

OREGON STATE SYSTEM OF HIGHER EDUCATION

BULLETIN

Portland Summer Session
Portland, Oregon



SUMMER SESSION • 1948

State Board of Higher Education

	Term Expires
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GEORGE F. CHAMBERS, Salem.....	1951
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Office of the State Board of Higher Education
Eugene, Oregon

Portland Summer Session

of the

University of Oregon, Oregon State College
Oregon College of Education
Southern Oregon College of Education
Eastern Oregon College of Education

Six-Week Session

June 15-July 23

Five-Week Session

July 26-August 27

1948

Oregon State System of Higher Education

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

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

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

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

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Oregon State System of Higher Education

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Portland Summer Session

1948

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PORTLAND SUMMER SESSION CALENDAR

1948

SIX-WEEK SESSION

June 15.....	Registration at Lincoln High School.
June 16.....	Classes begin.
June 17.....	Last day for undergraduates to register without paying late-registration fee.
June 19.....	Last day for graduate students to register without paying late-registration fee (before noon).
June 21.....	Last day for adding a course or changing from auditor to credit student.
July 5.....	Holiday.
July 12.....	Last day for withdrawal from a course or changing from credit student to auditor.
July 22-23.....	Final examinations.

FIVE-WEEK SESSION

July 24.....	Registration at Portland Center office, 220 S. W. Alder (9:00 a.m. to 12:00 noon).
July 26.....	Classes begin.
July 28.....	Last day for undergraduates to register without paying late-registration fee.
July 31.....	Last day for graduate students to register without paying late-registration fee (before noon).
August 2.....	Last day for adding a course or changing from auditor to credit student.
August 9.....	Last day for withdrawal from a course or changing from auditor to credit student.
August 27.....	Final examinations.

General Information

THE thirty-first Portland Summer Session will consist of day classes for six weeks, from June 15 to July 23, and a five-week post session, July 26 to August 27. Both of these programs include courses from the University of Oregon, Oregon State College, and the Oregon colleges of education.

A student may earn nine term hours of undergraduate credit in either session. Students may complete in certain fields a total of 18 term hours of work, and thus accelerate their progress toward graduation by a full term. Graduate students who are unable to attend the summer sessions of the University at Eugene or of the State College at Corvallis may build satisfactory programs in a number of fields in the Portland Summer Session.

Location. The Portland office of the Oregon State System of Higher Education is located at 207 Education Center Building, 220 S.W. Alder Street. The telephone number is ATwater 2165. All administrative details of the classes of the Portland Summer Session are handled from this office. Office hours are from 9:00 a.m. to 4:00 p.m. except on Saturday, when the office closes at noon.

Most of the classes will be held at Lincoln High School, 1620 S.W. Park Avenue; workshops will be held at Holladay School, 1343 N.E. 9th Avenue.

Registration for Six-Week Session. Students may register from June 10 to June 14 at 207 Education Center Building. On Tuesday, Wednesday, and Thursday, June 15, 16, 17, students may register from 8:00 a.m. to 12:00 noon at Lincoln High School, and from 2:00 to 4:00 p.m. at 207 Education Center Building.

Undergraduates registering after Thursday, June 17, and graduate students registering after Saturday noon, June 19, must pay a late-registration fee.

Registration for Five-Week Session. The regular registration period for the five-week session will be Saturday, July 24, from 9:00 a.m. to 12:00 noon, in the Portland Center office, 207 Education Center Building. However, students who wish to register early may do so, beginning July 19, daily from 9:00 a.m. to 4:00 p.m. Undergraduate students registering after Wednesday, July 28, and graduate students registering after Saturday noon, July 31, must pay a late-registration fee.

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

Oregon State System of Higher Education. In Oregon all the state institutions of higher education are operated as correlated units of the State System of Higher Education. As a part of this organization, the Portland Summer Session draws upon the resources, the curricula, and the faculties of all the institutions. Credit earned in Portland may be counted as resident credit at the University, the State College, or the Colleges of Education. For the work available at these institutions and the specific requirements for degrees, the student should consult the institutional catalogs.

Admission and Degrees. The only requirement for admission to the summer session is ability to do the work. However, students who wish to become candidates for a degree from the University or the State College, or for a certificate from one of the Colleges of Education, must satisfy the regular entrance requirements of the State System of Higher Education and file a complete official transcript, covering all work taken above the eighth grade, with the registrar of the institution where continued study is planned. Students who do not plan to work toward a degree need not submit transcripts of high-school or college work.

Filing of credentials is not required of students who wish to transfer undergraduate credits earned in the Portland Summer Session to a university, college, or teachers college outside the Oregon State System of Higher Education.

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

Academic Credit. Students may earn 9 term hours of credit in either the six-week or the five-week session. The Graduate Council of Oregon State College will approve a total of 16 hours earned in the six- and five-week sessions; the Graduate Council of the University of Oregon will approve a maximum of 15 hours.

Graduate Credit. In the Portland Summer Session and the Portland Extension Center, a graduate student may complete all requirements for the degree of Master of Arts (General Studies). All work required for the Master of Education degree may be completed in Portland, except 8 term hours, which must be completed in residence on the University or State College campus. Fifteen term hours of work toward the Master of Arts (departmental), Master of Science, or Master of Science in General Studies degree may be completed in Portland.

The Master of Education (M.Ed.) is regarded as a professional teaching degree and not primarily a research degree. No thesis is required. A well-integrated program is planned for each individual for the purpose of improving his educational service as a teacher, supervisor, or administrator. Each program embraces two major fields or areas of study: (1) a common core of required courses; (2) an area of concentration which provides a complex of courses organized to meet the special interests and needs of the student. Both the qualifying and final examinations are written. Graduate work for the M.Ed. degree may be carried on with specialization in either elementary or secondary education. The degree will be conferred by the University of Oregon or Oregon State College.

Details of the requirements for a master's degree are available at the Portland office, 207 Education Center Building. Graduate summer students who wish to apply their Oregon credits toward advanced degrees at another institution should send undergraduate transcripts in advance to the registrar of the University of Oregon at Eugene or to the registrar of Oregon State College at Corvallis, or bring copies with them.

Grading System. The grading system consists of four passing grades: *A, B, C, D*; failure, *F*; incomplete, *Inc.*; withdrawn, *W*. *A* denotes exceptional accomplishment; *B*, superior; *C*, average; *D*, inferior. Students may withdraw from a course by filing the proper card within the stipulated time at the Summer Session office. A student who discontinues attendance in a course without official withdrawal receives a grade of *F*.

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

Teacher Training. Today's shortage of teachers has made rapid training an essential service. Undergraduate courses required for teachers' certification, together with graduate courses which will aid teachers to key their classwork to emergency conditions, will be offered in the Portland Summer Session. Holders of emergency teaching certificates, or certificates from other states, will be able to take the courses required for regular certification in the state of Oregon. Holders of provisional secondary certificates will find courses available which will meet certification requirements.

Clinical School. For the past twenty-two summers, a demonstration school has been a special feature at the Portland Summer Session. This summer, in cooperation with the Oregon State Department of Education and the Portland Public Schools, a clinical school will be held at St. Helens Hall, near Lincoln High School, where the regular Portland Summer Session classes are scheduled. Opportunity will be offered for observation of special methods in remedial reading, speech correction, and child guidance.

Curriculum Workshops. Experienced teachers and former teachers returning to their profession under emergency certification may enroll in workshops in primary, intermediate, and secondary education. A typical workshop combines lectures, observation of a demonstration school, and a forum-type discussion class for consideration of questions which arise during the observation period. The workshop method enables the teacher to familiarize himself with recent discoveries in his specific field, and to develop an individual program for his particular school. These

workshops are scheduled for four weeks, from June 15 to July 9, and will carry 5 hours credit.

Guidance Workshop. A four-week workshop will be held from June 15 to July 9. This will be a special in-service training course for deans, vice-principals, and counselors. Miss Frances D. McGill, supervisor of guidance, Portland Public Schools, will be in charge of the workshop. She will be assisted by other experts in the field of guidance. Enrollment is by consent of instructor.

Physical-Education Workshop. A two-week workshop in physical education will be held at Lincoln High School from July 26 to August 6. This workshop, presented in cooperation with the Oregon State Department of Education, is designed primarily for classroom teachers, school administrators, and recreational personnel.

Special Course in Driver Education for High-School Teachers. A one-week course for high-school teachers in driver education and highway safety will be given at Lincoln High School, August 23 to 27. Professor Amos E. Neyhart, administrative head, Institute of Public Safety, Pennsylvania State College, and road consultant, American Automobile Association, will be in charge. The Traffic Safety Division of the office of the Secretary of State of Oregon and the Oregon State Motor Association are cooperating in the offering of this course. Three term hours of credit may be earned.

