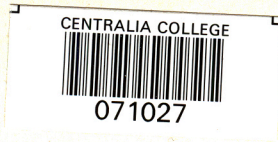


# CENTRALIA Junior College



CENTRALIA, WASHINGTON

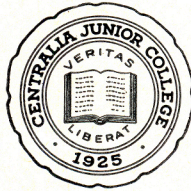
1955 - 1956



# CENTRALIA JUNIOR COLLEGE

## CATALOGUE

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Centralia, WA 98531



CENTRALIA, WASHINGTON

1955-56

## CENTRALIA, WASHINGTON

## CALENDAR

1955-56

## REGISTRATION

Students should register at the office before the Fall Quarter opens.

The Junior College will maintain office hours Monday through Friday throughout the summer.

## FALL QUARTER

Instruction Begins .....	September 6
Junior College Workshop .....	October 14
Armistice Day .....	November 11
Thanksgiving Holidays .....	November 24, 25
Quarter Ends .....	December 3

## WINTER QUARTER

Instruction Begins .....	December 5
Christmas Vacation .....	December 20 through January 2
Classes Resume .....	January 3
Washington's Birthday .....	February 22
Quarter Ends .....	March 9

## SPRING QUARTER

Instruction Begins .....	March 13
Easter Holidays .....	March 30 through April 2
Memorial Day Holiday .....	May 30
Quarter Ends .....	June 7

## ADMINISTRATION AND FACULTY

## Board of Education

HOWARD L. BRINES, President

MAURICE RUBENSTEIN, Vice-President

CLEON LINDERMAN

FELIX DeLISLE

MORRILL F. FOLSOM

EVA J. COBB, Secretary

## ADMINISTRATION

Hayes Holman, Superintendent of Schools

Frederick C. Kintzer, Dean

Arthur W. Ehret, Registrar

Katharine Kemp, Director of Student Affairs

William A. Batie, Director of Applied Arts

## FACULTY

FREDERICK C. KINTZER	Dean
B.A., University of Washington; A.M., Ed. D., Stanford University	
WILLIAM A. BATIE	Biological Sciences
B.S., Hastings College; M.S., University of Nebraska	
ROBERT BAUER	Art
B.A., Eastern College of Education	
VINCENT COATES	Engineering Mathematics
B.S., U. S. Military Academy; B.E. College of Puget Sound	
LLOYD B. DYSART	Business Law
B.A., LL.B., University of Washington	
ARTHUR W. EHRET	Chemistry
B.A., Northwestern College; graduate work, University of Washington	
JOHN V. GRIEL	Chemistry
B.S., M.S., University of Washington	
GERALD R. KECHLEY	Music
B.A., M.A., University of Washington	
KATHARINE KEMP	Psychology, Foreign Languages
B.S., M.A., Washington State College	
RUFUS W. KISER	Biological Science, Forestry
B.S., M.S., University of Washington	
ARLEY KOLSTAD	Secretarial Science
B.S., University of Washington	
RICHARD LINDNER	English, Library
B.A., University of Washington	
MINNIE LINGREEN	Social Sciences
B.A., University of Iowa; M.A., University of Washington	
BOYD C. MILLS	Physics, Mathematics
B.S., Washington State College; M.S., College of Puget Sound	
MARILYN ROGERS	Physical Education
B.A., University of Washington	
NORMA RUDINSKY	English
A.B., A.M., Stanford University	
ETHA RUSSELL	English
A.B., University of Oregon; M.A., Washington State College	

JUNE SIPPOLA .....	Practical Nursing
B.S., R.N., Washington State College	
DAROLD J. TALLEY .....	Physical Education and Coach
B.A., University of Washington	
DEAN S. THORNTON .....	Business Adm. and Secretarial Science
B.A., University of Montana; M.A., Washington State College	
OWEN C. WICKS .....	Economics, Speech
B.A., Dakota Wesleyan University; M.A., University of Washington	

## GENERAL INFORMATION

### HISTORY AND ORGANIZATION

The Centralia Junior College, the oldest junior college in the State of Washington, is a co-educational college with courses leading to a junior college diploma. It was established in Centralia in September, 1925, under the sponsorship of the school board. It became a part of the public school system of the state in 1941.

The State Board of Education, in accordance with a provision of law, has designated the Board of Education of School District No. 401 as the governing body of the college.

The college derives its support from state appropriations and student fees.

### ACCREDITATION

The Centralia Junior College is a member of and is accredited on a permanent basis by the Northwest Association of Secondary and Higher Schools.

Credits in courses taken at the Junior College level are accepted on transfer by Colleges and Universities throughout the United States including the University of Washington, Washington State College, the three Colleges of Education and the State Board of Education.

### SCHOOL PLANT

The Junior College is housed in five separate buildings on its own campus. The newest of these buildings, constructed from funds provided by the citizens of Centralia, was completed in 1950. This building, located in the heart of the city, contains the College administrative offices, class rooms, science laboratories, and student activity rooms. Its construction features the most modern improvements in heating, lighting, safety, and comfort.

A sixth building, the Vocational Arts Building, completed during the 1954-55 year and used jointly with the high school, houses the agriculture and art departments of the College for both the day and evening programs. Modern in every respect, this addition to the school plant is one of the best equipped college vocational buildings.

The new High School Fine Arts Building is available to the Junior College for adult evening school courses.

### LIBRARY FACILITIES

The College has an active and continually-growing library which provides ample room for study and a very adequate selection of study materials and books. The books are housed in a separate library building under the supervision of a trained librarian. The library is located on the College campus and offers students the opportunity of both daytime and evening study. Students also have access to the city libraries of Centralia and Chehalis, both of which contain large collections of books and materials for general reading.

### LABORATORIES

The college has laboratories fully equipped for all the sciences included in the curriculum; namely, Bacteriology, Botany, Chemistry, Physics, Physiology and Zoology.

### GYMNASIUM

Centralia's beautiful and modern gymnasium is available for basketball and the various sports given in the Physical Education classes for both men and women.

## ADMINISTRATION

### ADMISSION TO THE JUNIOR COLLEGE

The only requirement for admission to the junior college as a regular student is graduation from a high school, evidence of good character, and ability to do college work. Special students may register without a high school certificate.

### ADMISSION TO FRESHMAN STANDING

A student who has been graduated from an accredited four-year high school in the State of Washington may enter the college upon presentation of satisfactory credentials from his high school. If he has been graduated from an accredited high school, he may, upon completion of two years of satisfactory work in the junior college, enter an institution of higher learning without difficulty. Students from out of the state must meet the same requirements as those who enter from Washington schools.

### ADMISSION TO ADVANCED STANDING

Students who have been regularly matriculated in a standard college or university, or in an accredited junior college, will be admitted to the Centralia Junior College upon presentation of official transcript of their college records, accompanied by a statement of honorable dismissal. A complete transcript of all work done in high school must also be presented.

### SPECIAL STUDENTS

Students who are capable of doing college work may register for college courses. Credits for such work, however, cannot be transferred to another college until the student has completed the requirements for high school graduation. Those students who wish to terminate their education in the Junior College need not complete high school training.

### VETERANS EDUCATION

The Centralia Junior College is an approved institution for the education of veterans under Public Law Nos. 16, 346, and 550. Veterans will be admitted on the basis of their high school record or upon results of the General Educational Development test scores. Credits will be allowed for educational experiences in the armed forces as recommended by the American Council on Education.

Veterans wishing to have their military experiences evaluated should file their records with the Registrar. Additional information concerning the rights and privileges accorded to veterans can be secured from the Registrar.

## REGISTRATION

Students should register before the first day of classes each quarter. Complete registration information may be obtained from the Junior College Office.

Fees must be paid at the time of registration. No student will be permitted to attend classes until all fees have been paid.

Freshmen will not be permitted to carry more than seventeen hours per quarter. Sophomores with an average of "B plus" in all courses previously carried may enroll for additional hours with the permission of the Dean.

Students who are doing considerable outside work are advised to cut down the number of hours for which they register. If it is evident that a student is jeopardizing his scholastic success, he will not be permitted to carry a full course.

All entering freshmen are required to present a certificate from their doctor at the time of registration certifying that they have been examined within a period of 60 days prior to registration.

## CHANGE OF REGISTRATION

A change of registration can be made only with the consent of the instructor and the Registrar. All changes must be made not later than the end of the second week of the quarter.

## SCHOLARSHIPS

A number of scholarships are available to high school graduates excelling in academic, musical, athletic, and other abilities. Applications for these scholarships should be made through the Junior College office before the close of the school year.

**The Daily Chronicle Scholarship.** A scholarship of \$120.00 will be awarded to an outstanding music student from the area served by the Daily Chronicle.

**Board of Education Academic Scholarships.** Awarded to one outstanding graduate from each of the high schools in the area served by the Junior College. Amount: \$75.00, non-renewable.

**Board of Education Activity Scholarships.** Awarded to graduates of any accredited high school who have excelled in high school activities such as athletics, music, etc. Amount: \$75.00, renewable for a second year.

**Board of Education Scholarships-At-Large—Four scholarships-at-large** are available to deserving students. Amount: \$75.00, renewable for a second year.

**Lewis County Music Teachers Annual Scholarship.** Provides tuition to the Junior College for one year to a deserving student active in music. Amount: \$75.00.

**The Altrusa Club of Lewis County Scholarship.** Awarded to a Junior College girl who has completed her freshman year. Amount: \$105.00.

**Margaret Corbet Scholarship.** Awarded each year to a sophomore who was active in the Margaret Corbet Chapter of F. T. A. as a freshman. Amount \$75.00.

**The Centralia Elks Lodge No. 1083 Scholarships.** Two scholarships will be awarded to two outstanding graduates from high schools in the area served by the Junior College. Amount: \$150 each.

**The Centralia Kiwanis Club Scholarship.** A scholarship of \$150 will be awarded to an outstanding music student from the area served by the Junior College.

**The Chehalis Music Co. Scholarship.** A scholarship of \$120 will be awarded annually to an outstanding music student graduating from a high school in Lewis county or adjacent area.

