography*, Edwards Bros., 1955; Freeman, Martin and Smith, *The Pacific Northwest*, John Wiley and Sons, 1954.

- (U) Geog C 302. **Geography of the Pacific Northwest.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Geog C 301.

Text: Freeman, Martin and Smith, *The Pacific Northwest*, John Wiley and Sons, 1954.

- (U) Geog C 303. **Geography of the Pacific Northwest.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Geog C 302. Same text as for Geog C 302.

- (U) Geog C 427. **Geography of the Soviet Union.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A study of the physical, economic and human geography of the Soviet Union. Prerequisite: Geog 105, 106, 107 or Geog 201, 202, 203.

Texts: Jorré, *The Soviet Union: The Land and Its People*, Longmans, Green & Co., 1950. Cressey, *How Strong is Russia? A Geographic Appraisal*, Syracuse Univ. Press, 1954. Goodall, (ed.), *Soviet Union in Maps*, Denoyer-Geppert, 1954. Maps: Oberlander, *Landforms of the Soviet Union*, Syracuse Univ. Bookstore, 1956.

- (U) Geog C 429. **Geography of North America.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Regional geography of the continent north of the Rio Grande. Prerequisite: Geog 105, 106, 107 or Geog 201, 202, 203.

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

- (U) Geog C 430. **Geography of South America.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Physical, economic, and human geography of the continent. Prerequisite: Geog 105, 106, 107 or Geog 201, 202, 203.

Texts: James, *Latin America*, Odyssey Press, 1950; Smith, *Physiographic Diagram of South America*, Geographical Press, Columbia University, 1935.

- (U) Geog C 432. **Geography of Africa.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A study of the physical, economic and human geography of the continent. Prerequisite: Geog 105, 106, 107 or Geog 201, 202, 103.

Texts: Stamp, *Africa: A Study in Tropical Development*, John Wiley, 1953. Gourou, *The Tropical World: Its Social and Economic Conditions and Its Future Status*, Longmans, Green & Co., 1953.

Geology

- (U) Geol C 101. **General Geology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Processes of nature affecting the surface of the earth; formation of economic geologic deposits; the main events in the history of the earth. *This sequence does not include laboratory exercises.*

Text: Longwell and Flint, *Introduction to Physical Geology* (1st ed.), John Wiley and Sons, 1955.

- (U) Geol C 102. **General Geology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Geol C 101. Same text.

- (U) Geol C 103. **General Geology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Geol C 102.

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

Health Education

- (U) HE C 361. **Community Health Problems.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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.

Text: Paterson, *Foundations of Community Health Education* (4th Ed.), McGraw-Hill, 1950.

- (U) HE C 362. **Personal Health Problems.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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: Davis and Southworth, *Meredith's Hygiene* (5th ed.), Blakiston Co., 1954.

- (U) HE C 363. **Communicable and Noncommunicable Diseases.** 3 q.h. 10 a. \$27.00 for Oregon residents; others, \$34.00.

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.

Text: Anderson and Arnstein, *Communicable Disease Control* (3rd ed.), Macmillan Co., 1953.

History

- (U) Hst C 101. **History of Western Civilization.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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* (4th ed.), W. W. Norton and Co., 1954.

- (U) Hst C 102. **History of Western Civilization.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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

Texts: Same text, plus Stearns, *Pageant of Europe*, Harcourt, Brace and Co., 1948.

Directions for Enrolling in a Correspondence Course

1. Read carefully the General Information in the front of the bulletin.
2. Fill out the application below on both sides.
3. Make check or money order payable to General Extension Division.
4. Mail your application and fee to:
Office of Correspondence Study
General Extension Division
Eugene, Oregon
5. Your complete course and directions for completing it will be mailed to you promptly.
6. Texts should be ordered directly from the University of Oregon Cooperative Store, Eugene, Oregon. A list of text prices will be included with your course.

Application for Correspondence Course

Mr. ()
Miss ()
Mrs. ()

.....
Please Print—Include Middle and Maiden Names

.....
Present Mailing Address

.....
Home or Permanent Address

Occupation..... Age.....

Enclosed is my check or money order in the amount of \$.....

I wish the following courses:.....
.....
.....

.....
Please list courses by both number and title

(Over)

The Office of Correspondence Study endeavors to help its students in every possible way. If you need assistance at any time, please do not hesitate to write us.

**BEFORE ENROLLING IN ANY COURSE
PLEASE READ CAREFULLY
THE GENERAL INFORMATION ON
PAGES 7 THROUGH 11**

No student should enroll for a course to be applied toward spring graduation after April 1 of the year in which he intends to graduate. Courses must be completed at least three weeks prior to the date of graduation, or three weeks prior to certification deadlines.

Educational Background (circle highest year completed) :

grammar school high school college

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Degree.....

Institution at which you expect to use credit.....

.....

Have you ever before registered with General Extension Division?.....

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Mr. ()
Miss ()
Mrs. ()

.....
Please Print—Include Middle and Maiden Names

.....
Present Mailing Address

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Home or Permanent Address

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Enclosed is my check or money order in the amount of \$.....

I wish the following courses :.....
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.....
.....

Please list courses by both number and title

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Educational Background (circle highest year completed) :

grammar school high school college

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Degree.....

Institution at which you expect to use credit.....

.....

Have you ever before registered with General Extension Division?.....