Special Education. In cooperation with the Oregon State Department of Education and the Portland Public Schools, the Portland Summer Session has scheduled courses designed for all teachers who have handicapped pupils in their classrooms, as well as for those who desire to specialize in this field. The program includes courses dealing with: the education of the handicapped child; recognition of the needs of crippled and low-vitality children; materials and techniques used in meeting these needs; teaching the deaf and hard-of-hearing; corrective speech; remedial reading; and a clinic offering experience with children who have different types of reading difficulties. In addition, teachers of handicapped children will be interested in the following: a seminar in child guidance, a course in clinical methods in psychology, and a course giving an overview of social-agency structure and function in the community, with emphasis on Oregon agencies.

Beginning College Work at Vanport. A six-week summer session, followed by a five-week session, specializing in lower-division work will be offered at the Vanport Extension Center with the same dates at the Portland Summer Session. Courses will be offered in business administration, engineering, prelaw, premedicine, predentistry, and liberal arts. Special attention will be given to the needs of students who wish to enter college as regular students in the fall term. Emphasis is placed on the completion of year-sequence courses, by the scheduling of second- and third-term classes, and by providing the opportunity to complete a full year's sequence in a subject in one quarter. For a partial list of Vanport courses see pages 33-35.

Correspondence Study. Summer-session students may frequently find a schedule of correspondence courses through which to continue their program of study after the close of summer session. Correspondence courses available through the General Extension Division are listed on the inside of the back cover of this Catalog.

State-Wide Classes. Any community in Oregon may become an extension-class center if a satisfactory meeting place is provided and sufficient en-

rollment is guaranteed to cover the actual operating cost. Any group interested in forming a class should communicate with the Assistant Director, General Extension Division, Eugene, Oregon.

Portland Extension Center. The General Extension Division offers evening classes during the fall, winter, and spring terms through the Portland Extension Center. Classes are taught by instructors from the University of Oregon, Oregon State College, and the Colleges of Education, as well as by the regular members of the Portland Center faculty and specialists in business and the professions. The Portland Center office is at 207 Education Center Building, 220 S.W. Alder Street. The 1948 fall term will open September 20.

Fees and Fee Refunds

Registration fees and fee refunds for the Portland Summer Session are as follows:

REGISTRATION FEES

Registration fee for each session.....	\$25.00
Part-time and auditor's fee for 3 term hours or less, per hour.....	3.50
Late-registration fee.....	1.00 to 3.00

Six-week session: undergraduate students, \$1.00 for each day after 4:00 p.m., June 17, to a maximum of \$3.00; graduate students, the same charge after Saturday noon, June 19. Five-week session: undergraduate students, \$1.00 for each day after 4:00 p.m., July 28, to a maximum of \$3.00; graduate students, the same charge after Saturday noon, July 31.

FEE REFUNDS

First Session

To and including June 17.....	All but \$2.00
June 18 and 19.....	Three-fourths of registration fee
June 21 to and including June 26.....	One-half of registration fee
June 28 to and including July 3.....	One-fourth of registration fee

After July 3 no registration fees will be refunded.

Second Session

To and including July 28.....	All but \$2.00
July 29 to and including July 31.....	Three-fourths of registration fee
August 2 to and including August 7.....	One-half of registration fee
August 9 to and including August 14.....	One-fourth of registration fee

After August 14 no registration fees will be refunded.

Refund of laboratory fees will be determined in individual cases, the amount depending upon whether laboratory materials have been purchased for the student.

Refunds in all cases are calculated from the date of the application for the refund, and not from the date the student ceased attending the classes. Claims for refunds must be made in writing.

Special Fees. An examination fee of \$10.00 is paid by students not regularly registered who take preliminary or final examinations for advanced degrees. The degree fee is \$6.50.

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

Facilities and Special Events

Library. The collections of the Portland Public Library, totaling 736,000 volumes, are available to the students of the Portland Summer Session. For convenience, reference books covering assignments in all courses will be placed in the Lincoln High School Library (Room 217), which is open daily except Saturday and Sunday, from 8:00 a.m. to 4:00 p.m.

Cafeteria. The cafeteria on the ground floor of Lincoln High School will be open for breakfast and luncheon, Monday through Friday, during the six-week session. Breakfasts will be served, beginning at 7:30 a.m.

Textbooks. Textbooks are not listed in this Catalog, but will be announced by the instructors at the first meeting of their classes.

The Summer Signal, a four-page weekly newspaper, devoted exclusively to summer-school news, is published by the Portland Summer Session through its journalism class, and is distributed to the faculty and students.

Assemblies. Every Wednesday from 10:15 to 11:00 a.m. during the six-week session, there will be an assembly in the auditorium of Lincoln High School. Programs will consist of musical entertainment, plays, readings, and addresses by faculty members. The Wednesday morning schedule of class periods will be adjusted as follows to allow for the assembly hour:

8 o'clock classes	8:00 to 8:40
9 o'clock classes	8:45 to 9:25
10 o'clock classes	9:30 to 10:10
11 o'clock classes	11:15 to 11:55

Six-Week Session

June 15 to July 23

FOR an explanation of the course-numbering system, see page 10. The hours following the course title are the term hours of credit that may be earned in the course. All classes meet for one hour daily (Monday through Friday) except when otherwise indicated. The classrooms are in Lincoln High School except where otherwise designated. Classes may be cancelled because of insufficient enrollment or for other unavoidable reasons.

Examination Schedule. Final examinations will be given in courses in the six-week session in accordance with the following schedule:

8:00 o'clock classes.....	1:00-3:00 p.m., Thursday, July 22
9:00 o'clock classes.....	3:00-5:00 p.m., Thursday, July 22
10:00 o'clock classes.....	8:00-10:00 a.m., Friday, July 23
11:00 o'clock classes.....	10:00-12:00 noon, Friday, July 23
1:00 o'clock classes.....	1:00-3:00 p.m., Friday, July 23
2:00 o'clock classes.....	3:00-5:00 p.m., Friday, July 23

WORKSHOPS

VISITING FACULTY: BAIN, FENN, LEWIS, MCGILL, SANTEE.

- Ed 453s. **Secondary-Education Workshop.** (G) 5 hours.
Theory and unit construction for social studies, language arts, and mathematics in senior high schools; correlation and integration of subject fields; lectures, discussion groups, and individual projects. Daily, June 15-July 9, 8:00 a.m.-12:00 m. Holladay School.* Director: Santee.
- Ed 455s. **Primary-Education Workshop.** (G) 5 hours.
Theory and unit construction for kindergarten and primary grades, discussion, individual projects and research problems. Daily, June 15-July 9, 8:00 a.m.-12:00 m. Holladay School.* Director: Fenn.
- Ed 457s. **Intermediate-Education Workshop.** (G) 5 hours.
Methods of teaching social studies and language arts at the intermediate level; preparation of materials, lectures, individual projects and research problems. Daily, June 15-July 9, 8:00 a.m.-12:00 m. Holladay School.* Director: Fenn.
- Ed 508s. **Guidance Workshop.** 5 hours.
Designed to give participants actual experience in applying the information gained concerning techniques and principles in counseling. Practice will be provided in interviewing, testing, and interpreting tests under guidance. Enrollment limited to forty. Daily, June 15-July 9, 8:00 a.m.-12:00 m. Holladay School.* Director: McGill. Psychologist: Lewis.

ANTHROPOLOGY

VISITING FACULTY: LECHLER.

- Anth 413. **Problems of Race and Culture: The Individual in Culture.** (G) 3 hours.
Theory of culture; synthesis, integration, reflux. Tradition, invention, configuration in culture. Cultural psychology; role of play, imitation eras in culture patterns. The individual and society. Impact of culture upon the child. The child in primitive societies. Culture and personality formation. Daily, 8:00 a.m. Room 111.
- Anth 445. **Primitive Thought: Primitive Art.** (G) 3 hours.
Thought of primitives as reflected in their thought expression in various art forms. Daily, 10:00 a.m. Room 111.
- Anth 505. **Reading and Conference.** Hours to be arranged.

ART

VISITING FACULTY: L. GARRISON

- A 218. **Creative Crafts for Children.** 3 hours.
Creative problems developed in the course involve inexpensive materials. Discussion of types of problems suitable for children of varying degrees of mental, physical, and social maturity. Opportunities for experimenting with such media as paper, yarn, cardboard, clay, wood, and textiles. Daily, 9:00 a.m. Room 301.
- A 221. **Color Expression.** 3 hours.
Designed to develop a sensitivity to and an understanding of color as it functions in life and art education. Physical, psychological, and aesthetic aspects of color are discussed. The work is adjusted to the needs of the students. Daily, 10:00 a.m. Room 301.
- A 311. **Art Structure III.** 3 hours.
Various approaches to the problem of creative expression in art and the

* 1343 N.E. 9th Avenue.

flexible course of study. Lectures and discussions deal with problems of the art curriculum in the elementary grades, and with the relationship between the study of art and the life interest of the child. Daily, 11:00 a.m. Room 301.