**The Gesler-McNiven Scholarship.** A scholarship of \$150 will be awarded to an outstanding graduate of a high school in the area served by the Junior College.

**The Van Doren Scholarship.** Awarded to a deserving sophomore. Amount: \$75.00.

#### STUDENT LOAN FUND

The Centralia Rotary club has provided a sum of money to be available for students who are in temporary financial difficulties. No interest will be charged on money loaned to students who will repay the loan within a short time. Applications for loans may be made at the office of the registrar.

#### EXAMINATIONS

Students wishing junior college credits must pass final examinations at the end of each quarter. Permission to take final examinations in advance must be given by the Dean. Re-examinations are not given except as a means of removing an incomplete grade.

#### REQUIREMENTS FOR GRADUATION

The Centralia Junior College awards an Associate of Arts Diploma upon the completion of 90 approved hours of credit in academic subjects in either the day or evening school, with a grade index of 2.00 (C average). To be eligible to secure this diploma the candidate must also have settled all financial obligations with the Junior College and must be in attendance at the commencement exercises of his class. An Associate of Applied Arts Diploma will be awarded to those who have earned a total of 90 credit hours in either the terminal or terminal and academic courses.

#### SYSTEMS OF GRADES

Final grades are issued at the end of each quarter as follows:

A—Superior scholarship	D—Passing scholarship
B—Good scholarship	E—Failure
C—Average scholarship	I—Incomplete
W—Withdrawal	

#### SYSTEM OF HONOR POINTS

In addition to the final quarter grades, a system of honor points is used to determine the student's general standing. These honor points are estimated as follows:

- A—4 honor points per credit hour
- B—3 honor points per credit hour
- C—2 honor points per credit hour
- D—1 honor point per credit hour
- E—0 honor points per credit hour

The student's grade index may be computed by dividing the total number of honor points by the hours of credit earned.



INCOMPLETE

An incomplete will be given only in case the student has been in attendance and has done satisfactory work to within two weeks of the close of the quarter. An incomplete is convertible into a passing grade only during the next quarter of attendance, provided the work of the course has been satisfactorily completed.

WITHDRAWAL

No student may drop a course without the consent of the Dean. During the first four weeks of the quarter a student may withdraw from a course and be given a grade of "W." If he desires to withdraw at a later period, he may do so at any time prior to the last two weeks of the quarter. If his work has not been satisfactory, he will be given an "E" instead of a "W."

HONORABLE DISMISSAL

To be entitled to honorable dismissal, a student must have satisfied all obligations to the college and have a satisfactory record of conduct. Students failing to obtain honorable dismissal will not be recommended to another institution.

FEEES

Associated Student Body Fee: \$10.00 per Quarter

General Fees:

- Registration for 5 hours credit, \$10.00 per Quarter
- Registration for 6 to 10 hours credit, \$20.00 per Quarter
- Registration for 11 or more hours credit, \$25.00 per Quarter

Non-Resident Fee: \$30.00 per Quarter

This non-resident fee is charged each non-resident student irrespective of the number of hours credit registered.

Health Fee: \$5.00 per Quarter

This health fee entitles each student to certain medical care and hospital services by the doctors in Lewis County under the auspices of the Lewis County Medical Service Corporation. Details concerning services available may be secured at the Junior College office.

Anatomy	\$ 5.00 per quarter
Bacteriology	5.00 per quarter
Botany	2.50 per quarter
Chemistry	5.00 per quarter
Engineering	1.50 per quarter
Home Economics	2.50 per quarter
Office Machines	1.00 per quarter
Physics	2.50 per quarter
Physiology	2.50 per quarter
Science	2.50 per quarter
Typing	2.00 per quarter
Zoology	3.00 per quarter
Transcript Fee	1.00 per quarter
First transcript furnished free.	
Applied Music	25.00 per quarter
Individual instruction in piano, voice, strings, organ, brass, woodwind and other instruments.	

### REFUNDS

Students who withdraw for satisfactory reasons may, on written application to the Board of Education, receive a refund according to the following plan:

Associated Student Body Fee, non-refundable for any reason.

General Fee, Non-Resident Fee and Laboratory Fees.

Withdrawal within five school days of the opening of the quarter, 100% refund.

Withdrawal after five school days and before the expiration of twenty school days, 50% refund.

Withdrawal after twenty school days of the opening of the quarter, no refund.

### ATTENDANCE

Prompt and regular attendance at classes is required. In cases of protracted illness, absences may be excused upon request and an opportunity will be given the student to complete the work missed.

### STUDENT COUNSELING PROGRAM

In order to guide students in the selection of appropriate educational goals, psychological tests of interests and aptitudes are administered to all incoming freshmen during the first week of the fall quarter. Test results are discussed with students. Further testing and counseling are available upon the student's request. The Dean of the College, the Counselor for Women, the Counselor for Men, and the Registrar give much time to counseling students. In addition, each faculty member is ready to bring his training and experience to bear on specific personal problems of students.

### HOUSING

The Registrar at the Junior College prepares a list of places where students may obtain room and board or a list of suitable rooms, apartments, and houses available for rental to students. Lists of these accommodations may be obtained in the college office.

### TEXTBOOKS

Textbooks are ordered through the local book stores. Enterprising students, however, may secure used books from students who have already completed their courses.

## STUDENT ACTIVITIES

### ASSOCIATED STUDENTS

A Student Council, elected by the Associated Student Body, and consisting of the usual student officers, the presidents of the various organizations, and faculty advisers, directs all student body activities. Student funds are budgeted to cover the following activities: athletics, music, forensics, dramatics, and social events.

### THE JAY SEER

A newspaper, the JAY SEER, is published bi-monthly. Typists and artists as well as those students interested in writing are encouraged to join the staff.

### THE YEARBOOK

The students publish a yearbook annually which summarizes the activities of the year. Opportunity is given to all students to work on the publication.

### MUSIC

College musical organizations play an important role in the life of the community, providing talent for all types of functions. Highlights of the spring quarter are the departmental recitals and concerts and the Annual Music Festival for Junior Colleges of the state.

The Music department is a prominent feature of the College's tour of high schools during the month of May. This extensive visiting program involves several days and climaxes the concert season.

Every student, regardless of background, who is interested in singing or playing has a place in one of the musical organizations outlined in the catalogue.

### DRAMATICS

The Junior College offers many opportunities for participation in dramatics through dramatic readings in competition with other junior colleges, and in one-act plays, three-act plays, and radio dramas.

### SPEECH ARTS

Students interested in public speaking are offered experience in debate, oratory, extempore, and after-dinner speaking. Those who qualify take out-of-town trips to compete in inter-collegiate speech tournaments.

### RADIO

A series of radio programs given with the co-operation of KELA provide valuable training and experience for those interested in broadcasting.

### ATHLETICS

Centralia Junior College athletic teams participate in regularly scheduled contests with other member teams of the Washington State Junior College Athletic Conference. Sports include football, basketball, baseball, track, tennis, and golf. All athletic contests are conducted under the rules of the Washington State Junior College Athletic Code.

In addition to the regular intercollegiate athletic program, intramural competition in basketball, touch football, table tennis, horse-shoes, softball, etc., is provided. Both men and women students find ample opportunity to participate in this program.

### ASSEMBLIES

Assemblies are called for the discussion of student affairs or for the presentation of student and outside talent. Exchange assemblies are held with other junior colleges to promote friendship and encourage student participation. Outstanding speakers on international problems and cultural affairs are frequently presented.

### SOCIAL AFFAIRS

Special affairs are planned and carried out by the students as occasions arise. Throughout the year informal dances are also held in Blazer Hall for all students desiring to attend.

#### MEN'S CLUB

During the college year those activities which are of interest to men students only, are arranged and controlled by the Men's Club, of which all men students are members. Outstanding activities are the Field Day on Noble Field, the Thanksgiving turkey shoot, the annual dinner at which athletic awards are made, and the fishing derby on Hood's Canal.

#### CO-ED CLUB

Every girl upon enrollment in the Junior College becomes a member of the Co-Ed Club, which has to do with activities which concern only the girls of the college. Some sort of social gathering is held each month. These affairs vary in nature from a formal dinner in November and a Tolo dance in March, to potluck dinners in the winter and a picnic in the spring.

#### SERVICE CLUB

The Service Club consists of those students, both men and women, who desire to serve the Junior College in its many functions throughout the entire year. This club offers an opportunity to all students to make a real contribution to the school.

#### SKI CLUB

Located but a few miles from the Mt. Rainier ski area, the College sponsors a ski club, both for beginners and for experts who will represent the school at intercollegiate ski meets.

#### FUTURE TEACHERS OF AMERICA

Centralia Junior College has established a chapter of Future Teachers of America. Students interested in entering the teaching profession attend regular meetings of this organization. Educational projects are carried out to acquaint students with the occupation they have chosen. Active affiliation with the national organization is maintained.

#### LETTERMEN'S CLUB

The Lettermen's Club is made up of young men who have been awarded a "C" because of participation in one of the sports offered at Centralia Junior College under the intercollegiate athletic program.

The purpose of this club is to encourage participation in sports and to support in general the athletic program of the college.

#### FORESTRY CLUB

The Forestry Club consists of students interested in professional forestry.

The objectives of the club are to encourage professional forestry by industrial visitations, to secure professional foresters as speakers for meetings and to aid forestry projects in Lewis County.

#### STUDENT LOUNGE

Blazer Hall, located on the college campus, is designated as a student lounge, and is open throughout the day for relaxation and entertainment. Weekly mixers, formal dances, and receptions are also held here. A student committee governs the student lounge, with the assistance of a faculty member.

ANNOUNCEMENT OF COURSES

The Junior College courses have been designed for three groups of students: first, to meet the needs of those students planning to continue their education at a higher institution; second, to provide cultural and vocational training for students who will complete their education at the Junior College; third, to assist adults in continuing their education along cultural and vocational lines.