- (U) Hst C 103. **History of Western Civilization.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Hst C 102 to recent times. Same texts.
- (U) Hst C 201. **History of the United States.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
This course and Hst C 202, 203 constitute a general survey of American history from colonial times to the present. The first term deals with discovery and settlement of North America and development of the United States to 1850.
Texts: Hicks, *The Federal Union* (2nd ed.), Houghton Mifflin Co., 1957; Hofstadter, *American Political Tradition*, Alfred A. Knopf, Vintage Books.
- (U) Hst C 202. **History of the United States.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Hst C 201. Covers the period from 1850 to 1898.
Texts: Same texts plus Hicks, *The American Nation* (3rd ed.), Houghton Mifflin Co., 1955.
- (U) Hst C 203. **History of the United States.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Hst C 202. Covers the period from 1898 to the present.
Texts: Hicks, *The American Nation* (3rd ed.), Houghton Mifflin Co., 1955; Hofstadter, *American Political Tradition*, Alfred A. Knopf, Vintage Books.
- (U) Hst C 207. **English History.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
This course and Hst C 208, 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* (3rd ed.), Ginn and Co., 1953; Trevelyan, *English Social History*, Longmans, Green and Co., 1942.
- (U) Hst C 208. **English History.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Hst C 207, covering the period from beginning of the seventeenth century to close of the Napoleonic War in 1815.
Same texts as for Hst C 207.
- (U) Hst C 209. **English History.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Hst C 208, covering the period from 1815 to the present. Same texts as for Hst C 207 and 208.
- (U) Hst C 350. **Hispanic America.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
This course and Hst C 351, 352 deal with South America and those countries other than the United States which border on the Gulf of Mexico and the Caribbean Sea. The first term covers the colonial period from about 1500 to 1800. Prerequisite: Hst 201, 202, 203 or equivalent preparation in history of the United States.
Text: Williams, *The People and Politics of Latin America* (rev. ed.), Ginn and Co., 1955.
- (U) Hst C 351. **Hispanic America.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
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 350. Same text as for Hst C 350.
- (U) Hst C 352. **Hispanic America.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
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: Same as for Hst C 350 and 351. Same text as for Hst C 350 and 351.

- (S) Hst C 377. **Oregon History.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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 and Mort, Portland, 1946; Winther, *The Great Northwest*, Alfred A. Knopf, 1950; *Oregon Blue Book* (latest edition available).

Hst 377 will be offered only until Hst 478 is completed. Hst 478 is being prepared, and will be available soon.

- (U) Hst C 391. **Far East in Modern Times.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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. The first term 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* (5th ed.), D. Appleton Century Co., 1950.

- (U) Hst C 392. **Far East in Modern Times.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

This term covers the foreign relations of China and Japan from 1900 until 1921. It treats 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 391.

- (U) Hst C 393. **Far East in Modern Times.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

This term 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 391.

- (U) Hst C 473. **American Foreign Relations.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

This course and Hst C 474 constitute a study of the relations of the United States with other powers and development of American foreign policies.

Text: Bailey, *A Diplomatic History of the American People* (5th ed.), F. S. Crofts and Co., 1955.

- (U) Hst C 474. **American Foreign Relations.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Hst C 473. Same text.

- (U) Hst C 478. **History of the Pacific Northwest.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Detailed study of the building of civilization in the Pacific Northwest. Prerequisite: Hst 201, 202.

Text: Gates and Johansen, *Empire of the Columbia*, Harpers.

Hst 377 will be offered only until Hst 478 is completed. Hst 478 is being prepared, and will be available soon.

- (C) Hst C 492. **World Problems.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
 Consideration is given to current and significant political, economic, and social problems of the nations in relation to American culture.
 Text: Schuman, *International Politics* (5th ed.), McGraw-Hill Book Co., 1953.

Home Economics

- (S) FN C 225. **Nutrition.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
 Nutritive value of foods from the standpoint of newer scientific investigations; selection of an optimal diet for health; present-day problems in nutrition.
 Text: Bogert, *Nutrition and Physical Fitness* (6th ed.), W. B. Saunders Co., 1954.
- (S) FL C 311. **Child Development.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
 Growth and development of normal preschool children. Prerequisite: Psy 207 or Psy 202.
 Texts: Breckenridge and Vincent, *Child Development*, W. B. Saunders Co., 1955; Merry, Frieda and Ralph, *The First Two Decades of Life*, Harper and Bros., 1950; Spock, *Pocket Book of Baby and Child Care*, Pocket Books, 1955.
- (S) FL C 312. **Child Development.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
 A continuation of FL C 311.
 Texts: Breckenridge and Vincent, *Child Development*, W. B. Saunders Co., 1955; Jersild, *Child Psychology*, Prentice-Hall, 1954.
- (S) CT C 331. **Home Furnishing.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
 Furnishing a small home from standpoint of comfort, beauty, and economy; influence of historic design. Prerequisite: CT 250, AA 161, 178.
 Text: Faulkner, *Inside Today's Home*, Henry Holt and Co., 1954.
- (S) HAd C 340. **Management in Family Living.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.
 A definition of management and its application in family-centered situations. Prerequisite: junior standing.
 Texts: Gross and Crandall, *Management for Modern Families* (1st ed.), Appleton-Century-Crofts, Inc., 1954; Goodyear and Klohr, *Management for Effective Living* (1st ed.), John Wiley and Sons, Inc., 1954.
- (S) HAd C 341. **Family Finance Management.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.
 Management of income, expenditures, credit, savings, insurance, Social Security, and taxes. Prerequisite: junior standing.
 Texts: Gross and Crandall, *Management for Modern Families*, Appleton-Century-Crofts, Inc., 1954; Morgan, *Consumer Economics*, Prentice-Hall, 1955.

Journalism

- (U) J C 468. **Magazine Article Writing.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
 A study of the problems of writing and selling articles, with emphasis on the marketing of manuscripts.
 Text: Bird, *Article Writing and Marketing*, Rinehart and Co., 1948.
- (U) J C 469. **Magazine Article Writing.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
 A continuation of J C 421. Same text.