BUSINESS ADMINISTRATION

PROFESSOR: LOMAX

- BA 223. **Elements of Marketing.** 3 hours.
Methods, policies, and problems. Private and cooperative channels, auctions, exchanges, middlemen; demand creation, assembly, standardization, packaging, financing, risk-taking, distribution. Daily, 9:00 a.m. Room 309.
- BA 471. **Foreign-Trade Technique.** (G) 3 hours.
Management of ocean shipping; organization of steamship companies; operating depots; port engineers; operating problems. Daily, 10:00 a.m. Room 309.

DRAMA

(See SPEECH AND DRAMA)

ECONOMICS

INSTRUCTOR: ROBBINS.

- Ec 201. **Principles of Economics.** 3 hours.
Principles that underlie production, exchange, and distribution. Daily, 10:00 a.m. Room 105.
- Ec 334. **Business Organization and Finance: Corporation Finance.** 3 hours.
Organization of corporations; how they obtain long-term funds; management of working capital; distribution of securities. Daily, 8:00 a.m. Room 105.
- Ec 413. **Money, Banking and Economic Crises.** (G) 3 hours.
Money, laws controlling its value, methods for measuring price levels, and devices for stabilizing purchasing power; principles of sound banking and use of credit; history and causes of and remedies for crises and panics. Daily, 11:00 a.m. Room 105.

EDUCATION

PROFESSOR: CRAMER. ASSOCIATE PROFESSOR: STEVENS. ASSISTANT PROFESSOR: CAUGHLAN.
INSTRUCTORS: HOPSON, PHELPS. VISITING FACULTY: BAIN, CAMPBELL, CHRISTENSEN, DEAN, DOBSON, FENN, GARRISON, GRAHAM, HAFNER, HAITHCOCK, HOFFMAN, LEWIS, MANGAN, SANTEE.

- Ed 311. **Secondary Education in American Life.** 3 hours.
An introductory study of the organization of education in the United States with particular reference to the secondary level and a consideration of issues and problems of secondary education in the United States. Daily, 9:00 a.m. Room 216. Campbell.
- Ed 312. **Educational Psychology.** 3 hours.
The laws of learning and their application in the classroom; motivation in learning, transfer of training, memory, forgetting. Prerequisite: General Psychology. Daily, 10:00 a.m. Room 208. Graham.
- Ed 313. **Principles of Teaching.** 3 hours.
Study of the classroom teaching process, including classroom organization and management, planning teaching units, evaluating pupil learning, and similar problems. Prerequisite: Ed 312. Daily, 8:00 a.m. Room 212. Caughlan.
- Ed 316. **Oregon School Law and System of Education.** 2 hours.
An analysis of the Oregon school system and of the laws on which the system

is based. Problems of Oregon schools, plans proposed for their solution, and trends in educational development in the state. MTuWTh, 11:00 a.m. Room 216. Campbell.

Ed 317s. Remedial Reading Clinic. 1 hour.

Student teachers will carry on supervised instruction at the Clinical School. Where possible, children will be utilized who have types of reading difficulties of special interest to the student instructor. Prerequisite: Ed 464s (may be taken concurrently). One hour daily, between 9:00 a.m. and 12:00 m. St. Helens Hall, 1845 S.W. 13th Avenue. Phelps. Bentall.

Ed 331s. The Crippled and Low-Vitality Child. 3 hours.

Planned to acquaint the teacher with the various physical handicaps of children: how to recognize them; their medical treatment; the child's reaction to his handicap; the teacher's approach to the child. Daily, 8:00 a.m. Room 317. Hainer.

Ed 359. Intermediate and Upper-Grade Education. 3 hours.

Principles and procedures of curriculum for intermediate and upper grades. Designed to acquaint student with modern teaching procedures and materials and to provide opportunity for application of sound psychological principles to guidance of children's learning. Class discussion and organization of teaching materials. Daily, 8:00 a.m. Room 115. Phelps.

Ed 408s. Methods and Materials in Teaching Elementary-School Science. 3 hours.

Study of the principles and philosophy of the teaching of science in the elementary school. Science materials in the vicinity of Portland will be considered in relation to their use in the classroom. A brief study of the literature most useful to teachers of elementary science. Field trips when feasible. Daily, 9:00 a.m. Room 204. Hopson.

Ed 409s. The Visually Handicapped Child. 3 hours.

Survey of eye conditions, leading to an understanding of schoolroom practice in conservation of vision. Adaptation of teaching methods to the needs of children with seriously defective vision. One afternoon a week will be set aside for clinical observation and field trips. Daily, 11:00 a.m. Room 317. Christensen.

Ed 415. Supervised Teaching. 3 hours.

Supervised experience in the many phases of actual high-school teaching. Discussion of problems confronted by the student while teaching. MW, 8:00 a.m. Room 107. Stevens.

Ed 420s. Lip-Reading for Hard-of-Hearing. (G) 3 hours.

Some of the techniques for improving the voice quality of the hard-of-hearing child; methods of teaching lip reading. Daily, 9:00 a.m. Room 215. Mangan.

Ed 425s. Problems of the Hard-of-Hearing (Audiometry). (G) 3 hours.

General survey of the physiology of the ear and the hearing process; use of the audiometer; group and individual testing. Daily, 10:00 a.m. Room 215. Mangan.

Ed 427s. Voice and Speech for the Deaf. (G) 3 hours.

Methods of improving quality of voice and speech in the child whose hearing condition is so limited that he has not acquired normal speech from his environment. Methods used for pupils of various ages will be demonstrated. Daily, 11:00 a.m. Room 215. Mangan.

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

Designed to give a broad picture of social-agency structure and function in

the community, with emphasis on Oregon agencies. How the teacher can better serve the needs of the individual child by using group-work, case-work, and child-welfare resources in the community. Agency executives will present the philosophies, fields of service, and limits of their respective programs. By knowing these resources the teacher will be better able to cooperate in setting standards of care and establishing protective measures for children. Daily, 1:00 p.m. Room 104. Hoffman.

Ed 436s. Education of the Handicapped Child. (G) 3 hours.

Brief discussion of the major types of handicapped children. Selection of children, organization of classes, and equipment for the various types. Modification of the curriculum and methods to meet the needs and limitations of the handicapped child. Daily, 8:00 a.m. Room 116. Bain, Dean.

Ed 460. Applied Mental Hygiene. 3 hours.

Application of mental hygiene principles, stressing their use and limitations in education. Opportunity is offered for the use of case-study technique. Daily, 11:00 a.m. Room 208. Graham.

Ed 461. Child Development. 3 hours.

Consideration of the child as an individual and as a member of social groups. Included is study of the kinds of home and school environment essential to the best intellectual, physical, and emotional development of the child. Daily, 9:00 a.m. Room 208. Graham.

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

Analysis of the reading process; physical and psychological processes involved. Reading difficulties; cause and cure. Various diagnostic procedures and remedial methods outlined in the lectures will be demonstrated in the Clinical School where a group of children with reading difficulties will be in attendance. Observation, any two hours between 9:00 a.m. and 12:00 m. Students may enroll in Ed 317s in conjunction with this course. Daily, 1:00 p.m. Room 115. Phelps.

Ed 466. Diagnostic and Remedial Instruction in the Skills. 3 hours.

Opportunity to study the diagnostic and remedial treatment of difficulties in arithmetic, written and spoken language, spelling, and handwriting. Consideration is given to the prevention of errors, standardized and informal tests, the psychology of drill, practice exercises, and the provision for individual differences. Daily, 9:00 a.m. Room 106. Haithcock.

Ed 478. Improvement of Instruction in Reading. (G) 3 hours.

Intensive study of the classroom teacher's responsibility in the teaching of reading in the elementary grades. General plans developed for teaching children of a given grade as a unit. Attention directed to the smaller groups which compose the unit, such as: the mentally and scholastically accelerated; the slow learner and scholastically retarded; the neglected and unadjusted; children with physical handicaps. Stress will be placed on readiness at each level, the use of phonics, children's interests, selection of material, diagnostic and remedial procedures for classroom use. Daily, 10:00 a.m. Room 106. Haithcock.

Ed 492. Recent Trends in Language Arts. (G) 3 hours.

Designed to provide guidance and assistance to in-service teachers and other qualified students in making a survey and organizing materials related to language arts and in developing procedures and techniques of evaluation in terms of the integrated program. Through readings, class discussion, and demonstrations, students become acquainted with each of the four areas of

the languages arts: reading, speaking, writing, and listening. Daily, 11:00 a.m. Room 106. Haithcock.

Ed 493. Utilization of Regional Resources. (G) 3 hours.

Study of the imbalances of modern life presenting problems to which education must address itself; the need for a new unit of human association larger than the community and state, and smaller than the nation; the achieving of a balance and coordination of all natural and human resources out of which we create the greatest possible human satisfactions; study of available materials in the field of conservation of resources. Individual projects and reports. Daily, 10:00 a.m. Room 204. Hopson.