As the first two years of college work are general in nature, the subjects given in any course during these two years are in the College of Arts and Sciences. With wise choice in selecting subjects, one may pursue his specialty at a university or college without any loss of time or credit.

No student, however, should attempt to plan his course without consulting the bulletins of information issued by the various colleges or universities; or the Junior College Counselors concerning the requirements of the department he wishes to enter.

Registrars of colleges and universities are always glad to furnish circulars of information and other data concerning required courses.

The regular academic courses at the Junior College are designed to meet the requirements of the first two years of general college work.

CURRICULA

The following are outlines of recommended programs of study for students in certain major subject areas at the college. Although these outlines are suggested they are, in most professional areas, flexible and may be adjusted to the time schedule and particular interests of the student. No change in program should be attempted, however, without consulting the faculty advisor. If the curriculum is preparatory to advanced work at another college, the catalogue of that college should be read carefully to determine whether its entrance requirements are properly met and whether the courses appropriate to the first two years are scheduled. In each curriculum listed below a student is required to take Physical Education activities during each quarter. Physical Education 120 (Personal Hygiene) must be studied during any one quarter of the freshman year.

AGRICULTURE

First Year

Fall Quarter	Winter Quarter	Spring Quarter
Chemistry 111 . . . 5	Chemistry 112 . . . 5	Chemistry 113 . . . 5
Math 101 . . . . . 5	English 101 . . . . 5	English 102 . . . . 5
Agriculture . . . . 5	Agriculture . . . . 5	Agriculture . . . . 5
P. E. . . . . . . . 1	P. E. . . . . . . . 1	P. E. . . . . . . . 1

Second Year

Botany 101 . . . . 5	Psychology 101 . . . 5	Bacteriology 201 . 5
Chemistry 231 . . . 5	Speech 100 . . . . 5	Economics 203 . . 5
Economics 201 . . 5	Botany 102 . . . . 5	Elective . . . . . 5
P. E. . . . . . . . 1	P. E. . . . . . . . 1	P. E. . . . . . . . 1

BUSINESS ADMINISTRATION

First Year

Fall Quarter	Winter Quarter	Spring Quarter
E & B Intro 101 . 5	E & B Acct. 151 . . 5	E & B Acct. 152 . 5
English 101 . . . . 5	English 102 . . . . 5	Eng. Bus. Cor. 221 5
Science Elective . 5	Science Elective . 5	Sociol. or Speech . 5
P. E. . . . . . . . 1	P. E. . . . . . . . 1	P. E. . . . . . . . 1

Second Year

Econ 201 . . . . . 5	Econ 202 . . . . . 5	Econ 203 . . . . . 5
Psychology 101 . . 5	Bus. Law 201 . . . 5	Bus. Law 202 . . . 5
E & B Stat. 260 . 5	E & B 250 . . . . . 5	Political Science . 5
P. E. . . . . . . . 1	P. E. . . . . . . . 1	P. E. . . . . . . . 1

**ENGINEERING**

## First Year

Fall Quarter	
Chemistry 111	5
Math. 111	5
Engineering 101	3
Engineering 111	3
P. E.	1

Winter Quarter	
Chemistry 112	5
Math 112	5
Engineering 103	3
Engineering 112	3
P. E.	1

Spring Quarter	
Math 113	5
Engineering 121	3
Chemistry 113	5
P. E. 120	2
P. E.	1

## Second Year

Math 211	5
Physics 201	5
Econ. 201	5
P. E.	1

Math 212	5
Physics 202	5
English 101	5
P. E.	1

Math 213	5
Physics 203	5
English 102	5
P. E.	1

**FORESTRY**

## First Year

Fall Quarter	
English 101	5
Botany 101	5
Forestry 106	3
Forestry 101	3
P. E.	1

Winter Quarter	
English 102	5
Botany 102	5
Forestry 130	3
Elective	3
P. E.	1

Spring Quarter	
Botany 3	5
Forestry 107	3
Forestry 201	2
Elective	5
P. E.	1

## Second Year

Chemistry 111	5
Math. 111	5
Physics 201	5
P. E.	1

Chemistry 112	5
Botany 211	5
Physics 202	5
P. E.	1

Elective	5
Economics 201	5
Physics 203	5
P. E.	1

**GENERAL COURSE**

## First Year

Fall Quarter	
English 101	5
Science, Elective	5
Language	5
P. E.	1

Winter Quarter	
English 102	5
Science, Elective	5
Language	5
P. E.	1

Spring Quarter	
Psychology 101	5
Elective	5
Language	5
P. E.	1

## Second Year

English 109	5
Economics 201	5
History 103	5
P. E.	1

English 110	5
Economics 202	5
History 104	5
P. E.	1

Sociology 161	5
Elective	5
Philosophy 101	5
P. E.	1

**LIBERAL ARTS**

## First Year

Fall Quarter	
English 101	5
Language	5
Science, Elective	5
P. E.	1

Winter Quarter	
English 102	5
Language	5
Science, Elective	5
P. E.	1

Spring Quarter	
Psychology 101	5
Language	5
Elective	5
P. E.	1

## Second Year

English 109	5
History 103	5
Elective	5
P. E.	1

History 104	5
English 110	5
Elective	5
P. E.	1

Elective	5
History 105	5
Political Science	5
P. E.	1

P. E. 120 must be taken during one quarter of the Freshman year.

**PHYSICAL EDUCATION**

First Year

Fall Quarter	
English 101	5
Zoology 111	5
Chemistry 111	5
P. E.	1

Winter Quarter	
English 102	5
Zoology 112	5
Chemistry 112	5
P. E.	1

Spring Quarter	
Physiology 101	5
Zoology 113	5
Elective	5
P. E.	1

Psychology 101	5
English 109	5
Elective	5
P. E.	1

Second Year	
Speech 100	5
English 110	5
Elective	5
P. E.	1

Electives	10
Sociology 161	5
P. E.	1

**POLITICAL SCIENCE**

First Year

Fall Quarter	
English 101	5
Science, Elective	5
Elective	5
P. E.	1

Winter Quarter	
English 102	5
Science, Elective	5
Elective	5
P. E.	1

Spring Quarter	
Speech 100	5
Philosophy 101	5
Elective	5
P. E.	1

Psychology 101	5
History 260	5
Elective	5
P. E.	1

Second Year	
Psychology 105	5
History 261	5
Elective	5
P. E.	1

Sociology 161	5
Political Science	5
Elective	5
P. E.	1

**PRE-DENTAL**

First Year

Fall Quarter	
Chemistry 111	5
English 101	5
Zoology 111	5
P. E.	1

Winter Quarter	
Chemistry 112	5
English 102	5
Zoology 112	5
P. E.	1

Spring Quarter	
Chemistry 113	5
Psychology 101	5
English 104	5
P. E.	1

Chemistry 231	5
Zoology 212	5
Physics 201	5
P. E.	1

Second Year	
Chemistry 232	5
Zoology 213	5
Physics 202	5
P. E.	1

Chemistry 233	5
Sociology 161	5
Physics 203	5
P. E.	1

**PRE-EDUCATION**

First Year

Fall Quarter	
English 101	5
Science Elective	5
Elective	5
P. E.	1

Winter Quarter	
Science Elective	5
Elective	5
English 102	5
P. E.	1

Spring Quarter	
Psychology 101	5
Speech 100	5
Elective	5
P. E.	1

History 260	5
Economics 201	5
Elective	5
P. E.	1

Second Year	
History 261	5
Economics 202	5
Sociology 11	5
P. E.	1

History 105	5
Electives	10
P. E.	1

P. E. 120 must be taken during one quarter of the Freshman year.

**PRE-LAW**

## First Year

Fall Quarter	Winter Quarter	Spring Quarter
English 101 ..... 5	English 102 ..... 5	Elective ..... 5
Science Elective 5	Elective ..... 5	Speech 100 ..... 5
Foreign Language 5	Foreign Language 5	Foreign Language 5
P. E. .... 1	P. E. .... 1	P. E. .... 1

## Second Year

History 260 .... 5	History 261 .... 5	Political Science 5
Psychology 101 .. 5	Philosophy 101 .. 5	English 104 .... 5
Economics 201 .. 5	Economics 202 .. 5	Sociology 161 ... 5
P. E. .... 1	P. E. .... 1	P. E. .... 1

**PRE-MEDICINE**

## First Year

Fall Quarter	Winter Quarter	Spring Quarter
English 101 .... 5	English 102 .... 5	Psychology 101 .. 5
Chemistry 111 .. 5	Chemistry 112 .. 5	Chemistry 113 .. 5
Zoology 111 ..... 5	Zoology 112 ..... 5	Sociology 161 ... 5
P. E. .... 1	P. E. .... 1	P. E. .... 1

## Second Year

Chemistry 231 .. 5	Chemistry 232 .. 5	Chemistry 233 .. 5
Physics 201 .... 5	Physics 202 .... 5	Physics 203 .... 5
Foreign Language 5	Foreign Language 5	Foreign Language 5
P. E. .... 1	P. E. .... 1	P. E. .... 1

**PRE-PHARMACY**

The American Association of Colleges of Pharmacy requires all member colleges enforce the following regulation: "No student entering a College of Pharmacy with advanced credit shall be permitted to complete the course in pharmacy in less than three collegiate years."

## First Year

Fall Quarter	Winter Quarter	Spring Quarter
English 101 .... 5	English 102 .... 5	Psychology 101 .. 5
Chemistry 111 .. 5	Chemistry 112 .. 5	Chemistry 113 .. 5
Botany 101 ..... 5	Math. 101 ..... 5	Elective ..... 5
P. E. .... 1	P. E. .... 1	P. E. .... 1

**PUBLIC SCHOOL MUSIC**

## First Year

Fall Quarter	Winter Quarter	Spring Quarter
English 101 .... 5	English 102 .... 5	Psychology 101 .. 5
Science Elective 5	Science Elective 5	English 104 .... 5
Music 101 ..... 5	Music 102 ..... 5	Music 103 ..... 5
P. E. .... 1	P. E. .... 1	P. E. .... 1

Instrumental lessons each quarter as needed by the individual.