- (U) J C 487. **History of Journalism.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A study of the changing character of the newspaper, with emphasis on the contributions of outstanding editors, publishers, and inventors. The evolution of freedom of the press, editorial and business standards, mechanics, and advertising practices.

Text: Emery and Smith, *The Press and America*, Prentice-Hall, 1954. Available October 1, 1957.

Languages

FRENCH

- (U) RL C 1. **First-Year French.** (First term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

This course and RL C 2 and 3 provide a thorough grammatical foundation and an elementary reading knowledge of French.

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

- (U) RL C 2. **First-Year French.** (Second term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

A continuation of RL C 1. Same texts.

- (U) RL C 3. **First-Year French.** (Third term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

A continuation of RL C 2.

Texts: Micks and Longi, *Fundamental French*, Oxford University Press, 1940; Beattie, *A French Reader for Beginners*, Dryden Press, 1949; Skinner and Brady, *Vingt Contes Divers*, Dryden Press, 1946.

- (U) RL C 101. **Second-Year French.** (First term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

Study of selected texts of representative authors; review of grammar.

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

- (U) RL C 102. **Second-Year French.** (Second term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

A continuation of RL C 101.

Texts: Barton and Sirich, *Simplified French Review Grammar and Composition*, F. S. Crofts and Co., 1941; Loti, *Pêcheur d'Islande*, Henry Holt and Co., 1948.

- (U) RL C 103. **Second-Year French.** (Third term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

A continuation of RL C 102.

Texts: Barton and Sirich, *Simplified French Review Grammar and Composition*, F. S. Crofts and Co., 1941; de Musset, *Les Trois Comédies*, D. C. Heath and Co., 1932.

- (U) RL C 311. **Survey of French Literature.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

The first term of a three-term sequence in third-year French. A general review of French literature with reading of masterpieces of various periods. Not open to students who have had RL 201, 202, 203 in residence. Prerequisite: 2 years of college French.

Texts: Lanson and Tuffrau, *Manual d'Histoire de la Littérature Française*, D. C. Heath and Co., 1938; *Nouvelle Anthologie Française* (Schinz, Robert and Giroud, eds.), Harcourt, Brace and Co., 1950.

- (U) RL C 312. **Survey of French Literature.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of RL C 311. Same texts.
- (U) RL C 313. **Survey of French Literature.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of RL C 312. Same texts.

GERMAN

- (U) GL C 1. **First-Year German.** (First term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.
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 and Co., 1948.
- (U) GL C 2. **First-Year German.** (Second term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.
A continuation of GL C 1, covering the last 15 chapters of the text and a reader.
Texts: Same text, plus Wiens, *Bilderlesebuch für Anfänger* (2nd ed.), Henry Holt and Co., 1948.
- (U) GL C 3. **First-Year German.** (Third term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.
A continuation of GL C 2. It also includes a review of all the basic principles of German grammar and thus may be used as a review of first-year German by those who have had no contact with the language for some time.
Texts: Röseler, *German in Review*, (rev. ed.), Henry Holt and Co., 1953; Fabrizius, . . . lacht am besten, Appleton-Century-Crofts, Inc., 1957.
- (U) GL C 101. **Second-Year German.** (First term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.
Includes 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 and Co., 1947; Schnitzler, *Der Blinde Geronimo und sein Bruder*, D. C. Heath and Co., 1929; Cochran, *A Practical German Review Grammar*, Prentice-Hall, 1947.
- (U) GL C 102. **Second-Year German.** (Second term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.
A continuation of GL C 101, with emphasis on reading ability for both content and translation.
Texts: van Eerden und Ulmer, *Deutsche Novellen*, Henry Holt and Co., 1948; Cochran, *A Practical German Review Grammar*, Prentice-Hall, 1947.

SPANISH

- (U) RL C 11. **First-Year Spanish.** (First term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.
An introduction to Spanish, stressing speaking and reading. Exercises in elementary composition. Use of records optional.
Texts: Crow, *Spanish American Life*, Henry Holt and Co., 1941; LaGrone, *Conversational Spanish*, (rev. ed.), Henry Holt and Co., 1948.
- (U) RL C 12. **First-Year Spanish.** (Second term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.
A continuation of RL C 11. Same texts.

- (U) RL C 13. **First-Year Spanish.** (Third term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.
A continuation of RL C 12. Same texts.
- (U) RL C 107. **Second-Year Spanish.** (First term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.
Intensive oral and written exercises designed to help the student acquire an accurate and fluent use of Spanish. Reading of representative authors.
Texts: Keniston, *A Standard List of Spanish Words and Idioms*, D. C. Heath and Co., 1941; Jarrett, *Sal Y Sabor de México*, Houghton Mifflin Co., 1944; Centano and Rogers, *Libro de Repaso y Conversación*, The Dryden Press, 1952.
- (U) RL C 108. **Second-Year Spanish.** (Second term). 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.
A continuation of RL C 107.
Texts: Centano and Rogers, *Libro de Repaso y Conversación*, The Dryden Press, 1952; Miller and Farr, *First Readings in Spanish Literature*, D. C. Heath and Co., 1942; Goldos, *Doña Perfecta*, Ginn and Co., 1950.
- (U) RL C 109. **Second-Year Spanish.** (Third term). 4 q.h. 14 a. \$36.00 for Oregon residents; others, \$43.00.
A continuation of RL C 108.
Texts: Brady and Turk, *Romantic Spanish Readings*, D. Appleton-Century Co., 1939; Goldos, *Doña Perfecta*, Ginn and Co., 1950.