Ed 501. Educational Research. Hours to be arranged.
Stevens and staff.

Ed 505. Reading and Conference. Hours to be arranged.
Stevens and staff.

Ed 507. Seminar: Child Guidance. 2 hours.

Discussion of behavior, emotional, and learning problems. Analysis of case histories from the Child Guidance Clinic; opportunity to attend clinic sessions for observation of methods. Cases will show roles of the psychiatrist, social worker, psychologist, and teacher. MW, 1:00-3:00 p.m. Room 107. Dobson and Dean.

Ed 512. Research Procedures in Education. 3 hours.

The nature and methods of research in the field of education; formulation of an individual educational problem; application of research techniques to the solution of the chosen problem. Daily, 9:00 a.m. Room 107. Stevens.

Ed 522. Foreign School Systems. 3 hours.

Comparative study of education in France, Germany, Great Britain, and Denmark; effectiveness of liberal and vocational education in the countries studied. Daily, 9:00 a.m. Room 116. Cramer.

Ed 561. Advanced Educational Psychology. 3 hours.

Review of some modern viewpoints in educational psychology; discussion of useful experimental material. Prerequisite: graduate standing in education. Daily, 11:00 a.m. Room 104. Garrison.

Ed 573. Basic Course in School Administration. 3 hours.

Relations of the principal or superintendent to the school board; school buildings and building programs; school records; pupil accounting; the teaching staff. Prerequisite: consent of instructor. Daily, 10:00 a.m. Room 216. Campbell.

Ed 574. Basic Course in School Supervision. 3 hours.

Purpose and plans for supervision, use of texts, diagnosis of pupil difficulty, etc., as applied to both elementary and secondary schools. Prerequisite: consent of instructor. Daily, 11:00 a.m. Room 212. Caughlan.

Ed 583. Unit Construction. 3 hours.

How to plan and teach a unit; study of the unit concept and different types of units; selection, organization, and development of materials and activities. Prerequisite: consent of instructor. Daily, 10:00 a.m. Room 212. Caughlan.

See also the following courses, described under WORKSHOPS:

Ed 453s. Secondary-Education Workshop. (G) 5 hours.

Ed 455s. Primary-Education Workshop. (G) 5 hours.

Ed 457s. Intermediate-Education Workshop. (G) 5 hours.

Ed 508s. Guidance Workshop. 5 hours.

ENGLISH

ASSOCIATE PROFESSOR: COLLIER. ASSISTANT PROFESSORS: FRANCHÈRE, MCCLOSKEY.

LITERATURE

Eng 201. Shakespeare (First Term). 3 hours.

Study of important plays, comedies, histories, and tragedies, in the light of Shakespeare's development. Daily, 8:00 a.m. Room 113. McCloskey.

Eng 393. American Novel (Third Term). 3 hours.

The development of the novel in this generation. Daily, 10:00 a.m. Room 113. McCloskey.

Eng 407. Seminar in Special Authors. (G) Hours to be arranged.
McCloskey.

Eng 428. Chaucer. (G) 3 hours.

As much of Chaucer's work read as time permits, with attention to sources, political forms, pronunciation, and grammar. Daily, 9:00 a.m. Room 114. Franchère.

Eng 482. Major American Writers: The Romantic Idealists. (G) 3 hours.
Hawthorne and Melville. Daily, 11:00 a.m. Room 114. Franchère.

Eng 505. Reading and Conference. Hours to be arranged.
Franchère.

RHETORIC

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

The fundamentals of English composition and rhetoric; frequent written themes in the various forms of discourse. Special attention to correctness in fundamentals and to the organization of papers. Daily, 11:00 a.m. Room 203. Collier.

Rht 217. Business English. 3 hours.

Study of modern practices in business correspondence, primarily for students of business administration. Analysis and writing of the principal types of correspondence. Daily, 8:00 a.m. Room 203. Collier.

Rht 324. English Composition for Teachers. 3 hours.

For students expecting to teach English in high schools. Practice in writing and a review of the rules of composition. Daily, 9:00 a.m. Room 203. Collier.

GENERAL SCIENCE

INSTRUCTOR: HOPSON.

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

The earth and life history of Oregon; kinds and distribution of contemporary plant and animal life; man and his relation to the environment. Daily, 11:00 a.m. Room 204.

GENERAL STUDIES

ADVISER: DR. H. E. STEVENS, CHAIRMAN, UNIVERSITY COMMITTEE; DR. E. H. MOORE,
CHAIRMAN, STATE COLLEGE COMMITTEE; DR. E. A. YUNKER.

- GSSt 501. **Research in General Studies.** Hours to be arranged.
GSSt 503. **Graduate Thesis.** Hours to be arranged.
GSSt 505. **Reading and Conference.** Hours to be arranged.

GEOGRAPHY

PROFESSOR: LOMAX. INSTRUCTOR: NEWHOUSE.

- Geo 313s. **Geography of Oregon.** 3 hours.
An economic study of the distribution of population and industries of Oregon and the Pacific Northwest in relation to the geographic environment of the entire area; special emphasis will be placed on Oregon. Daily, 11:00 a.m. Room 205. Newhouse.
- Geo 422. **Advanced Economic Geography.** 3 hours.
World resources, utilization, conservation, political significance. Agricultural staples and tropical plantation crops; timber, soils, grasslands, and other replaceable extractive resources; minerals, petroleum, and other irreplaceable extractive resources. Prerequisite: upper-division standing or consent of instructor. Daily, 11:00 a.m. Room 309. Lomax.
- Geo 428. **Geography of the Pacific.** (G) 3 hours.
Physical geography and natural resources of the Pacific region; social, economic, and political problems related to the geography of the region. Daily, 10:00 a.m. Room 205. Newhouse.
- Geo 433. **Geography of Middle America.** (G) 3 hours.
Physical geography, natural resources, and economic and social developments of Mexico, Central America, and the islands of the Caribbean. Daily, 9:00 a.m. Room 205. Newhouse.

HEALTH AND PHYSICAL EDUCATION

PROFESSOR: WASHKE.

- PE 252. **First Aid.** 3 hours.
American Red Cross first aid; lectures, demonstrations, and practice leading to standard, advanced, and instructor's first aid certificates. Daily, 8:00 a.m. Room 313.
- PE 358. **Safety Education.** 3 hours.
Basic principles of safety education; current safety programs, methods, source materials, visual aids. Individual and group projects in the organization of materials for teaching safety education in public schools. Daily, 10:00 a.m. Room 313.
- PE 507. **Seminar: Current Movements in Physical Education.** 3 hours.
Recent developments in the field of physical education; study of selected problems. Open to qualified graduate students. Daily, 11:00 a.m. Room 313.

HISTORY

INSTRUCTOR: LEARNED. ASSOCIATE: POLLARD. VISITING FACULTY: OVERMEYER.

- Hst 343. **Europe Since 1815 (Third Term).** 3 hours.
Political, social, economic, and cultural trends from 1919 to the present. Daily, 9:00 a.m. Room 317. Learned.
- Hst 377. **Oregon History.** 2 hours.
General survey of discovery, exploration, and development of the Oregon Country; fur trade, immigration, government, transportation, industry, and agriculture. Required for teacher's certificate in Oregon. MTuWTh, 1:00 p.m. Room 113. Pollard.
- Hst 379. **American History and Government.** 3 hours.
A study of the development of the American nation, with emphasis on its political and social concepts based on the student's interests and experiences. Attention is given to the factual and causal elements entering into the historical growth of the country, to the form and function of its government, and the adaptations that have been made to changing social and economic conditions. Covers the period through the Civil War. Daily, 8:00 a.m. Room 112. Learned.
- Hst 447. **Recent Russia.** (G) 3 hours.
The czarist regime in the late nineteenth century; the revolutions of 1905 and 1917, and the Soviet Union since 1917. Daily, 9:00 a.m. Room 112. Overmeyer.
- Hst 473. **American Foreign Relations (First Term).** (G) 3 hours.
The relations of the United States with other powers; the development of American foreign policies. Daily, 10:00 a.m. Room 112. Overmeyer.
- Hst 489. **American Economic History (Third Term).** (G) 3 hours.
All phases of the economic development of the United States in recent times. Daily, 11:00 a.m. Room 112. Overmeyer.
- Hst 505. **Reading and Conference.** Hours to be arranged.
Overmeyer.

HOME ECONOMICS

ASSISTANT PROFESSOR: WELLS.

- HAd 422. **Family Relationships.** (G) 3 hours.
Factors entering into adjustments within the modern family group. Daily, 8:00 a.m. Room 207.

JOURNALISM

VISITING FACULTY: ALWARD.