Participation in ensembles required.

## Second Year

Foreign Language 5	Foreign Language 5	Foreign Language 5
Elective ..... 5	Sociology 161 .. 5	Electives ..... 7
Music 105 ..... 3	Music 106 ..... 3	Music 107 ..... 3
P. E. .... 1	P. E. .... 1	P. E. .... 1

Instrumental lessons each quarter as needed by the individual.

Participation in ensembles required.

P. E. 120 must be taken during one quarter of the Freshman year.



**RADIO SPEECH**

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
English 101	5	English 102	5	Psychology 101	5
Science Elective	5	Science Elective	5	Speech 102	5
Elective	5	Speech 100	5	Elective	5
P. E.	1	P. E.	1	P. E.	1
Second Year					
English 109	5	English 110	5	English 104	5
Sociology 161	5	Philosophy 101	5	Electives	10
Elective	5	Elective	5	P. E.	1
P. E.	1	P. E.	1		

The foregoing list of curricula is not intended to be complete, and serves to illustrate the types of training suggested for certain professions. The Junior College also offers pre-professional training for other professions. Counselors possess complete information concerning these professions and will work out curricula depending upon the background of the individual student and the requirements of the school to which he will transfer for his professional training.

**TERMINAL CURRICULA**

The Junior College is designed to serve not only the student who will later transfer to a senior college, but also to give occupational and general training leading directly to employment and home-making. These courses are sometimes called "Terminal" because the student terminates his training at the end of his Junior College work, usually of two years duration. While most if not all of the academic courses offered in the Junior College have definite value regardless of the student's intention to complete a four-year college course, certain vocational courses have been introduced which will lead directly to employment.

During the current year, terminal training will be offered in the following fields:

1. **Secretarial Science.**

Due to the consistent demand for college-trained clerks, stenographers, secretaries, bookkeepers, and other office workers, the Junior College offers one and two-year courses leading directly to office employment. While basic skills in typing, shorthand, and bookkeeping are stressed, students are expected to enroll in certain courses which will have broad cultural value.

**CURRICULUM**

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
English 101	5	Elective	5	Bus. English 221	5
Typing	2	Typing	2	Typing	2
Shorthand	5	Shorthand	5	Shorthand	5
E & B 101	5	Sec. Science 24	3	Office Machines	2
P. E.	1	P. E.	1	P. E.	1

Second Year

Economics 201	5	E & B Acct. 151	5	E & B Acct. 152	5
Speech 100	5	Bus. Law 201	5	Psychology 101	5
Typing	2	Typing	2	Typing	2
Work Experience or Adv. Shorthand 3/5		Work Experience or Adv. Shorthand 3/5		Work Experience or Adv. Shorthand 3/5	
P. E.	1	P. E.	1	P. E.	1

P. E. 120 must be taken during one quarter of the Freshman year.

## 2. Small Business.

In order to train young people in the operation of small business establishments, the College offers a two-year terminal course which features actual on-the-job training during the second year, for qualified students. The entire course is designed to give a practical working knowledge and is specifically directed toward the types of small businesses operating in the area served by the College.

Students completing this course should readily find employment and eventually may operate their own businesses.

### CURRICULUM

#### First Year

Fall Quarter	Winter Quarter	Spring Quarter
Intro. to Bus. 101 5	English 101 . . . 5	Bus. Eng. 221 . . . 5
Typing 101 . . . 5	Typing 102 . . . 5	Typing 103 . . . 5
Shorthand 104 . . . 5	Shorthand 105 . . . 5	Shorthand 106 . . . 5
P. E. . . . . 1	P. E. . . . . 1	P. E. . . . . 1

#### Second Year

Typing 201 . . . 5	Typing 202 . . . 5	Typing 233 . . . 5
Shorthand 204 . . . 5	Shorthand 205 . . . 5	Shorthand 206 . . . 5
Off. Procedure 24 5	Off. Machines . . . 3	Sec. Acctg. 34 5
P. E. . . . . 1	Filing 225 . . . . 2	P. E. . . . . 1
	P. E. . . . . 1	

P. E. 120 must be taken during one quarter of the Freshman year.

(In addition to the above courses, qualified students will receive on-the-job training in approved business establishments during the second year).

## 3. Practical Nursing

This course is designed to meet the needs of those persons who wish to obtain a license in the field of practical nursing.

The class meets for a period of sixteen weeks, six clock hours daily, five days each week, beginning with the opening of school in September. The following subjects are included in this course; practice of nursing procedures and related theory, including anatomy and physiology; homemaking activities; physical and mental health; care of mother and newborn; care of children; well and ill; recreational and occupational therapy, and care of the aged or chronically ill patient.

Following the sixteen weeks of classroom instruction those persons who wish to become licensed practical nurses will be assigned to hospitals and nursing homes where they will spend forty hours per week for thirty weeks working under the direction of the nurse instructor and hospital staff. Here the students will gain experience in surgical nursing, medical nursing, pediatrics, nursery work, post posture obstetrics and nursing home procedures and techniques.

## 4. Agriculture.

Courses in agriculture are planned to meet the needs of both terminal and transfer students.

Practical farming information is fundamental in terminal agriculture courses. Private and public agricultural facilities are utilized throughout the year to provide laboratory experiences.

A recommended pre-agriculture curriculum for students planning to transfer in agriculture to a senior institution may be found under the Announcement of Courses section of this catalogue.

### 5. Other Types of Terminal Training.

In addition to the occupations listed above the Junior College can assist the student in preparing for many other types of work.

Counselors are prepared to guide students in preparing for careers as laboratory technicians, farmers, receptionists, medical secretaries, fishermen, photographers, stewardesses (air), draftsmen, surveyors, and a variety of other occupations.

### ADULT EDUCATION

Recognizing the need for increasing the personal and social effectiveness of adults in the community who are no longer in a position to avail themselves of full-time training opportunities, the Junior College sponsors an extensive evening school program.

Courses are offered according to demand. Typical courses offered include auto mechanics, interior decorating, typing, shorthand, driver training, French, Spanish, speech, economics, sales, advertising, art, first aid, carpentry, mathematics review, shop mathematics, blueprint reading, upholstery, sewing, etc.

All persons are eligible to attend these classes regardless of age or educational status. Classes meet from one to three evenings a week. A small fee is charged for most courses. For further information write to:

DIRECTOR OF APPLIED ARTS,  
Centralia Junior College,  
Centralia, Washington.



ART

UPHOLSTERY

## DESCRIPTION OF COURSES

The Junior College will include any subject for which there is sufficient demand.

The Junior College reserves the right to withdraw any course or courses for which there is not adequate enrollment.

The description in each department includes:

1. The number of the course used in the Junior College records.
2. The title of the course.
3. Prerequisites.
4. A statement of subject matter.
5. Credits.
6. Quarter given.

Two or three numbers connected by hyphens indicate a course which ordinarily carries credit only when pursued for the full time. No credit in a beginning foreign language is given for less than two quarter's work.

### ART

101. Introduction to Art. Lecture, discussion and study of the relations and developments of historic and contemporary art. Painting, sculpture, architecture, the graphic arts and applied design. Aided by films, reproductions and library materials. The uses of various media. Five credits.

102. Drawing. The various techniques of drawing. Perspective, light and shade, composition, still life. Uses of various media. Given alternate years. Three credits.

103. Drawing. A continuation of Art 102. Emphasis on posed draped figure. Three credits.

104. Drawing. A continuation of Art 102 and 103. Emphasis on clothed figure in action. Three credits.

105. Art Appreciation. A study of the various phases of art. Lectures, discussion, prints, and slides. Five credits.

109. Design. Basic elements and principles of design; colors and their application to practical art problems. Intended to develop imaginative ability and a critical attitude on the part of the student. Prerequisite Art 101. Three credits.

110. Design. Investigation of the various properties and qualities of color. Experiments in color control; color as an element of space development in two and three dimensional forms. Three credits.

243. Advanced Design. Stress on development of design as a decorative element. Application to textiles, wallpaper, etc. Three credits.

256. Crafts. Construction and application of decorative design to various crafts. Beginning techniques in all projects. Three credits.

### BACTERIOLOGY

201. General Bacteriology. An introductory study of the principles and techniques of microbiology. Includes a survey of historical development of bacteriology; taxonomy, morphology, chemical reactions and energy relations of bacteria; sterilization and disinfection practices; survey of pathogenic families of bacteria. Three hours lecture, one hour quiz, four hours laboratory a week. Prerequisite, Chemistry 112. Five credits: spring.

## BOTANY

101. Elementary Botany. A study of the structure of roots, stems, leaves and flowers; elementary plant anatomy and physiology. Three lectures, four hours laboratory a week. Five credits: fall.

102. Elementary Botany. Continuation of Botany 101. The morphology of representative plants in all divisions of the plant kingdom. Five credits: winter.

103. Systematic Botany. The identification and classification of flowering plants representative of the major ecological zones of the state. Five credits: spring.

211. Plant Ecology. A consideration of the effect of environment on plant succession and survival; the factors which determine the vegetative types throughout the world. Three lectures, four hours of laboratory a week. Prerequisite Botany 101 and 102. Five credits: winter.

212. Forest Botany. Identification of browse, toxic and grass-like plants. Prerequisite Botany 102. Five credits: spring.

## BUSINESS ADMINISTRATION

21. Business Mathematics. Comprehensive review of arithmetic fundamentals, including the operation of electric calculators. Applications of arithmetic to various business situations. Five credits: fall.

22. Survey of Small Business. An introductory study of the organization and management of a small business. Consideration will be given to such factors as types of ownership, financing, personnel problems, governmental legislation, and management controls. The student will have opportunity to investigate his field of special interest. Five credits.

23. Salesmanship. Application of the principles of selling to the retail field. Students will have an opportunity to observe and report upon actual sales situations as well as to prepare actual sales demonstrations. Five credits.