Library Methods

- (U) Lib C 382. **Book Selection and Evaluation.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
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*, Columbia University Press, 1950; Douglas, *Teacher-Librarian's Handbook* (latest ed.), American Library Association; high school teachers also will need *Basic Book Collection for High School* (latest ed.), elementary teachers will need *Basic Book Collection for Elementary Schools* (latest ed.); Committee on College Reading, *Good Reading*, New American Library, Mentor Books; Stefferud (ed.), *The Wonderful World of Books*, New American Library, Mentor Books.
- (U) Lib C 386. **Organization of Library Materials.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
Instruction and practice in simplified procedures for the acquisition, preparation, organization, and circulation of books and related library materials.
Text: Akers, *Simple Library Cataloging* (4th ed.), American Library Association, 1954.
- (C) Lib C 388. (Eng C 388). **Children's Literature and Library.** 4 q.h. 22 a. \$36.00 for Oregon residents; others, \$43.00.
Designed to give an acquaintance with good books and magazines for children, and procedures in introducing them to children. Experience with and knowledge of school library procedures.
Texts: Arbuthnot, *Children and Books* (2nd ed.), Scott, Foresman and Co., 1957; Gardiner, *Administering Library Service in the Elementary School*, A. L. A., 1954; *Standards for Elementary Schools in Oregon*, Oregon State Department of Education.
- (U) Lib C 484. **School Library Administration.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Planned for school administrators as well as librarians; particular emphasis on the place of the library in the instructional program. Problems of support and control; housing and equipment; standards; evaluation; objectives.

Texts: Fargo, *The Library in the School* (4th ed.), American Library Association, 1947; Douglas, *The Teacher-Librarian's Handbook* (2nd ed.), American Library Association, 1949.

- (U) Lib C 488. **Books and Related Materials for Young People.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Primarily a reading course based on materials suitable for the junior and senior high school. Emphasis on the library as an information laboratory.

Texts: Haines, *Living with Books*, Columbia University Press, 1950; *Standard Catalog for High School Libraries* (1947 and 1952 editions and supplements), H. W. Wilson Co. (If these cannot be borrowed from your school library, they should be purchased directly from the publisher.)

Literature

See **English and Literature**, page 19.

Mathematics

- (U) Mth C 10. **Elements of Algebra.** 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

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 and Bros. (rev. ed.), 1954.

- (U) Mth C 20. **Elements of Plane and Solid Geometry.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.

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 and Co., 1943.

- (U) Mth C 21. **Elements of Plane and Solid Geometry.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.

A continuation of Mth C 20. Same text.

- (U) Mth C 22. **Elements of Plane and Solid Geometry.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.

Essentials of solid geometry for students who did not have it in high school.

Text: Welchons and Krickenberger, *Solid Geometry* (rev. ed.), Ginn and Co., 1943.

- (S) Mth C 100. **Intermediate Algebra.** 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

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 and Co., 1946.

- (S) Mth C 101. **College Algebra.** 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

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 100 or three semesters of high-school algebra.

Text: Hart, *College Algebra* (4th ed.), D. C. Heath and Co., 1953.

- (S) Mth C 102. **Trigonometry.** 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

The standard college course, emphasizing the theory of trigonometric functions as well as their application in solving triangles. Prerequisite: Math 100, Mth 101 or Mth 105 and plane geometry.

Text: Rosenback, Whitman, Mockovitz, *Plane Trigonometry*, with tables, Ginn and Co., 1943.

- (S) Mth C 103. **Analytic Geometry.** 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

Applications of algebra to geometry. A thorough treatment of the straight line, conic sections and related topics. Prerequisites: plane geometry, Mth 101 and 102, or Mth 105 and 106.

Text: Love, *Elements of Analytic Geometry* (3rd ed.), Macmillan Co., 1950.

- (U) Mth C 105. **College Algebra.** 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

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 100 or three semesters of high-school algebra.

Text: Hart, *College Algebra* (4th ed.), D. C. Heath and Co., 1953.

- (U) Mth C 106. **Plane Trigonometry.** 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

The standard college course, emphasizing the theory of trigonometric functions as well as their applications in solving triangles. Prerequisites: Mth 100, Mth 101 or Mth 105 and plane geometry.

Text: Rosenback, Whitman, Mockovitz, *Plane Trigonometry*, with tables, Ginn and Co., 1943.

- (U) Mth C 107. **Analytic Geometry.** 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

Applications of algebra to geometry. A thorough treatment of the straight line, conic sections and related topics. Prerequisites: plane geometry, Mth 101 and 102, or Mth 105 and 106.

Text: Love, *Elements of Analytic Geometry* (3rd ed.), Macmillan Co., 1950.

- (U) Mth C 108. **Mathematics of Finance.** 4 q.h. 22 a. \$36.00 for Oregon residents; others, \$43.00.

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 and Co., 1946.

- (U) Mth C 201. **Differential and Integral Calculus.** 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

The first term of a three-term sequence designed to lay a thorough foundation for all advanced work in mathematics and its application. Prerequisite: Mth 101, 102, 103 or equivalent.

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

- (U) Mth C 202. **Differential and Integral Calculus.** 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

A continuation of Mth C 201. Same text.

- (U) Mth C 203. **Differential and Integral Calculus.** 4 q.h. 24 a. \$36.00 for Oregon residents; others, \$43.00.

A continuation of Mth C 202. Same text.

- (U) Mth C 314. **Advanced College Algebra.** 3 q.h. 19 a. \$27.00 for Oregon residents; others, \$34.00.

An extension of the work in Mth 105. Prerequisite: one year of college mathematics.

Text: Hart, *College Algebra* (4th ed.), D. C. Heath and Co. 1953.

- (U) Mth C 316. **Solid Analytic Geometry.** 3 q.h. 17 a. \$27.00 for Oregon residents; others, \$34.00.