- J 360s. **General Journalism.** 3 hours.
A practical elementary course in journalism, designed for prospective newspaper workers, free-lance writers, publicity writers, and teachers of high-school journalism. News gathering, news evaluation, and writing. Class members will gain practical experience by working on the *Summer Signal*, which will be published weekly by the Portland Summer Session. Daily, 9:00 a.m. Room 108.
- J 421. **Articles and Features.** (G) 3 hours.
Writing for magazines and Sunday newspapers. Literary markets. The use of photographs, drawings, diagrams, maps. Students expected to sell some of their products. Daily, 8:00 a.m. Room 108.

MUSIC

VISITING FACULTY: FREEBURG.

Mus 283. Music III: Music Education. 3 hours.

The close relationship between music education and other areas in education; planning a musical environment; directing the experiences of children in music; studying principles and procedures in teaching music skills. Daily, 9:00 a.m. Room 110.

Mus 292. Elements of Musicianship. 3 hours.

Basic elements of musicianship through singing, piano, rhythm band, auto-harp, tone bells, music reading, and music writing. No musical knowledge is required. 10:00 a.m. Room 110.

Mus 407. Music of the American Scene. (G) 3 hours.

American music suitable for primary, intermediate, and upper-grade levels. According to the needs of the class, units will be worked out around various subjects, such as: nursery songs, holiday songs, game and rhythm songs, play-party tunes, musical trails, music of the machine age, music of the rivers, musical resources of Oregon. Daily, 11:00 a.m. Room 110.

PHILOSOPHY

ASSISTANT PROFESSOR: WELLS.

Phl 202. Introduction to Philosophy: Ethics. 3 hours.

A study of the philosophy of ethics. Daily, 11:00 a.m. Room 207.

PHYSICAL EDUCATION

(See HEALTH AND PHYSICAL EDUCATION)

PSYCHIATRY

ASSISTANT CLINICAL PROFESSOR: DICKEL.

Ps 306. Child Psychiatry. 3 hours.

General discussion of various behavior and personality problems of childhood according to a psychological concept. The case material in the Child Guidance Clinic will be used as a background for the course where practical. Tuesday, 1:30-4:30 p.m. and Thursday, 3:00-5:00 p.m. Room 105.

PSYCHOLOGY

VISITING FACULTY: BURTON, K. GARRISON.

Psy 412. Adolescence. (G) 3 hours.

Processes through which the child reaches maturity, acquires effective use of his bodily equipment and learning capacity, and makes satisfactory personal and social adjustments. Emphasizes the child as a whole in relation to various conditions and situations affecting him. Daily, 9:00 a.m. Room 104. Garrison.

Psy 431. Clinical Methods in Psychology. (G) 3 hours.

Practice in administering, scoring, and interpreting individual examinations of intelligence. Special training in diagnosis of actual cases. Daily, 1:00 p.m. Room 206. Burton.

Psy 432. Clinical Methods in Psychology. (G) 3 hours.

Practice in administering, scoring, and interpreting individual and group examinations in the fields of special aptitudes, education, and personality. Consideration of essential statistical procedures. Special training in diagnosis of actual cases. Daily, 2:00 p.m. Room 206. Burton.

Psy 433. Counseling Procedures. (G) 3 hours.

Counseling problems of various types. Methods of interviewing for different purposes. Sources of vocational information. Diagnosis of individual cases; emphasis on use of projective techniques and interpretation of test results. Evaluation of counseling programs. Opportunities for field work. Daily, 11:00 a.m. Room 206. Burton.

Psy 507. Seminar: Learning. 3 hours.

Critical study of the learning process, including theories and principles of learning, transfer of learning, and individual differences in learning. Special consideration given to the application of findings to curricular activities. Daily, 10:00 a.m. Room 104. Garrison.

RELIGION

ASSISTANT PROFESSOR: WELLS.

R 463. Psychology of Religion. 3 hours.

The bearing of psychology on religious thought and action, both past and present; psychology of prayer, conversion, faith, mysticism, and worship. Daily, 10:00 a.m. Room 207.

SOCIOLOGY

ASSOCIATE PROFESSOR: FOSKETT.

Soc 206. General Sociology (Third Term). 3 hours.

Analysis of social organization and culture; social changes and movements as affected by culture and by biological and physical environmental factors. Daily, 10:00 a.m. Room 213.

Soc 327. Introduction to Social Research. 3 hours.

The development of social research. An examination of selected research projects in current sociological literature from the standpoint of methodology. Daily, 9:00 a.m. Room 213.

Soc 452. History of Social Thought (Third Term). (G) 3 hours.

An historical analysis of Western social thought in terms of its problems, its basic concepts, and its effect on contemporary sociological thought. Daily, 8:00 a.m. Room 213.

SPANISH

ASSISTANT PROFESSOR: VARGAS-BARON

RL 11. First-Year Spanish (First Term). 3 hours.

Translation of prose, conversation, composition, and grammar. Conducted in English. Daily, 10:00 a.m. Room 308.

RL 347. Spanish Composition and Conversation. 2 hours.

Intermediate level. Prerequisite: two years of college Spanish or equivalent. Conducted in Spanish, MWF, 11:00 a.m. Room 308.

RL 505. Reading and Conference. 3 hours.

The Spanish language, an advanced course for teachers. Spanish syntax with critical analysis of the sentence. Thorough discussion and drill of fundamental differences between English and Spanish in grammar, style, and pronunciation. Voice recordings and individual speech correction. Free composition. Qualified students of Spanish, whether or not they are teachers of the language, may be admitted to the course with instructor's permission. Conducted in Spanish. Daily, 9:00 a.m. Room 308.

SPEECH AND DRAMA

ASSOCIATE PROFESSOR: DAHLBERG. INSTRUCTORS: CHURCHILL, MARYE, SMITH.

SD 111. Fundamentals of Speech. 3 hours.

Emphasis on the following basic skills: adjustment to the speech situation, symbolic formulation and expression, phonation and articulation. Projects in extempore speaking, discussion, oral reading, and interpretation. Daily, 9:00 a.m. Room 214. Dahlberg.

SD 322. The Art of Discussion and Persuasion. 3 hours.

Attention to principles and practices in discussion forms. Audience motivation and response, speeches. Daily, 11:00 a.m. Room 214. Dahlberg.

SD 351. Technique of Acting. 3 hours.

Principles of acting technique. Problems in the analysis and presentation of character. Daily, 7:30-9:30 p.m. Civic Theatre.* Smith.

SD 365. Play Production. 3 hours.

Sources of dramatic material, choice of play, casting and rehearsal of players, production organization. Practical experience in directing. Daily, 7:30-9:30 p.m. Civic Theatre.* Marye.

SD 367. Direction of School and Community Plays. 3 hours.

Designed primarily to familiarize teachers with the elementary problems of play production. Section 1 (high-school plays): Daily, 11:00 a.m. Room 217. Smith. Section 2 (elementary-school plays): Daily, 11:00 a.m. Room 305. Churchill.

SD 411. Speech for the Classroom Teacher. 3 hours.

Instruction in speech and speech forms designed for classroom use. Required for English majors who intend to teach but open to all prospective teachers. Daily, 10:00 a.m. Room 214. Dahlberg.

SPEECH CORRECTION

VISITING FACULTY: MORLEY.

SD 370. Principles and Techniques of Speech Correction. 3 hours.

Designed to give teachers an understanding of typical speech defects among preschool and school children, and of basic techniques for their prevention and correction. Functional analysis of speech mechanism, recognition of defects; preparation of simplified case histories; parent-teacher cooperation; survey of helpful books and material; formation of sounds and their developmental sequence; testing devices; basic procedures in prevention and correction. Three hours per week of observation in speech clinic required. Daily, 9:00 a.m. Room 206.

* 1530 S.W. Yamhill Street.

SD 471. Speech Defects and Disorders. (G) 3 hours.

Deals with underlying causes and common symptoms of various speech defects, with special emphasis on diagnostic procedures and basic pathology; some consideration of general principles of treatment. Survey of professional field; review of the speech process with reference to possible pathologies; classification and symptomatology of speech disorders; vocal defects, including nasality; articulatory defects, including lispings and stuttering. A course for those wishing to qualify as speech clinicians. Students should enroll either as observers or as clinicians in SD 474, 475, or 476. Prerequisite: SD 370 or equivalent. Daily, 8:00 a.m. Room 206.

SD 474, 475, 476. Clinical Practice in Speech Correction. (G) 1 or 2 hours.

Application of theories and methods of speech correction through participation in work of a speech clinic. Individual and group work with various types of speech defects. Students must consult instructor before enrolling. Observers register for 1 term hour of credit. Prerequisite: SD 370 (may be taken concurrently). Section 1: Daily, 9:00-11:00 a.m. Section 2: Daily, 10:00-12:00 m. Both sections: Daily half-hour conference with instructor. St. Helens Hall, 1845 S.W. 13th Avenue.

Five-Week Session

July 26 to August 27

The class periods of the five-week session permit students to spend as much time in class as is covered in the six-week session. Students may earn a maximum of 9 term hours of credit in the second session, or a total of 18 term hours in the two sessions; graduate students normally may earn a total of 15 term hours.