101. Introduction to Business. A general introduction to the field of business, including types of business ownership, functions of businesses, types of organization. Five credits: fall.

151-152. Principles of Accounting. A study and application of the fundamental theory of accounts as applied to single proprietorships, partnerships, and corporations. Five credits each quarter: fall, winter.

161-162. Applied Accounting. An application of accounting fundamentals to practical business situations. The student will complete work pertaining to his special field of interest. Prerequisite BA 151. Five credits each quarter: winter, spring.

211. Business Law. Introduction to the law in its origin and development; the law of contracts; agency; employment and labor unions in the law; negotiable instruments; personal property; bailments and transportation; law of sales. Five credits: winter.

212. Business Law. The law of insurance; surety and guarantee; partnerships and unincorporated organizations; corporations; real property, including mortgages and leases; trusts and decedent's estates; bankruptcy, torts, and crimes. Prerequisite BA 211. Five credits: spring.

250. Money and Banking. A historical development of money, with special emphasis upon the theory and mechanics of present-day money and banking practices. Prerequisite BA 201. Five credits: winter.

260. Business Statistics. The compilation and study of business data as applied to practical business and economic situations. Five credits: winter.

**CHEMISTRY**

111-112. General Inorganic Chemistry. A study of the material world, of the changes in the composition of matter, and of the forces producing them. It furnishes the training in general chemistry required of those majoring in Chemistry or preparing for such professions as Medicine and Engineering. Five credits. fall and winter.

113. Elementary Qualitative Analysis. A study of the properties and methods of identification of common metals and acid radicals. Prerequisite Chemistry 112. Five credits: spring.

215. Quantitative Analysis. A study of gravimetric and volumetric analysis. Prerequisite Chemistry 113. Five credits: spring.

231 Organic Chemistry. A study of the compounds of carbon. Prerequisite Chemistry 112. Five credits: fall.

232. Organic Chemistry. Continuation of Chemistry 231. Five credits: winter.

233. Organic Chemistry. Continuation of Chemistry 232. Five credits: spring.

**DRAMA**

21-22-23. Applied Dramatics. Participation in College dramatics. One to three terminal credits each quarter on recommendation of the instructor.

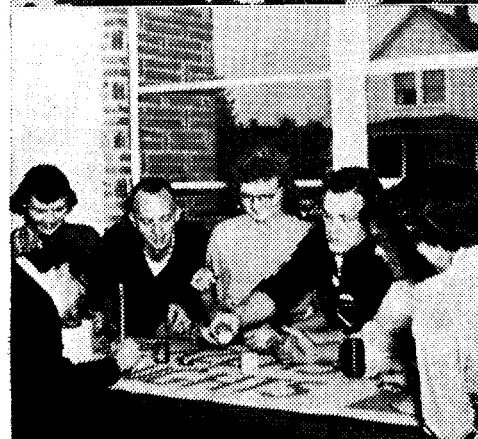
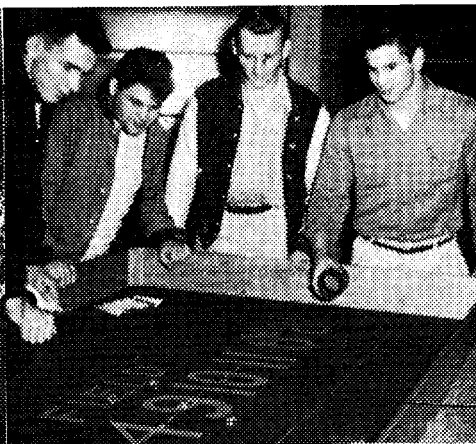
**ECONOMICS**

201. Introduction to Economics. This course treats of the general characteristics of the American economic system and shows how it has developed through various states. Five credits: fall.

202. Principles of Economics. A study of the development of current economic problems. The relationship of government policy and economic principles to the current situation is emphasized. Prerequisite Econ 201. Five credits: winter.

203. Introduction to Economic Geography. A study of the political divisions and their economic resources; their relation to world commerce and trade routes. Five credits: spring.

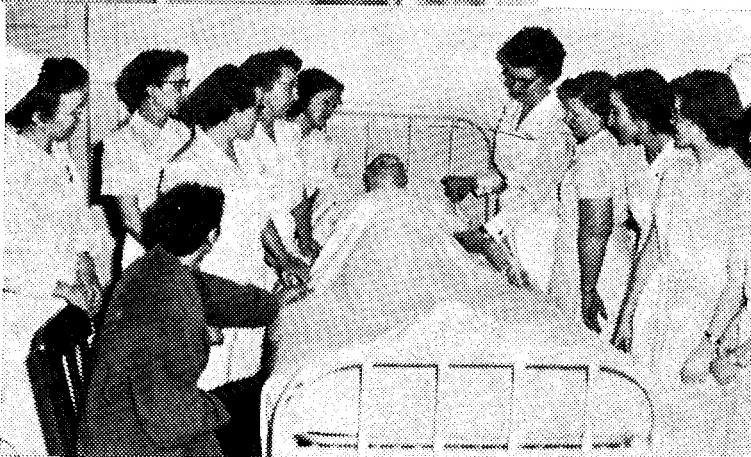
# Student Activities



COED CLUB CHRISTMAS PARTY  
STUDENT COUNCIL PREPARING FOR HOMECOMING  
PEP BAND

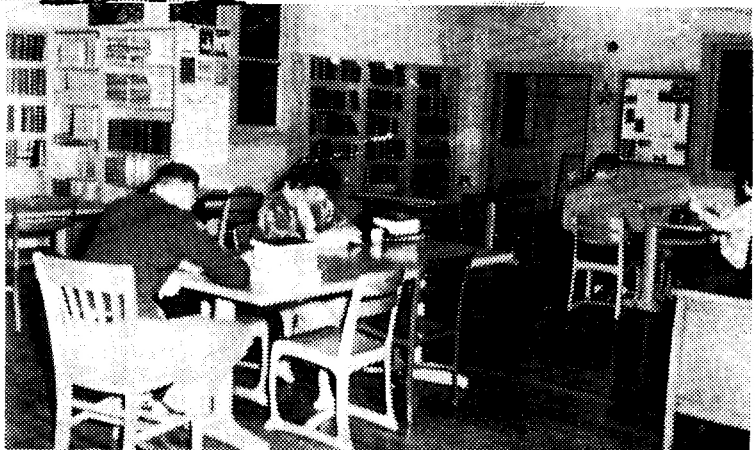
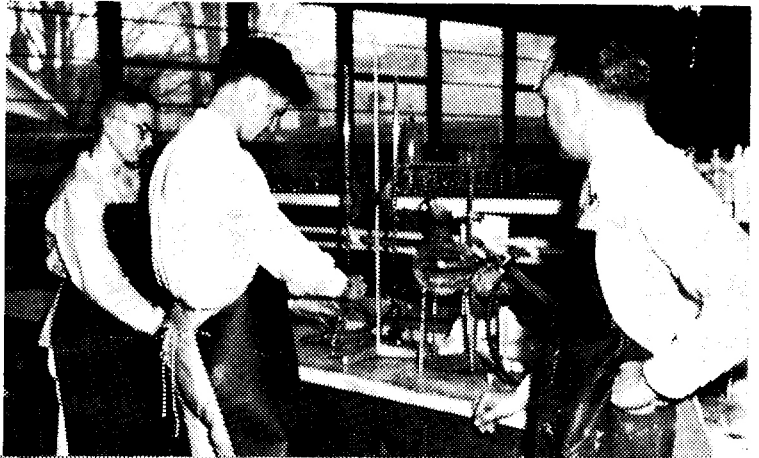
MEN'S CLUB TURKEY SHOOT  
THE QUEEN AND HER COURT  
SERVICE CLUB DINNER

*French  
Practical Nursing  
Business Machines*

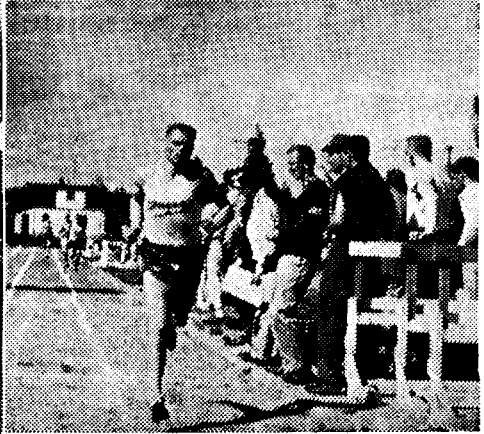
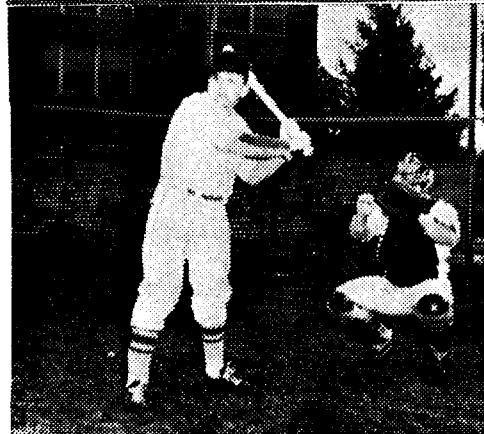
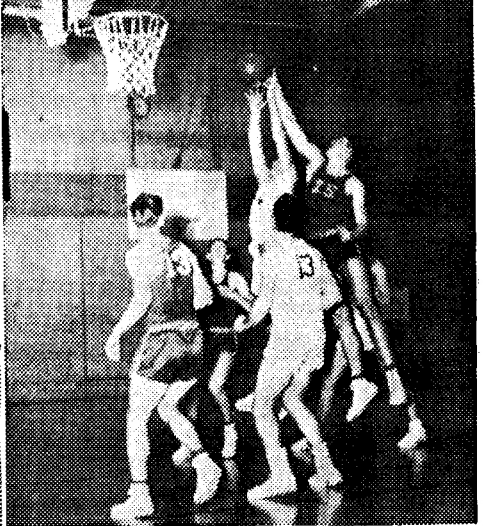




*Chemistry  
Annual Open House  
Library*



# Athletics



## ENGINEERING

The Junior College offers courses in Engineering Problems, Surveying, and Drawing. Prerequisite, Advanced Algebra, Solid Geometry, and high school Physics. While the Junior College supplies a large share of the equipment, the student is required to purchase a drawing set, a slide rule, and text books.