An analytic treatment of curves and surfaces in three-dimensional space. Prerequisite: Calculus or Mth 314.

Text: Olmstead, *Solid Analytic Geometry*, D. Appleton-Century Mathematics Series, 1947.

- (S) Mth C 421. **Introduction to Applied Mathematics.** 3 q.h. 20 a. \$27.00 for Oregon residents; others, \$34.00.

Fundamental concepts of differential equations.

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

- (U) Mth C 425. **Elements of Statistical Methods.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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 and Co., 1949.

- (U) Mth C 426. **Elements of Statistical Methods.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Design of experiments, sampling theory, tests of significance, analysis of variance. This course is a continuation of Mth C 425.

Text: Lindquist, *Statistical Analysis of Educational Experiments*, Houghton-Mifflin Co., 1940.

Physics

- (C) Ph C 191. **Rudiments of Meteorology.** 1 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.

For any students who need a descriptive treatment of weather, including such new topics as the jet stream, and the upper atmosphere in addition to the phenomena of winds, air masses, fronts, clouds, the wave cyclone, and precipitation. The integrating theme of "energy" is introduced and developed throughout. Text is supplied with course.

- (U) Ph C 201. **General Physics.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

This course and Ph C 202 and 203 cover the equivalent of classwork in first-year college physics. Ph C 201 is a study of mechanics and properties of matter. Prerequisite: mathematics equivalent to Mth 105 and Mth 106 or similar preparation. *This course does not include laboratory exercises.*

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

- (U) Ph C 202. **General Physics.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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.

- (U) Ph C 203. **General Physics.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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.

- (C) Ph C 390. **Basic Meteorology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

An introduction to the science of meteorology, dealing with the physical processes underlying observed weather phenomena. Designed for those who wish to study the subject for general information and enjoyment and for those interested in preparing themselves professionally—for example, for the Civil Service examinations for the lower ranks in the service on the U.S. Weather Bureau. Prerequisites: elementary algebra, plane geometry, and elementary physics.

Text: Blair, *Weather Elements* (4th ed.), Prentice-Hall, 1957.

- (C) Ph C 491. **Meteorology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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 the 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 390 or equivalent work in meteorology, college physics, algebra, elementary trigonometry, and some familiarity with the notation of calculus.

Text: Byers, *General Meteorology*, McGraw-Hill Book Co., 1944.

- (C) Ph C 492. **Meteorology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A study of the meteorological factors which must be considered in preparing a forecast. Included are the following topics: air masses, atmospheric stability; development of the wave cyclone; frontal structure; analysis of surface and upperlevel weather charts; the tools of the forecaster; preparation and verification of sample forecasts. Prerequisite: Ph 491 or equivalent preparation. Available after October 1, 1957.

Text: Byers, *General Meteorology*, McGraw-Hill Book Co., 1944.

- (C) Ph C 493. **Meteorology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Ph C 492.

Text: Malone, *Compendium of Meteorology*, American Meteorology Society, Boston, Massachusetts, 1951. If the student is unable to borrow a copy of this book, he should order it directly from the American Meteorology Society in Boston.

Physiology

- (U) Bi C 312. **Human Physiology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

For description see page 13.

- (U) Bi C 313. **Human Physiology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

For description see page 13.

Political Science

- PS C 01. **Preparation for Citizenship.** No credit. 21 a. \$3.50.

The purpose of this course is to help candidates for naturalization prepare for their citizenship examination if they cannot attend a regularly organized class. The course is planned for those who have a fair knowledge of English. The text is sent with the lesson outline.

- (U) PS C 201. **American Governments.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

National government.

Texts: Dimock and Dimock, *American Government in Action* (rev. ed.), Rinehart, 1951; Bishop and Hendel, *Basic Issues of American Democracy* (3rd ed.), Appleton-Century-Crofts, Inc., 1956.

- (U) PS C 202. **American Governments.** 3 q.h. 15 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of PS C 201.

Texts: Dimock and Dimock, *American Government in Action* (rev. ed.), Rinehart, 1951; Christensen and Kirkpatrick, *The People, Politics, and the Politicians*, Henry Holt and Co., 1950.

Psychology

- (U) Psy C 201. **General Psychology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

This course is the first of a three-term sequence. The first two terms cover the principles; the third term covers 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., 1951; Munn, *Students' Manual to accompany Psychology*; Valentine and Wickens, *Experimental Foundations of General Psychology* (3rd ed.), Rinehart, 1949.

- (U) Psy C 202. **General Psychology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Psy C 201. Same texts.

- (U) Psy C 204. **Psychology of Adjustment.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

The nature and origins of differences in personality; means of making desired changes. Prerequisite: Psy 201, 202.

Texts: Saul, *Emotional Maturity*, J. B. Lippincott Co., 1947; Leeper, *Psychology of Personality*, Edwards Brothers, Ann Arbor, 1941.

- (U) Psy C 450. **Abnormal Psychology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Various forms of unusual behavior, including anxiety states, hysteria, hypnotic phenomena and psychoses. Normal motives and adjustment mechanisms as they are exaggerated in the so-called neurotic person.

Texts: Maslow and Mittlemann, *Principles of Abnormal Psychology: The Dynamics of Psychic Illness* (rev. ed.), Harper and Bros., 1951; White, *The Abnormal Personality, A Textbook*, The Ronald Press, 1948.

- (U) Psy C 460. **Developmental Psychology I: Infancy and Childhood.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

Development of behavior and psychological activity through the prenatal period, infancy, childhood, adolescence, maturity, and old age. Changes of intelligence, motor capacity, emotional response, language, and social behavior. Emphasis on social influence.

Texts: Thompson, *Child Psychology*, Houghton Mifflin Co., 1952; Barker, Kounin, Wright, *Child Behavior and Development*, McGraw-Hill Book Co., 1943.