Registration will be from Monday, July 19, to Saturday, July 24 (12:00 noon), in the Portland Extension Center office, 207 Education Center Building, 220 S. W. Alder Street.

Examination Schedule. Final examinations will be given in courses in the five-week session in accordance with the following schedule:

9:00 o'clock classes	8:00-10:00 a.m., Friday, August 27
10:00 o'clock classes.....	10:00-12:00 noon, Friday, August 27
11:00 o'clock classes.....	1:00-3:00 p.m., Friday, August 27

ANTHROPOLOGY

ASSISTANT PROFESSOR: MERZ.

Anth 209. Introduction to Cultural Anthropology (Third Term). 3 hours.

The meaning of culture; its significance for human beings; its diverse forms and degrees of elaboration among different groups of men; its processes of growth and expansion. Daily, 9:00 a.m. and Tuesday, 1:00 p.m. Room 111.

Anth 413. Problems of Race and Culture (Third Term). 3 hours.

The process of socialization; adjustment of the group and the individual to culture; culture and personality. Daily, 10:00 a.m. and Wednesday, 1:00 p.m. Room 111.

Anth 425. Peoples of the Pacific (Third Term). 3 hours.

Life and custom among the native groups of the South Pacific, including Polynesia, Micronesia, Melanesia, Australia, and Indonesia. Daily, 11:00 a.m. and Thursday, 1:00 p.m. Room 111.

ECONOMICS

INSTRUCTOR: ROBBINS.

Ec 438. Government Control of Private Business. (G) 3 hours.

Survey of the general movement to subject business and personal and property rights to regulation by state or Federal agencies. Prerequisite: consent of instructor. Daily, 9:00 a.m. and Tuesday, 1 p.m. Room 105.

Ec 475. Economic Theory and Problems: International Finance. (G) 3 hours.

Economic theories and their application to current economic problems, with particular attention to international finance. Daily, 10:00 a.m. and Wednesday, 1:00 p.m. Room 105.

Ec 476. Economic Theory and Problems: Price Policies of Corporations. (G) 3 hours.

Economic theories and their application to current economic problems as related to corporations. Daily, 11:00 a.m. and Thursday, 1:00 p.m. Room 105.

EDUCATION

ASSISTANT PROFESSOR: CAUGHLAN. INSTRUCTOR: PHELPS.

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

An analysis of the Oregon school system and the laws on which the system is based. Problems of Oregon schools, plans proposed for their solution, and trends in educational development in the state. Daily, 9:00 a.m. Room 106. Phelps.

Ed 406. Problems in Elementary Education. 3 hours.

Designed as an elective for candidates for the bachelor's degree in elementary education. Study and investigation of selected problems in teaching, to meet needs of individual candidates. Daily, 11:00 a.m. and Thursday, 1:00 p.m. Room 106. Phelps.

Ed 478. Improvement of Instruction in Reading. (G) 3 hours.

Intensive study of the classroom teacher's responsibility in the teaching of reading in the elementary grades. General plans developed for teaching children of a given grade as a unit. Attention directed to the smaller groups which compose the unit, such as: the mentally and scholastically accelerated; the slow learner and scholastically retarded; the neglected and unadjusted; children with physical handicaps. Stress will be placed on readiness at each level, the use of phonics, children's interests, selection of material, diagnostic and remedial procedures for classroom use. Daily, 10:00 a.m. and Wednesday, 1:00 p.m. Room 106. Phelps.

Ed 501. Educational Research. Hours to be arranged.

Caughlan.

Ed 505. Reading and Conference. Hours to be arranged.

Caughlan.

Ed 507. Seminar: Parent-Teacher Organization. 2 hours.

A one-week course, July 26 to 30, presenting problems, techniques, and projects of the parent-teacher movement. Emphasis placed on what the home expects of the school; what the school expects of the home; what the child needs of both; the role of the P.-T.A. 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. Daily, 10:00 a.m. to 12 m. and 1:00 to 4:00 p.m. Room 203. Moorhead.

Ed 561. Advanced Educational Psychology. 3 hours.

Review of some viewpoints in educational psychology; discussion of useful experimental material. Prerequisite: graduate standing in education. Daily, 9:00 a.m. and Tuesday, 1:00 p.m. Room 104. Caughlan.

Ed 581. Curriculum Foundations. 3 hours.

The implications of basic social, philosophical, and psychological factors in curriculum planning and development; appraisal of the present curriculum and significant proposals for its improvement. Daily, 11:00 a.m. and Thursday, 1:00 p.m. Room 104. Caughlan.

See also the following course, described under INDUSTRIAL-ARTS EDUCATION:

IA 412. Driver-Education and Training. 3 hours. August 23-27.

ENGLISH

ASSISTANT PROFESSOR: FRANCHERE

Eng 202. Shakespeare (Second Term). 3 hours.

Study of important plays, comedies, histories, and tragedies, in the light of Shakespeare's development. Daily, 9:00 a.m. and Tuesday, 1:00 p.m. Room 114.

Eng 405. Reading and Conference. Hours to be arranged.**Eng 505. Reading and Conference. Hours to be arranged.****HEALTH AND PHYSICAL EDUCATION**

ASSOCIATE PROFESSOR: MOORHEAD. INSTRUCTORS: HUDSON, MARTIN.

P^{ED} 333s. Physical-Education Workshop. 4 hours.

A concentrated two-week workshop, July 26 to August 6, presenting teaching materials, demonstrations of class procedure and methods, and schedules for the Oregon physical-education program in the elementary schools. Section 1 (girls' programs): Daily, 8:00 a.m. to 12 m. Room 107. Hudson. Section 2 (boys' programs): Daily, 8:00 a.m. to 12 m. Room 108. Martin.

HE 506. Special Problems: Health-Education Workshop. 3 hours.

A workshop for health teachers in the public schools. Teachers will prepare their teaching materials and outlines for use in their own schools during the school year. Daily, 9:00 a.m. and Tuesday, 1:00 p.m. Room 110. Moorhead.

HE 507. Seminar: Social-Hygiene Education. 3 hours.

For teachers, counselors, and school administrators. Integration of social-hygiene education in Oregon health-instruction courses, grades 7-12. Related aspects of reproduction, marriage and family life, venereal-disease control. Daily, 10:00 a.m. and Wednesday, 1:00 p.m. Room 110. Moorhead.

HISTORY

PROFESSOR: CLARK. INSTRUCTOR: SPURLOCK.

Hst 377. Oregon History. 2 hours.

Brief survey of the building of civilization in the Oregon Country. Required for teacher certification in Oregon. Daily, 10:00 a.m. Room 113. Spurlock.

Hst 378. American History and Government. 3 hours.

Development of the American nation since the Civil War, with emphasis on its political and social concepts. Attention given to the factual and causal elements entering into the historical growth of the country, to the form and function of its government, and to the adaptations that have been made to changing social and economic conditions. Covers the period since the Civil War. Daily, 11:00 a.m. and Thursday, 1:00 p.m. Room 113. Spurlock.

Hst 405. Reading and Conference. Hours to be arranged.

Clark.

Hst 474. American Foreign Relations (Second Term). (G) 3 hours.

The relations of the United States with other powers; the development of American foreign policies. Daily, 9:00 a.m. and Tuesday, 1:00 p.m. Room 112. Clark.

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

Geographic influences; influence of the frontier; inheritance and tradition; economic forces; nationalism; sectionalism; manifest destiny; democracy. Prerequisite: consent of instructor. Daily, 10:00 a.m. and Wednesday, 1:00 p.m. Room 112. Clark.

Hst 505. Reading and Conference. Hours to be arranged.

Clark.

INDUSTRIAL-ARTS EDUCATION

VISITING FACULTY: NEYHART.

IA 412. Driver-Education and Training. 3 hours.

A one-week course, August 23 to 27, in driver-education. A basic course for preparation of teachers to conduct driver-training classes in high schools. Actual behind-the-wheel instruction in a dual-control training car supplied under the sponsorship of the American Automobile Association and the State Department of Education. Prerequisite: senior or graduate standing and teaching experience. Daily, 8:00 a.m. to 12:00 m. and 1:00 to 5:00 p.m. Room 107.

PHYSICAL EDUCATION

(See HEALTH AND PHYSICAL EDUCATION)

PSYCHOLOGY

VISITING FACULTY: BURTON.

Psy 413. Abnormal Psychology. (G) 3 hours.

Various forms of unusual behavior, including anxiety states, hysteria, hypnotic phenomena, and psychosis. Normal motives and adjustment mechanisms as they are exaggerated in the so-called neurotic person. Daily, 11:00 a.m. and Thursday, 1:00 p.m. Room 115.

Psy 443. Psychometrics. (G) 3 hours.

Principles underlying the construction, validation, and standardization of psychological tests and rating scales. Prerequisite: consent of instructor. Daily, 10:00 a.m. and Wednesday, 1:00 p.m. Room 115.