101. Engineering Drawing. Fundamental principles of orthographic projection; lettering; should be preceded by or accompanied by Solid Geometry. Three credits: fall.

102. Drafting Problems. Descriptive Geometry. Prerequisite GE 101. Three credits: winter.

103. Engineering Drawing. Reading and execution of working drawings. Prerequisite GE 102. Three credits: spring.

111. Engineering Problems. Orientation course; training in methods of analyzing and solving engineering problems. Deals principally with dynamics. Prerequisite High School Physics, Advanced Algebra. Three credits: fall.

112. Engineering Problems. Analytical and graphical statics Prerequisite GE 101, 111 and Math. 111. Three credits: winter.

121. Plane Surveying. Methods, use of instruments, computations, mapping. U. S. Public Land Survey. Prerequisite GE 101, 103, and Math. 111. Three credits: spring.

131. D. C. Circuits. A study of direct current theory, including Ohm's law, Kirchoff's Law, Thevenin's Theorem, Superposition Theorem and effects of temperature. Prerequisite Math. 113. Two credits: fall.

132. D. C. Circuits. Continuation of GE 131. Two credits: winter.

133. D. C. Circuits. Continuation of GE 132. Verification of basic laws developed in GE 131,132. Operation and study of direct current machinery and instruments. Four hours laboratory per week. One credit: spring.

## ENGLISH

21. Fundamentals of English. A course for students whose training in English has not been adequate. Five terminal credits.

101. Composition. A review of the fundamentals of grammar and practice in expository writing. Readings in exposition and analysis of form and content. Individual conferences. Five credits: each quarter.

102. Composition. Continuation of English 101 with emphasis upon methods of collecting and organizing material for a documented paper. Individual conferences. Five credits: winter, spring.

104. Introduction to Shakespeare. A detailed study of some of Shakespeare's most important plays. Five credits: spring.

107. The Novel. A study of the modern novel with emphasis on American and English writers. Five credits: spring.

108. Introduction to Literature. Readings in poetry, drama and fiction with special attention to the techniques, purpose and scope of literature. Five credits: spring.

109. Survey of English literature. A history of English literature from the beginning to the 18th century. Five credits: fall.

110. Survey of English Literature. A continuation of English literature from the 18th century to the present, with emphasis on the 19th century. Five credits: winter.

112. Modern Drama. A study of representative modern European and American plays from Ibsen to the present. Five credits: spring.

221. Business English. Analysis of the principles of business letters. Primarily for students in business administration. Prerequisite English 101. Five credits: spring.

245. American Literature. Readings in the major writers from the Puritan Age to the Civil War. Five credits: winter.

246. American Literature. A continuation of English 245, from the Civil War to the present. Five credits: spring.

## FORESTRY

101. General Forestry. An introduction to American Forests. An orientation course supplemented by visits to pulp mills, Forest Nursery, State Fire Hall, and logging operations. Three lectures a week. Three credits: fall.

106. Dendrology. Identification of the Deciduous forest trees and a study of their distribution. Two lectures and four hours laboratory a week. Three credits: fall.

107. Dendrology. The identification of the North American coniferous trees and a study of their distribution. Three credits: spring.

130. Forest Fire Protection. A study of forest fires, their causes, detection and effects; pre-suppression and suppression methods. Three lectures a week. Three credits: winter.

201. First Aid. A study of First Aid to the injured as applied to Forestry. (No credit to those who have received credit in Physical Education 122). Two credits.

## FRENCH

101-102-103. Elementary French. The aims of these courses are to lay the foundation for good pronunciation and to provide a reading and speaking knowledge of the French language. Grammar will be studied the first quarter and will be supplemented by the reading of simple material the second and third quarters. French will be used as much as possible in the classroom. Five credits a quarter: fall, winter, spring.

201-202-203. Advanced French. Reading of modern texts. This course includes a review of grammar, a brief survey of French literary movements from the seventeenth to the nineteenth centuries, and reading of examples of the writings of outstanding authors of the nineteenth century. French will be used as much as possible in the classroom. Five credits a quarter: fall, winter, spring.

## GERMAN

101-102-103. Elementary German. Grammar, composition, translation, pronunciation and conversation. Reading of novelettes and short stories. Five credits a quarter: fall, winter, spring.

201-202-203. Advanced German. Review of grammar, composition and conversation. Reading from Goethe, Schiller, Lessing, and modern novels and dramas. Five credits a quarter: fall, winter, spring.

## HISTORY

History courses are intended to provide the student with an awareness of the heritage of the past and with the background necessary for an understanding of national and world problems of today.

103. Introduction to World Civilization. The historic foundation of civilizations; the growth of culture and institutions in Mesopotamia, Egypt, India, China, Greece and Rome; the early growth of Christianity and the development of early civilizations in Europe. Five credits: fall.

104. Introduction to World Civilization. The Crusades; the Renaissance; the Protestant revolt; the establishment of modern nation states; commercial rivalries and mercantilism; revolutions and reform. Five credits: winter.

105. Introduction to World Civilization. The interdependence of nations; the growth of twentieth century "isms"; the impact of science, philosophy, literature, art and religion on the peoples of the world; the efforts to achieve peace and security through collective action. Five credits: spring.

260. United States History. A study of the establishment of the American nation and its growth to the time of the Civil War; with emphasis on the development of political, social and economic ideas. Five credits: fall.

261. United States History. A study of the continuing growth of the nation with emphasis on its development as a world power. Five credits: winter.

270. Washington History and Government. Early exploration and settlement. Development of political, social and economic institutions. Designed to meet state certification requirements for teachers. Five credits: spring.

## HOME ECONOMICS

101. Food Selection and Preparation. The principles of food selection, meal planning, preparation, preservation, service and cost calculations. Three lectures and four hours laboratory work per week. Five credits: fall.

102. Nutrition. A study of the relationship of food to human nutrition and the factors that determine the body's food requirement. Five lectures per week. Prerequisite Chemistry III. Five credits: winter.

103. Clothing Construction. A study of the principles of design applied to personal clothing problems and the selection and care of clothing. The construction of cotton or linen dresses. Two lectures and six hours laboratory work per week. Five credits: spring.

## JOURNALISM

21-22-23. Elementary Journalism. Fundamentals of reporting, interviewing, news writing, proof-reading and makeup, combined with actual experience of working on college paper. One to three credits per quarter.

51-52-53. Elementary Journalism. Continuation of Journalism 103. Open to sophomores who have had first year Journalism. One to three credits per quarter.

## MATHEMATICS

21. First Year Algebra. A course in elementary Algebra for those students who have not had a course of algebra in high school and who desire to remove this deficiency. Will be offered each quarter when there is sufficient demand. Five terminal credits.

22. Plane Geometry. A course in high school Plane Geometry for those students who desire to remove this subject as an entrance deficiency. Will be offered each quarter when there is sufficient demand. Five terminal credits.

101. Intermediate Algebra. Course is intended for those who have had only one year of high school algebra. It begins with the fundamental operations and continues through logarithms. Will be offered each fall quarter when there is sufficient demand. Five credits: fall.

102. Solid Geometry. Prerequisite one and one-half years of high school algebra and one year of Plane Geometry. Will be offered each winter quarter when there is sufficient demand. Five credits: winter.

111. Plane and Spherical Trigonometry. This course deals with the functions of acute and obtuse angles, solution of right and obtuse triangles, functions of multiple angles and trigonometric identities, equations, curves, and solution and application of spherical triangles. Prerequisite one and one-half years of high school Algebra and one year of Plane Geometry. Five credits: fall.

112. College Algebra. A short review of the fundamental processes of Algebra precedes a study of quadratics, mathematical induction, theory of equations, probability, determinants and series. Prerequisite one and one-half years of high school Algebra or Mathematics. Five credits: winter.

113. Analytic Geometry and Calculus. A study of coordinate systems, straight lines, curves, functions and limits, derivatives, differentiation of algebraic functions, application of derivatives, and differentials. Prerequisites Math. 111, 112. Five credits: spring.

214. Analytical Geometry and Calculus. A study of the processes of integration, conic sections, coordinate systems and parametric equations. Prerequisite Mathematics 113. Five credits: fall.

215. Analytical Geometry and Calculus. A further study of the differential and integral calculus with applications to mechanics, polar coordinates, three dimensional lines and curves in space. Five credits: winter.

216. Analytical Geometry and Calculus. Partial differentiation, multiple integration and elementary differential equations. Three credits: spring.

## MUSIC

100. The College Singers. Open to all students. Smaller ensembles will be formed within this organization. Three rehearsals per week. One to three credits each quarter.

The Madrigal Singers. A select group specializing in the madrigal. Not more than two rehearsals per week.

The Blazer Blades. College men's quartet.

The Blazer Belles. College women's trio.

101-102-103. Music Theory. An integrated course in music fundamentals in which the student learns to play, sing, write and listen intelligently to music. This course emphasizes creative writing, ear-training and sight-singing, harmonization of melody and figured bass, and harmonic analysis. Required for all music majors. Non-music majors may enroll with permission of the instructor. Piano experience is helpful but not a prerequisite. Five quarters each quarter.

104. Introduction to Music. A course for non-music majors only, primarily designed for pre-education majors. A study of music from all periods through recordings and class performances of the finest in musical literature for those students who wish to enlarge their appreciation of music as a part of their general culture. Five credits.

105-106-107. Music History. The study of music history from the beginnings to the present day. Practice in critical writing. Opportunity for performance. Emphasis on class participation. Prominent use of recordings and scores. Required for all music majors. Non-music majors may enroll with permission of the instructor. Three credits each quarter.