- (U) Psy C 461. **Developmental Psychology II: Adolescence and Maturity.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of Psy C 460.

Texts: Horrocks, *Psychology of Adolescence*, Houghton Mifflin Co., 1951; National Society for Study of Education, 43rd Yearbook, Part I, *Adolescence*.

Secretarial Science*

- (S) SS C 111. **Stenography.** (Simplified Gregg). 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

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

Text: Leslie, Zoubek and Hosler, *Gregg Shorthand Simplified for Colleges* (Vol. I), McGraw-Hill Book Co., 1953.

- (S) SS C 112. **Stenography.** (Simplified Gregg). 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.

A continuation of SS C 111. Same text.

* See also Business Administration, page 14.

- (S) SS C 113. **Stenography.** (Simplified Gregg). 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of SS C 112.
Text: Leslie, Zoubek and Hosler, *Gregg Shorthand Simplified for Colleges* (Vol. II), McGraw-Hill Book Co., 1953.
- (S) SS C 121. **Typing.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.
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 a year of typing in high school may not take SS C 121 for credit.
Text: Lessenberry and Wanous, *College Typewriting* (4th ed.), South-Western Publishing Co., 1947.
- (S) SS C 122. **Typing.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.
A continuation of SS C 121. More work on letters, speed emphasis, improvement of stroking skill, tabulating and manuscript typing.
Texts: Same text as for SS C 121, plus *Workbook*, Parts I and II, by the same authors.
- (S) SS C 123. **Typing.** 2 q.h. 12 a. \$18.00 for Oregon residents; others, \$25.00.
A continuation of SS C 122. Office forms, legal documents, application letters, personal typewriting.
Texts: Same as for SS C 121, plus *Workbook*, Parts III and IV, by the same authors.
- (S) SS C 422. **Office Organization and Management.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
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 on office management in relation to small or moderate-size offices.
Text: MacDonald, *Office Management* (3rd ed.), Prentice-Hall, 1947.

Sociology

- (U) Soc C 204. **General Sociology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
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* (2nd ed.), Houghton Mifflin Co., 1950; Wilson, Logan and Kolb, *Sociological Analysis*, Harcourt, Brace and Co., 1949.
- (U) Soc C 205. **General Sociology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Soc C 204. Some texts.
- (U) Soc C 206. **General Sociology.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A continuation of Soc C 204 and 205.
Text: Elliott and Merrill, *Social Disorganization* (3rd ed.), Harper and Bros., 1950.
- (U) Soc C 338. **Marriage and the Family.** 3 q.h. 16 a. \$27.00 for Oregon residents; others, \$34.00.
A course designed to give the student an understanding of the institution of marriage and the family, with emphasis on the functions of the family in modern social life. Prerequisite: junior standing.
Text: Duvall, *Family Development*, J. B. Lippincott, 1957; Blood, *Anticipating Your Marriage*, Free Press, 1955.

High School Courses

These courses are offered in cooperation with the office of the State Superintendent of Public Instruction and, when approved by the student's high-school principal, may be applied for credit toward graduation. General Extension Division does not grant diplomas; this is done by the local high school. Regardless of his age, the student wishing to graduate from high school through the use of correspondence study should consult his high-school principal who will advise him in the selection of courses. Credit earned through General Extension Division may be transferred to the high school at which it is to be used.

These courses also may be used by students 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 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) 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. \$22.00 for Oregon residents; others, \$29.00.

The aim of this course is to give the student instruction in practical method of bookkeeping and information concerning principles underlying all accounting records. It includes a study of business relationships as affecting 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 Publishing Co., 1947 (Stock No. B 45); workbook for use with *20th Century Bookkeeping and Accounting*, Chapters 1-16 (Stock No. B 411); L. R. Dean Practice Set *without* business papers (Stock No. B 414).

BA C 2 E. Introduction to Accounting. $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

A continuation of BA C 1 E.

Texts: Carlson, Forkner, Prickett, *20th Century Bookkeeping and Accounting* (19th ed.), South-Western Publishing Co., 1947 (Stock No. B 45); workbook for use with *20th Century Bookkeeping and Accounting*, begins with Chapter 17 (Stock No. B 421); Curry and Todd Practice Set *without* business papers (Stock No. B 426).

Drawing

Mech D C I E. Mechanical Drawing I. $\frac{1}{2}$ u. 10 a. \$22.00 for Oregon residents; others, \$29.00.

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.

Texts: French and Svensen, *Mechanical Drawing* (5th ed.), McGraw-Hill, 1934; workbook, Levens and Edstrom, *Problems in Mechanical Drawing, First Course* (5th ed.), McGraw-Hill, 1950.

Mech D C 2 E. **Mechanical Drawing II.** $\frac{1}{2}$ u. 10 a. \$22.00 for Oregon residents; others, \$29.00.

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.

Texts: French and Svensen, *Mechanical Drawing* (5th ed.), McGraw-Hill, 1934; workbook, Levens and Edstrom, *Problems in Mechanical Drawing, Second Course*, McGraw-Hill, 1950.

English

Eng C 1 E. **Ninth-Grade English I.** $\frac{1}{2}$ u. 18 a. \$22.00 for Oregon residents; others, \$29.00.

The first semester of first-year high-school English.

Text: Tressler, *English in Action, Course I* (5th ed.), D. C. Heath and Co., 1950.

Eng C 2 E. **Ninth-Grade English II.** $\frac{1}{2}$ u. 18 a. \$22.00 for Oregon residents; others, \$29.00.

The second semester of first-year high-school English.

Text: Ross, Thompson and Lodge, *Adventures in Reading* (Mercury Edition), Harcourt, Brace and Co., 1952.