Psy 505. Reading and Conference. Hours to be arranged.**SOCIOLOGY**

ASSISTANT PROFESSOR: PLAMBECK.

Soc 204. General Sociology (First Term). 3 hours.

Analysis of social organization and culture; social changes and movements as affected by culture and by biological and physical environmental factors. Daily, 10:00 a.m. and Wednesday, 1:00 p.m. Room 116.

Soc 431. Community Organization. (G) 3 hours.

The problems and tasks confronting the social worker, the teacher, and the layman in developing community services; the place of public and private agencies in the program; financing; current proposals. Daily, 9:00 a.m. and Tuesday, 1:00 p.m. Room 116.

Soc 505. Reading and Conference. Hours to be arranged.

Schedule of Courses and Rooms

SIX-WEEK SESSION

8:00 A.M.

Number	Course Title	Instructor	Room
Anth 413	Problems of Race and Culture; The Individual in Culture (G)	Lechler	111
Ec 334	Business Organization and Finance: Corporation Finance	Robbins	105
Ed 313	Principles of Teaching	Caughlan	212
Ed 331s	The Crippled and Low-Vitality Child	Hainer	317
Ed 359	Intermediate and Upper-Grade Education	Phelps	115
Ed 415	Supervised Teaching (MW)	Stevens	107
Ed 436s	Education of the Handicapped Child (G)	Bain, Dean	116
Eng 201	Shakespeare (First Term)	McCloskey	113
HAd 422	Family Relationships (G)	Wells	207
Hst 379	American History and Government	Learned	112
J 421	Articles and Features (G)	Alward	108
PE 252	First Aid	Washke	313
Rht 217	Business English	Collier	203
SD 471	Speech Defects and Disorders (G)	Morley	206
Soc 452	History of Social Thought (G)	Foskett	213

8:00 A.M. to 12:00 M.

Ed 453s	Secondary-Education Workshop (G)	Santee	Holladay
Ed 455s	Primary-Education Workshop (G)	Fenn	Holladay
Ed 457s	Intermediate-Education Workshop (G)	Fenn	Holladay
Ed 508s	Guidance Workshop	McGill	Holladay

9:00 A.M.

A 218	Creative Crafts for Children	Garrison	301
BA 223	Elements of Marketing	Lomax	309
Ed 311	Secondary Education in American Life	Campbell	216
Ed 408s	Methods and Materials in Teaching Elementary School Science	Hopson	204
Ed 420s	Lip Reading for Hard-of-Hearing (G)	Mangan	215
Ed 461	Child Development	Graham	208
Ed 466	Diagnostic and Remedial Instruction in the Skills	Haitchcock	106
Ed 512	Research Procedures in Education	Stevens	107
Ed 522	Foreign School Systems	Cramer	116
Eng 428	Chaucer (G)	Franchère	114
Geo 433	Geography of Middle America (G)	Newhouse	205
Hst 343	Europe Since 1815 (Third Term)	Learned	317
Hst 447	Recent Russia (G)	Overmeyer	112
J 360s	General Journalism	Alward	108
Mus 283	Music III: Music Education	Freeburg	110
Psy 412	Adolescence (G)	Garrison	104
Rht 324	English Composition for Teachers	Collier	203
RL 505	Reading and Conference	Vargas-Baron	308
SD 111	Fundamentals of Speech	Dahlberg	214
SD 370	Principles and Techniques of Speech Correction	Morley	206
Soc 327	Introduction to Social Research	Foskett	213

9:00 A.M. to 11:00 A.M.

SD 474,5,6	Clinical Practice in Speech Correction (G)	Morley	St. Helens Hall
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9:00 A.M. to 12:00 M.

Ed 317s	Remedial Reading Clinic	Phelps	St. Helens Hall
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10:00 A.M.

A 221	Color Expression	Garrison	301
Anth 445	Primitive Thought: Primitive Art (G)	Lechler	111
BA 471	Foreign-Trade Technique (G)	Lomax	309
Ec 201	Principles of Economics	Robbins	105
Ed 312	Educational Psychology	Graham	208

Number	Course Title	Instructor	Room
Ed 425s	Problems of the Hard-of-Hearing (G)	Mangan	215
Ed 478	Improvement of Instruction in Reading (G)	Haitchcock	106
Ed 493	Utilization of Regional Resources (G)	Hopson	204
Ed 573	Basic Course in School Administration	Campbell	216
Ed 583	Unit Construction	Caughlan	212
Eng 393	American Novel (Third Term)	McCloskey	113
Geo 428	Geography of the Pacific (G)	Newhouse	205
Hst 473	American Foreign Relations (First Term) (G)	Overmeyer	112
Mus 292	Elements of Musicianship	Freeburg	110
PE 358	Safety Education	Washke	313
Psy 507	Seminar: Learning	Garrison	104
R 463	Psychology of Religion	Wells	207
RL 11	First-Year Spanish (First Term)	Vargas-Baron	308
SD 411	Speech for the Classroom Teacher	Dahlberg	214
Soc 206	General Sociology (Third Term)	Foskett	213

10:00 A.M. to 12:00 M.

SD 474,5,6	Clinical Practice in Speech Correction (G)	Morley	St. Helens Hall
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11:00 A.M.

A 311	Art Structure III	Garrison	301
Ec 413	Money, Banking and Economic Crises (G)	Robbins	105
Ed 316	Oregon School Law and System of Education (MTuWTh)	Campbell	216
Ed 409s	The Visually Handicapped Child	Christensen	317
Ed 427s	Voice and Speech for the Deaf (G)	Mangan	215
Ed 460	Applied Mental Hygiene	Masten	208
Ed 492	Recent Trends in Language Arts (G)	Haitchcock	106
Ed 561	Advanced Educational Psychology	Garrison	104
Ed 574	Basic Course in School Supervision	Caughlan	212
Eng 482	Major American Writers: The Romantic Idealists (G)	Franchère	114
Geo 313s	Geography of Oregon	Newhouse	205
Geo 422	Advanced Economic Geography	Lomax	309
GS 312	Natural History of Oregon (Second Term)	Hopson	204
Hst 489	American Economic History (Third Term) (G)	Overmeyer	112
Mus 407	Music of the American Scene (G)	Freeburg	110
PE 507	Seminar: Current Movements in Physical Education	Washke	313
Phl 202	Introduction to Philosophy: Ethics	Wells	207
Psy 433	Counseling Procedures (G)	Burton	206
Rht 111	English Composition (First Term)	Collier	203
SD 322	The Art of Discussion and Persuasion	Dahlberg	214
RL 347	Spanish Composition and Conversation (MWF)	Vargas-Baron	308
SD 367	Direction of School and Community Plays (High School)	Smith	217
SD 367	Direction of School and Community Plays (Elementary School)	Churchill	305

1:00 P.M.

Ed 429s	Use of Social-Agency Resources by Teachers	Hoffman	104
Ed 464s	Remedial Reading (G)	Phelps	115
Hst 377	Oregon History (MTuWTh)	Pollard	113
Psy 431	Clinical Methods in Psychology (G)	Burton	206

1:00 to 3:00 P.M. (MW)

Ed 507	Seminar: Child Guidance	Dobson, Dean	107
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1:30 to 4:30 P.M. (Tu)

3:00 to 5:00 P.M. (Th)

Ps 306	Child Psychiatry	Dickel	105
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2:00 P.M.

Psy 432	Clinical Methods in Psychology (G)	Burton	206
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7:30 to 9:30 P.M.

SD 351	Technique of Acting	Smith	Civic Theatre
SD 365	Play Production	Marye	Civic Theatre

FIVE-WEEK SESSION

10:00 A.M. to 12 M. and 1:00 to 4:00 P.M.

JULY 26 to 30

Ed 507 Seminar: Parent-Teacher Organization Moorhead 203

8:00 A.M. to 12 M.

JULY 26 to AUGUST 6

Number	Course Title	Instructor	Room
PE 333a	Physical-Education Workshop (Girls' Programs)	Hudson	107
PE 333a	Physical-Education Workshop (Boys' Programs).....	Martin	108

8:00 A.M. to 12 M. and 1:00 P.M. to 5:00 P.M.

AUGUST 23 to 27

IA 412 Driver-Education and Training Neyhart 107

9:00 A.M.

(The following classes also meet Tuesday at 1:00 p.m.)

Anth 209	Introduction to Cultural Anthropology (Third Term)	Merz	111
Ec 438	Government Control of Private Business (G).....	Robbins	105
Ed 316	Oregon School Law and System of Education (no class Tu 1:00 p.m.)	Phelps	106
Ed 561	Advanced Educational Psychology	Caughlan	104
Eng 202	Shakespeare (Second Term)	Frauchère	114
HE 506	Special Problems: Health Education Workshop.....	Moorhead	110
Hst 474	American Foreign Relations (Second Term) (G).....	Clark	112
Soc 431	Community Organization (G).....	Plambeck	116

10:00 A.M.