108. The "Pep Band." Open to all students. Smaller ensembles will be formed within this organization. Will perform for games, rallies and special occasions. Not more than two rehearsals per week. One to three credits each quarter.

The Brass Choir. Enrollment by permission of instructor.

The Woodwind Ensemble. Enrollment by permission of instructor.

109. Applied Lessons. Private instruction. One lesson per week. Two credits each quarter.

Piano

Voice

Pipe Organ

201-202-203. Music Theory. A continuation of Music 101-102-103. Creative writing in small forms. Practical application of chromatically altered chords and their relation to modulation, with integrated harmonic analysis. Practice in score-reading. Keyboard training. Non-music majors may enroll with the permission of the instructor. Two credits each quarter.

## PHILOSOPHY

101. Introduction to Philosophy. An introduction to major philosophical thinkers, with attention focused on the recurring problems of knowledge, reality, and the good life. Five credits: fall, winter and spring.

102. Introduction to Logic. Deductive and inductive logic. Conditions of clear statement and valid reasoning. Probability and how scientific laws are established. Five credits: winter.

103. Introduction to Ethics. The basic problems of human existence and moral response. Training in formation of norms. Analysis of traditional and contemporary answers to "What is the good life for man?" Five credits: spring.

## PHYSICAL EDUCATION FOR MEN AND WOMEN

Physical education classes are conducted for both men and women. Emphasis is placed on the regular participation in healthful activities which will develop individual skills and aptitudes for sports, and which will provide the skills and techniques of organized team activities.

101-102-103. Activities. Gymnastics, games and sports to meet the needs of the individual. One credit: each quarter.

104. Football activities. One credit: fall.

105. Basketball activities. One credit: winter.

106. Track activities. One credit: spring.

107. Baseball activities. One credit: spring.

108. Tennis activities. One credit: spring.

109. Golf activities. One credit: spring.

120. Personal Hygiene. Health information that affords a basis for the formation of habits and attitudes for healthful living. Given each quarter. Required by all freshmen. Two credits: each quarter.

122. First Aid. The Standard First Aid Course required by the American Red Cross, covering first aid fundamentals in caring for the injured. (No credit to those who have received credit in Forestry 201). Two credits: spring.

123. First Aid and Safety. Covers American Red Cross Standard and Advanced first aid training. Includes elements of safety education. Three credits: spring.

## PHYSICS

101. General Physics. A study of Mechanics and Sound. Prerequisite Plane Geometry. Five credits: fall.

102. General Physics. A study of Heat and Light. Prerequisite Physics 101. Five credits: winter.

103. General Physics. A study of Electricity and Magnetism. Prerequisite Physics 102. Five credits: spring.

104. College Physics. A study of Mechanics and Sound. Prerequisite one year of high school physics. Five credits: fall.

105. College Physics. A study of Heat and Light. Prerequisite Physics 104. Five credits: winter.

106. College Physics. A study of Electricity and Magnetism. Prerequisite Physics 105. Five credits: spring.

201. Engineering Physics. A study of Mechanics and Sound. Stress is placed upon analytical solutions to numerous problems. Prerequisite high school physics and a concurrent calculus course. Five credits: fall.

202. Engineering Physics. A study of Heat and Light. Prerequisite Physics 201. Five credits: winter.

203. Engineering Physics. A study of Electricity and Magnetism. Prerequisite Physics 202. Five credits: spring.

## PHYSIOLOGY

101. Physiology. Introduction to Human Physiology. An elementary study of the metabolic processes of the normal body with special reference to the chemistry involved. Three lecture periods and four hours of laboratory a week. Five credits: spring.



## POLITICAL SCIENCE

201. Modern Governments. A study of the origin and development of government; its organization, functions and chief problems, with emphasis on the governments of the United States, England, France, Germany, Italy, Switzerland and Russia. Five credits: spring.

203. Political Theory. A study of political theories of the Western World; the concept of the state: the relationship of the state and the people; the power of governments; the rights and duties of citizens. Five credits: spring.

205. American Government. The organization and function of our government with special emphasis on the place of local, state and federal agencies. Five credits: spring.

## PSYCHOLOGY

101. General Psychology. A survey of the science as a whole; the study of man's original nature; the way in which nature is altered by use, and the common modes of individual and social behavior that result. Five credits: fall and spring quarters.

105. Psychology of Adjustment. A study of the common individual and social adjustment problems of normal people. Prerequisite Psychology 101. Five credits: winter.

## SCIENCE

101. Biological Science Survey. Introduction of the principal laws of nature and their applications in plants and animals. Covers the constitution of protoplasm; histology and morphology of typical plant and animal genera with their early embryological development; heredity; time eras and the progressive change of life forms which accompanied these eras, and conservation. Four hours lecture, one hour quiz and three hours laboratory per week. Five credits: fall.

111. Physical Science Survey. The principles of astronomy; atomic structure and power; chemistry and its applications; physics and a few machines pertinent to an intercommunicating industrial society; geology and meteorology. Four hours lecture, one hour quiz and three hours laboratory per week. Five credits: winter.

## SECRETARIAL SCIENCE

21-22-23. Basic Typewriting. Fundamentals and practice of touch typing. Arrangement and typing of business correspondence, outlines, term paper, manuscripts, tabulations, manifolding and other business forms. Five credits: fall, winter, spring.

24. Office Procedure. Training and practice in the most efficient stenographic methods and office practices, office dictation, handling mail, reports, modern office methods, secretarial ethics. Prerequisite Basic Typewriting and Elementary Shorthand. Three credits: each quarter.

34. Secretarial Accounting. Accounting theory as applied to book-keeping systems of small businesses. The use of columnar journals, personal income, social security and sales tax procedures. Five credits: spring.

104-105-106. Elementary Shorthand. Theory of Gregg Shorthand. Secretarial Science 21, 22, 23 should be taken concurrently unless student has had the equivalent. Five credits: fall, winter, spring.

201-202-203. Advanced Typewriting. Advanced work on business papers, legal documents, and manuscripts. Emphasis on development of speed and accuracy. Five credits: fall, winter, spring.

204-205-206. Advanced Shorthand. A thorough review of Gregg Shorthand. Advanced phrase writing and shortcuts. Development of speed and accuracy of dictation and transcription. Five credits: fall, winter, spring.

221. Office Machines. Operation of selected office machines, calculators, duplicating machines, filing equipment and devices. Three credits: each quarter.

225. Filing. A laboratory course in principles of filing, including alphabetical name filing, geographic and subject filing, coding, indexing, filing equipment. Two credits: each quarter.

## SOCIOLOGY

101. Sociology. An introduction to the study of man's behavior in sociated living with particular reference to groups, their interrelationships and their influence on the individual; the basic social processes and the instruments of social control. Five credits: fall and winter quarters.

## SPANISH

101-102-103. Elementary Spanish. A study of the fundamentals of Spanish grammar, with practice in conversational Spanish, and the reading of a considerable amount of Spanish. Five credits: each quarter.

201-202-203. Advanced Spanish. Advanced grammar, composition and conversation. Reading examples of the writings of outstanding authors. Five credits: each quarter.

**SPEECH**

100. Fundamentals of Speech. A study of the fundamentals of effective speech including emotional adjustment, oral language, distinct articulation, adequate voice and orderly thinking. Emphasis on speech as a social function. Five credits: each quarter.

102. Public Speaking. A course designed to give the student further training in the preparation and delivery of speeches for various and special occasions. Emphasis is placed upon audience analysis, organization of material, oral style and delivery. Five credits: winter.

103. Discussion and Debate. Discussion and debate are the methods by which the many clubs, societies and legislative groups in our democracy solve their problems and formulate group policy. This course is planned to train the student for effective participation in the discussion groups to which he will belong. Careful analysis, objective thinking, validity of proof and persuasive speaking are stressed. One to three credits upon recommendation of instructor.

104. Radio Speech. Study and practice of basic voice and diction for radio. Preparation in discussion, interviewing, announcing and talks for actual radio performance. Special attention is given to script reading. Five credits.

105. Voice and Articulation. A basic course in voice and articulation. Emphasis is placed on the physiology of voice production and on the improvement of articulation. Five credits: fall.

**ZOOLOGY**

111. Elementary Zoology. Fundamental principles of biology, the life functions, classification and morphology of representative animals of the animal kingdom. Three lectures and four hours of laboratory a week. Five credits: fall.

112. Elementary Zoology. Continuation of Zoology III. The development of vertebrate animals with special reference to structure. Prerequisite Zoology 111. Five credits: winter.

113. Evolution, Genetics and Eugenics. A resume of the eras of the earth's history and the typical life forms of each; a study of the laws governing inherited characteristics and the application of these laws to selective breeding in plants and animals, and an introduction to human genetics. Five lectures a week. Five credits: spring.

211. Comparative Embryology. A study of the embryological processes of the vertebrates. Includes a discussion of the reproductive rhythms; development and function of the embryological membranes and organogenesis starting with the zygote and continuing to the definitive organs, complete in structure but fetal in size as found in typical chordate groups. For zoological majors, pre-medic and pre-dental students. Prerequisite, Zoology 111, 112. Five credits: spring.

212-213. Comparative Anatomy. A study of the anatomical relationships of the chordates. Consists of a discussion of the taxonomy of the chordates and consideration of the homologies and analogies of anatomical systems of the chordates. For zoological majors, pre-medic and pre-dental students. Prerequisite Zoology 111 and 112. Five credits: fall and winter.

**TIME SCHEDULE**

A time schedule of all College Classes will be made at the beginning of each quarter and will be mailed upon request.

For further information, write to

**REGISTRAR**

Centralia Junior College  
Centralia, Wash.