Eng C 3 E. **Tenth-Grade English III.** $\frac{1}{2}$ u. 18 a. \$22.00 for Oregon residents; others, \$29.00.

The first semester of second-year high-school English.

Text: Tressler, *English in Action, Course II* (5th ed.), D. C. Heath and Co., 1950.

Eng C 4 E. **Tenth-Grade English IV.** $\frac{1}{2}$ u. 18 a. \$22.00 for Oregon residents; others, \$29.00.

The second semester of second-year high-school English.

Text: Cook, Loban and Baxter, *Adventures in Appreciation* (Mercury Edition), Harcourt, Brace and Co., 1952.

Eng C 5 E. **Eleventh-Grade English V.** $\frac{1}{2}$ u. 18 a. \$22.00 for Oregon residents; others, \$29.00.

The first semester of third-year high-school English.

Text: Tressler, *English in Action, Course III* (5th ed.), D. C. Heath and Co., 1950.

Eng C 6 E. **Eleventh-Grade English VI.** $\frac{1}{2}$ u. 18 a. \$22.00 for Oregon residents; others, \$29.00.

The second semester of third-year high-school English.

Text: Inglis, Bowman, Gehlman, Schramm, *Adventures in American Literature* (Mercury Edition), Harcourt, Brace and Co., 1952.

Eng C 7 E. **Twelfth-Grade English VII.** $\frac{1}{2}$ u. 18 a. \$22.00 for Oregon residents; others, \$29.00.

The first semester of fourth-year high-school English.

Text: Tressler, *English in Action, Course IV* (5th ed.), D. C. Heath and Co., 1950.

Eng C 8 E. **Twelfth-Grade English VIII.** $\frac{1}{2}$ u. 18 a. \$22.00 for Oregon residents; others, \$29.00.

The second semester of fourth-year high-school English.

Text: Inglis, Stauffer and Larsen, *Adventures in English Literature* (Mercury Edition), Harcourt, Brace and Co., 1952.

Eng C 13 E. **Grammar, Punctuation and Usage Review.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

Intended to give the student a review of all facts and principles of grammar having practical application in relation to punctuation and good usage. Practice is followed by objective mastery tests.

Text: Tressler, *Grammar in Action* (3rd ed.), D. C. Heath and Co., 1953.

Languages

LATIN

Lat C 1 E. **Beginning Latin.** (First semester). $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

This course and Lat C 2 E are the equivalent of the regular high school course in first-year Latin. Their purpose is to help students 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 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* (rev. ed.), Macmillan Co., 1950.

Lat C 2 E. **Beginning Latin.** (Second semester). $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

A continuation of Lat C 1 E and equivalent to the second semester of first-year high-school Latin. Same text.

Lat C 3 E. **Second-Year Latin.** (First semester). $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

This course and Lat C 4 E are the equivalent of second-year high-school Latin.

Text: Ullman and Henry, *Latin for Americans, Second Book* (rev. ed.), Macmillan Co., 1950.

Lat C 4 E. **Second-Year Latin.** (Second semester). $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

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

SPANISH

Sp C 1 E. **First-Year High-School Spanish.** (First semester). $\frac{1}{2}$ u. 25 a. \$22.00 for Oregon residents; others, \$29.00.

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 and Co., 1938.

Sp C 2 E. **First-Year High-School Spanish.** (Second semester). $\frac{1}{2}$ u. 25 a. \$22.00 for Oregon residents; others, \$29.00.

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 and Co., 1938.

Sp C 3 E. **Second-Year High-School Spanish.** (First semester). $\frac{1}{2}$ u. 23 a. \$22.00 for Oregon residents; others, \$29.00.

A continuation of high-school Spanish for those who have completed the first-year course.

Text: Jarrett, *El Camino Real, Book II* (3rd ed.), Houghton Mifflin Co., 1954.

Sp C 4 E. **Second-Year High-School Spanish.** (Second semester). $\frac{1}{2}$ u. 23 a. \$22.00 for Oregon residents; others, \$29.00.

A continuation of Sp C 3 E. Same text.

Mathematics

Mth C 1 E. **Elementary Algebra, A1.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

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 and Co., 1946.

Mth C 2 E. **Elementary Algebra, A2.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

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

Mth C 3 E. **Intermediate Algebra.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

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 and Co., 1946.

Mth C 4 E. **Plane Geometry, G1.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

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

Text: Welchons and Krickenberger, *Plane Geometry* (rev. ed.), Ginn and Co.

Mth C 5 E. **Plane Geometry, G2.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

A continuation of G1. Same text.

Mth C 6 E. **Solid Geometry, G3.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

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

Text: Welchons and Krickenberger, *Solid Geometry* (rev. ed.), Ginn and Co., 1950.

Mth C 7 E. **Elementary Trigonometry.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

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*, Macmillan Co., 1945.

Mth C 8 E. **Arithmetic.** $\frac{1}{2}$ u. 22 a. \$22.00 for Oregon residents; others, \$29.00.

For high-school students or adults who feel they need further study in 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 Publishing Co., 1943.

Science

Bi C 1 E. **Biology I.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

This course and Bi C 2 E cover the fundamental principles of 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 and Co., 1954.

Bi C 2 E. **Biology II.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.

A continuation of Bi C 1 E and the equivalent of the second semester's work in high-school biology. Same text.

- Ph C 1 E. **Physics I.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.
The first semester of high-school physics.
Texts: Dull, Metcalfe, Brooks, *Modern Physics*, Henry Holt and Co., -955; Dull and Metcalfe, *Laboratory Experiments in Physics* (rev. ed.), Henry Holt and Co., 1955.
- Ph C 2 E. **Physics II.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.
The second semester of high-school physics. Same text as for Ph C 1 E.