(The following classes also meet Wednesday at 1:00 p.m.)

Anth 413	Problems of Race and Culture (Third Term).....	Merz	111
Ec 475	Economic Theory and Problems: International Finance (G).....	Robbins	105
Ed 478	Improvement of Instruction in Reading (G)	Phelps	106
HE 507	Seminar: Social Hygiene Education	Moorhead	110
Hst 377	Oregon History (no class W 1:00 p.m.)	Spurlock	113
Hst 479	Forces and Influences in American History (G).....	Clark	112
Psy 443	Psychometrics (G)	Burton	115
Soc 204	General Sociology (First Term)	Plambeck	116

11:00 A.M.

(The following classes also meet Thursday at 1:00 p.m.)

Anth 425	Peoples of the Pacific (Third Term).....	Merz	111
Ec 476	Economic Theory and Problems: Price Policies of Corporations (G)	Robbins	105
Ed 406	Problems in Elementary Education	Phelps	106
Ed 581	Curriculum foundations	Caughlan	104
Hst 378	American History and Government	Spurlock	113
Psy 413	Abnormal Psychology (G)	Burton	115

Vanport Extension Center

Many freshman and sophomore courses will be offered at the Vanport Extension Center Summer Session. The six-week and five-week sessions begin and end on the same dates as the Portland Extension Center Summer Session. A number of courses are offered in which the entire three terms can be completed during the two sessions. The second and third terms' work of a number of courses is offered which permits students to complete sequences which they have started. For catalog or further information write Director, Vanport Extension Center, Portland 17, Oregon.

Six-Week Session, June 15 to July 23

BUSINESS ADMINISTRATION

BA 111, 112. Constructive Accounting. 6 hours.
BA 113. Constructive Accounting. 3 hours. Prerequisite: BA 112.
BA 222. Elements of Finance. 4 hours. Prerequisite: BA 113.

CHEMISTRY

Ch 205. General Chemistry. 5 hours. Prerequisite: Ch 204.
Ch 226. Organic Chemistry. 5 hours. Prerequisite: Ch 206.

ECONOMICS

Ec 201. Principles of Economics. 3 hours.
Ec 203. Principles of Economics. 3 hours.

EDUCATION

Ed 111. Methods of Study. 2 hours. (No-grade course.)

GENERAL ENGINEERING

GE 101. Engineering Problems. 2 hours.
GE 102. Engineering Problems. 2 hours. Prerequisite: GE 101.
GE 103. Engineering Problems. 2 hours. Prerequisite: GE 102.
GE 121. Engineering Drawing. 3 hours.
GE 122. Engineering Drawing. 3 hours. Prerequisite: GE 121.
ME 212. Mechanics (Statics). 3 hours. Prerequisite: differential calculus.

ENGLISH

Eng 101. Survey of English Literature. From *Beowulf* to Milton. 3 hours.
Eng 102. Survey of English Literature. From Milton to Byron. 3 hours.
Eng 103. Survey of English Literature. From Byron to the end of the nineteenth century. 3 hours.
Eng 271. Contemporary Literature. 3 hours.
Rht K. Corrective English. 1 hour.
Rht 111. English Composition. 3 hours.
Rht 112. English Composition. 3 hours. Prerequisite: Rht 111.
Rht 113. English Composition. 3 hours. Prerequisite: Rht 112.
Rht 217. Business English. 3 hours. Prerequisite: Rht 113.

GERMAN

GL 1. First-Year German. 4 hours.

HISTORY

Hst 201. History of the United States. 3 hours.
Hst 202. History of the United States. 3 hours.

MATHEMATICS

Mth 10. Elementary Algebra. 4 hours.
Mth 100. Intermediate Algebra. 4 hours.
Mth 101. Elementary Analysis. 4 hours.
Mth 102. Elementary Analysis. 4 hours. Prerequisite: Mth 101.
Mth 103. Elementary Analysis. 4 hours. Prerequisite: Mth 102.
Mth 105. College Algebra. 4 hours. Prerequisite: Mth 100.
Mth 201. Differential and Integral Calculus. 4 hours. Prerequisite: Elementary Analysis or equivalent.
Mth 203. Differential and Integral Calculus. 4 hours. Prerequisite: Mth 202.

MUSIC

Mus 127. Introduction to Music Literature. 2 hours.

PHYSICAL EDUCATION

- PE 127. Fundamentals of Body Movement and Conditioning (Men). 2 hours.
 PE 129. Track and Field (Men). 2 hours.
 PE 180. Elementary and Advanced Physical Education (Women). 1 hour each term.
 PE 190. Elementary and Advanced Physical Education (Men). 1 hour each term.
 PE 250. Personal Health. 3 hours.
 PE 251. Community Health. 3 hours.

PHYSICS

- Ph 102. Engineering Physics. 3 hours.
 Ph 361. Photography. 3 hours.

POLITICAL SCIENCE

- PS 201. American Governments. 3 hours.
 PS 203. American Governments. 3 hours.

PSYCHOLOGY

- Psy 201. General Psychology. 3 hours.
 Psy 204. Psychology of Adjustment. 3 hours. Prerequisite: Psy 202.
 Psy 208. General Psychology Laboratory. 1 hour.

SCIENCE

- Sc 201. Foundations of Physical Science. 3 hours.
 Sc 202. Foundations of Physical Science. 3 hours.

SECRETARIAL SCIENCE

- SS 121. Typing. 2 hours.
 SS 122. Typing. 2 hours. Prerequisite: SS 121.
 SS 123. Typing. 2 hours. Prerequisite: SS 122.

SOCIOLOGY

- Soc 204. General Sociology. 3 hours.
 Soc 205. General Sociology. 3 hours.

SPEECH

- Sp 111. Extempore Speaking. 3 hours.
 Sp 251. Workshop Theater. 1 to 3 hours.

ZOOLOGY

- Z 324. Comparative Vertebrate Anatomy. 4 hours. Prerequisite: Z 203.

Five-Week Session, July 26 to August 27**BUSINESS ADMINISTRATION**

- BA 113. Constructive Accounting. 3 hours. Prerequisite: BA 112.
 BA 223. Elements of Marketing. 4 hours. Prerequisite: BA 222.

CHEMISTRY

- Ch 206. General Chemistry. 5 hours. Prerequisite: Ch 205.
 Ch 227. Organic Chemistry. 5 hours. Prerequisite: Ch 226.

ECONOMICS

- Ec 202. Principles of Economics. 3 hours.
 Ec 203. Principles of Economics. 3 hours.

GENERAL ENGINEERING

- GE 103. Engineering Problems. 2 hours. Prerequisite: GE 102.
 GE 123. Descriptive Geometry. 3 hours. Prerequisite: GE 122.

ENGLISH

- Eng 103. Survey of English Literature. 3 hours.
 Rht 111. English Composition. 3 hours.
 Rht 112. English Composition. 3 hours. Prerequisite: Rht 111.
 Rht 113. English Composition. 3 hours. Prerequisite: Rht 112.

HISTORY

- Hst 203. History of the United States. 3 hours.

MATHEMATICS

- Mth 100. Intermediate Algebra. 4 hours.
 Mth 101. Elementary Analysis. 4 hours.
 Mth 102. Elementary Analysis. 4 hours. Prerequisite: Mth 101.
 Mth 103. Elementary Analysis. 4 hours. Prerequisite: Mth 102.
 Mth 108. Mathematics of Finance. 4 hours. Prerequisite: Mth 101 or Mth 105.
 Mth 202. Differential and Integral Calculus. 4 hours. Prerequisite: Mth 201.

PHYSICAL EDUCATION

- PE 128. Elementary Tumbling and Apparatus (Men). 2 hours.
 PE 180. Elementary and Advanced Physical Education (Women). 1 hour each term.
 PE 190. Elementary and Advanced Physical Education (Men). 1 hour each term.

PHYSICS

- Ph 103. Engineering Physics. 3 hours.

POLITICAL SCIENCE

- PS 202. American Governments. 3 hours.

PSYCHOLOGY

- Psy 202. General Psychology. 3 hours.
 Psy 205. Applied Psychology. 3 hours. Prerequisite: Psy 202.
 Psy 209, 210. General Psychology Laboratory. 2 hours.

SCIENCE

- Sc 203. Foundations of Physical Science. 3 hours.

SOCIOLOGY

- Soc 206. General Sociology. 3 hours.

SPEECH

- Sp 111. Extempore Speaking. 3 hours.

ZOOLOGY

- Z 325. Comparative Vertebrate Anatomy. 4 hours. Prerequisite: Z 324.

Eleven-Week Session, June 15 to August 27

- Ch 204, 205, 206. General Chemistry. 12 hours.

- Ph 201, 202, 203. General Physics. 12 hours.

- Z 201, 202, 203. General Zoology. 9 hours.

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