Social Studies

- Hst C 3 E. **World History I.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.
This course and Hst C 4 E are designed to give students a knowledge of the background of history. This term deals with world history from the time of primitive man to the French Revolution.
Texts: Hughes, *The Making of Today's World*, Allyn and Bacon, 1949; Pahlow, *Man's Great Adventure* (rev. ed.), Ginn and Co., 1949.
- Hst C 4 E. **World History II.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.
A continuation of Hst C 3 E, reviewing briefly world history from the French Revolution to the present. Same text as for Hst C 3 E.
- Hst C 5 E. **American History I.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.
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 beginning to the close of the reconstruction period following the Civil War.
Texts: Wirth, *The Development of America*, American Book Co., 1950; 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. \$22.00 for Oregon residents; others, \$29.00.
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. \$22.00 for Oregon residents; others, \$29.00.
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 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* (3rd ed.), Harper and Bros., 1947; Sorenson and Malm, *Psychology for Living*, McGraw-Hill.
- Prb C 8 E. **American Problems II.** $\frac{1}{2}$ u. 24 a. \$22.00 for Oregon residents; others, \$29.00.
This course covers the second semester's work in American Problems. Same texts as for Prb C 7 E.

Seminars in Correspondence

Students who take the same correspondence course may wish to study together. This procedure is encouraged. After reading each assignment, the student will find it helpful to discuss the topics with others. However, under this plan each student is expected to submit his original answers to the questions in the written assignment. Written assignments should be prepared separately after the discussion-group meeting. If you decide to become a member of a seminar group, contact General Extension Division in order that all in your group may have the same instructor assigned to them.

Study Courses for Clubs

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 Office of Correspondence Study, General Extension Division, Eugene.

General Extension Division

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

Department of State-Wide Services

Emerald Hall, University Campus
Eugene, Oregon

Department of Visual Instruction

Room 131, Coliseum Building
State College Campus
Corvallis, Oregon

Educational Radio and Television

304 Physics Building
State College Campus
Corvallis, Oregon

Portland Extension Center

1633 S.W. Park Avenue
Portland 1, Oregon

Portland Summer Session

1633 S.W. Park Avenue
Portland 1, Oregon

Institute of International Affairs

1633 S.W. Park Avenue
Portland 1, Oregon

Portland Extension Center

Portland Extension Center extends the resources, curricula, and facilities of the six institutions of higher education within the State System to persons in the Portland metropolitan area.

The Center does not grant degrees, but offers a diversified program of related graduate and undergraduate courses in many of the major fields of study which comprise the curricula at the University of Oregon and the state colleges. Work taken at the Center may be applied toward graduation from any of these degree-granting institutions, providing residence and other individual requirements are met.

In addition to the program of accredited college and university courses designed to meet degree requirements, Portland Extension Center participates with industry, labor, and the professions in conducting cooperative courses in specific areas at the professional level. A program of courses aimed at the avocational interests of the community also is maintained.

Publications of General Extension Division

General Extension Division issues the following publications, copies of which will be mailed on request.

Correspondence Study Bulletin

Persons desiring to register for correspondence courses should write for the latest bulletins to the Office of Correspondence Study, 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 obtained by writing the 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 General Extension Division, Oregon State System of Higher Education, 1633 S.W. Park Ave., Portland 1, Oregon.

Teachers' Broadcast Guide, School of the Air, KOAC

An aid to teachers whose classes listen to the School of the Air program. Write to Radio Station KOAC, Department of Educational Radio and Television, Corvallis, Oregon.

KOAC Radio Program

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

General Extension Journal

News published quarterly for students and staff of General Extension Division. Write to General Extension Division, Oregon State System of Higher Education, Eugene, Oregon.

Bulletin of Portland Summer Session

Write to General Extension Division, Oregon State System of Higher Education, 1633 SW Park Avenue, Portland 1, Oregon.

The Department of State-Wide Services

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

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

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

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

Department of State-Wide Services

Administration

- JOHN R. RICHARDS, Ph.D., Chancellor, Oregon State System of Higher Education.
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- VIRON A. MOORE, Ed.D., Assistant Dean, General Extension Division; Head, Department of State-Wide Services; Professor of Education.
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 FREDERICK M. HUNTER, Ed.D., LL.D..... 1935-1946
 PAUL C. PACKER, Ph.D., LL.D..... 1946-1950
 CHARLES D. BYRNE, Ed.D..... 1950-1955

Oregon State System of Higher Education

- JOHN REESE RICHARDS, Ph.D., Chancellor, State System of Higher Education; Professor.
B.A. (1929), M.S. (1931), Pennsylvania State; Ph.D. (1936), Chicago. With System since 1953, chancellor since 1955.
-
- DAVID W. E. BAIRD, M.D., LL.B., Dean of Medical School; Professor of Medicine.
M.D. (1926), Oregon; LL.D. (1946), Portland. With System since 1927, dean, Medical School, since 1943.
- FRANK BROWN BENNETT, Ed.D., President, Eastern Oregon College; Professor.
B.A. (1921), Willamette; M.A. (1933), Oregon; Ed.D. (1948), Willamette. With System since 1952, president, Eastern Oregon, since 1952.
- HERBERT ARNOLD BORK, M.S., C.P.A., Comptroller and Bursar, State System of Higher Education; Dean; Professor.
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- RICHARD LYLE COLLINS, M.A., C.P.A., Budget Director, State System of Higher Education; Professor.
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- (WILLIAM) TRAVIS CROSS, B.A., Assistant to the Chancellor and Director of Information; Associate Professor.
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- AUGUST LEROY STRAND, Ph.D., President, Oregon State College; Professor.
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