## GRADUATES OF CENTRALIA JUNIOR COLLEGE

## CLASS OF 1927

Dahlstrom, Dorothea, Centralia  
 Dahlstrom, Kirchner, Centralia  
 Gillespie, Hazel, Centralia

Littel, Estella M., Centralia  
 Mracheck, Elmira, Centralia  
 Thompson, Stanley, Centralia

## CLASS OF 1928

Arveson, Elmer, Centralia  
 Berry, Anna May, Centralia  
 Blankenship, H. Alden, Onalaska  
 Cardwell, P. DeWitt, Centralia  
 Choiniere, Doris H., Onalaska  
 Drew, J. Robert, Centralia  
 Graves, Charles F. Centralia  
 Hansen, Herdis H., Chehalis  
 Huber, Walter L., Chehalis  
 Matthews, Floyd, Centralia

Pumphrey, Clyde M., Vader  
 Randlet, Charles E., Centralia  
 Roberson, Hiram J., Centralia  
 Saloma, Sadie S., Centralia  
 Shanedling, Minna F., Centralia  
 Smith, Lester, Onalaska  
 Staeger, Kathryn, Centralia  
 Thompson, B. Dale, Centralia  
 Van Voorhis, Theodora, St. Johns

## CLASS OF 1929

Abel, Willard E., Camas  
 Baker, Kathryn C., Centralia  
 Farnell, Nedra E., Centralia  
 Hall, Eloise M., Centralia  
 Holding, Elton C., Chehalis  
 James, Bertha N., Onalaska

Norman, Elizabeth, Centralia  
 Oest, Harry L., Onalaska  
 Oest, Violet C., Onalaska  
 Roberts, R. Nedra, Centralia  
 Shye, J. Frank, Pe Ell  
 Wagner, Walter F., Rochester

## CLASS OF 1930

Ahern, Ethel B., Centralia  
 Butcher, J. Huber, Chehalis  
 Cheney, Nelson A., Vader  
 Crippen, Arthur L., Dryad  
 Darrow, Vivien, Centralia  
 Davis, Lillian, Centralia  
 Funk, Florence M., South Bend  
 James, David A., Rochester  
 Kibbe, Janice, Tenino  
 McClean, Ronald J., Olympia  
 Manberg, Annie K., Centralia

O'Connor, Harold J., Centralia  
 Peterson, Ephraim, Onalaska  
 Pike, Robert F., Centralia  
 Pollard, Harry B., Chehalis  
 Rainey, Ford, Centralia  
 Staeger, Margaret, Chehalis  
 Teevan, Hester L., Tacoma  
 Throckmorton, Veryl, Centralia  
 Tilton, Ruth M., Centralia  
 Vincent, Carlton D., Centralia

## CLASS OF 1931

Anderson, Lyle, Boistfort  
 Case, Dorothy, Centralia  
 Cory, Jean, Chehalis  
 Edmisson, Francis, Centralia  
 Harned, George, Centralia  
 Hewitt, Helen, Centralia  
 Hilton, Marjorie, Centralia  
 Hull, George, Chehalis  
 Krater, Aline, Chehalis  
 Lewis, Berton, Centralia  
 Martin, Thomas, Centralia  
 McClarty, Kenneth, Olympia

Naismith, William, Centralia  
 Nieuwenhuys, Marie, Chehalis  
 Nystrom, Warren, Yelm  
 Parkinson, George, Rochester  
 Picknell, Russell, Centralia  
 Richmond, Lloyd, Centralia  
 Schultz, Elsie, Centralia  
 Sprague, Mercedes, Kennewick  
 Sweany, Gordon, Boistfort  
 Twiss, Walter, Chehalis  
 Warren, Juanita, Centralia  
 Wood, Vera, Chehalis

## CLASS OF 1932

Arveson, Ernest W., Centralia  
 Barnes, Robert E., Chehalis  
 Berry, Amy, Centralia  
 Brines, Howard L., Centralia  
 Convis, Ransom C., Centralia  
 Fechtner, Ronald, Chehalis  
 Fitzgerald, Edward R., Centralia  
 Grinnell, Jack, Centralia  
 Homstad, Esther A., Centralia  
 Ives, Kathryn Blanche, Centralia  
 Kalivas, Samuel, Chehalis  
 Lewis, Lester J., Centralia  
 Mauerman, Vern L., Centralia

McCall, Wilma E., Chehalis  
 Olson, Mildred, Chehalis  
 Pressey, LeOra Margaret, Centralia  
 Robinson, Jerome, Centralia  
 Sackerson, Myrtle, Centralia  
 Staeger, Arthur Freeman, Centralia  
 Stewart, Ellis E., Centralia  
 Stewart, Robert A., Lebam  
 Swofford, Tom, Chehalis  
 Thomas, Jerome, Centralia  
 Ward, Kenneth L., Colville  
 Zevely, Wilbur, Stevenson

## CLASS OF 1933

Bach, Edgar F., Olympia  
 Baker, Jack Matheson, Centralia  
 Baker, Ruth Catheryne, Centralia  
 Beckim, George, Centralia  
 Born, Genevieve, Centralia  
 Charles, Eugene, Chehalis  
 Collier, S. Elizabeth, Centralia  
 Davis, Eugenia V., Centralia  
 Dieckmann, Otto K., Chehalis  
 Eastman, Oscar Edwin, Chehalis  
 Edinger, John B., Centralia  
 Edinger, Mary Louiee, Centralia  
 Gabel, Joe G., Chehalis  
 Hackett, Ann Constance, Centralia  
 Harms, John Donald, Napavine

Harrison, Clarence W., Naselle  
 Marshall, Paul Donald, Napavine  
 Merrifield, Frederick Maxwell,  
 Centralia  
 Norton, Stewart, Chehalis  
 Olson, Waldo S., Toledo  
 Packard, Grant E., Centralia  
 Plummer, Virginia Guion, Centralia  
 Ritchie, William J., Bremerton  
 Rubin, Lois Elizabeth, Chehalis  
 Rusos, Peter, Chehalis  
 Shaffer, Lois Jane, Pe Ell  
 Sturdevant, Clinton T., Chehalis  
 Stroud, Randall L., Chehalis  
 Wiksten, Frank A., Puyallup

## CLASS OF 1934

Acheson, Eleanor, Chehalis  
 Allen, Eugene N., Centralia  
 Bailey, Al J., Chehalis  
 Barnes, Jess, Chehalis  
 Charlet, Eva, Centralia  
 Conn, Clarence Elbert, Chehalis  
 Costello, Alice, Chehalis

Doersch, Howard B., Centralia  
 Ebert, Elizabeth Louise, Centralia  
 Lewis, Elmo Baxter, Chehalis  
 McCutcheon, Anne, Adna  
 Ritchie, Bob, Bremerton  
 Saari, Flora, Vader  
 Tolleson, Floyd C., Jr., Rochester

## CLASS OF 1935

Bishop, Jane Susanne, Chehalis  
 Cochrane, Donald Lewis, Yelm  
 Frykholm, John Howard, Centralia  
 Ghormley, Harry K., Jr., Centralia  
 Holdereed, Francis, Oakville  
 Kresky, Howard S., Centralia  
 MacDonald, John M., Chehalis  
 McCutcheon, Mary Meloy, Adna  
 McDonald, Frank E., Centralia  
 Miner, Hazel Edna, Chehalis

Oppelt, Marion Orville, Centralia  
 Richter, Wilbur, Boistfort  
 Rogers, Florence Elizabeth, Chehalis  
 Roland, Robert R., Napavine  
 Root, Margaret Fleming, Centralia  
 Staeger, Hans Griffith, Chehalis  
 Steffenson, George M., Centralia  
 Sturdevant, Beatrice Fae, Chehalis  
 Waldron, Helen Jeanette, Chehalis

## CLASS OF 1936

Adams, Warren W., Centralia	Lightle, Melvin A., Yelm
Agnew, Jay, Centralia	Markstrom, Sibyl D., Chehalis
Anast, Harry, Chehalis	McBride, Edward, Centralia
Back, C. Nelson, Adna	McCutcheon, Mary K., Adna
Berlin, Prudence, Centralia	Mize, Ralph A., Centralia
Blumenthal, Vahn L., Centralia	Olson, Elmer J., Centralia
Brines, William F., Centralia	Otteson, Florence M., Rochester
Clizbe, Reginald J., Centralia	Pratt, Virginia E., Adna
Conlee, Herbert A., Chehalis	Peterson, Virgil K., Adna
Delano, Paul W., Centralia	Stinson, Roberta G., Chehalis
DeSpain, Margaret M., Boistfort	Watson, Frank H., Jr., Centralia
Evans, Thomas G. H., Walla Walla	Welsh, Roy A. Jr., Chehalis
Fyock, Ford O., Centralia	Wirta, Norman G., Chehalis
Hindman, George A., Rochester	

## CLASS OF 1937

Blumenthal, Vione E., Centralia	Neat, Lyall, Rainier
Coburn, Murray A., Centralia	Parkin, Isabelle, Centralia
Compton, Bill, Centralia	Rusos, George, Chehalis
Ghormley, John A., Centralia	Stewart, Alberta, Centralia
Gillespie, Ronald K., Centralia	Stewart, Donald B., Centralia
Griel, John V., Onalaska	Sweany, Willard G., Winlock
Hilpert, Fred P., Centralia	Thompson, Anne L., Centralia
McGandy, Betty G., Chehalis	Voegele, Vincent J., Centralia
McLeod, Julius E., Centralia	Watson, John D., Centralia
Mohoric, Henry, Boistfort	West, Joseph, Centralia

## CLASS OF 1938

Beckim, Russell W., Centralia	Monfort, Robert H., Ethel
Bradley, Michael T., Centralia	Newburn, William A., Toledo
Breckenridge, Robert A., Galvin	Packard, Beulah M., Centralia
Brines, Earle E., Centralia	Parkin, Mae, Centralia
Burdette, Verdine L., Centralia	Pool, Kenneth N., Chehalis
Davies, Maurice G., Adna	Reynolds, Robert A., Chehalis
Davies, Ruth L., Centralia	Savage, Marguerite A., Centralia
Dickey, Maxine E., Centralia	Steelhammer, Yvonne A., Galvin
Fischer, George J., Centralia	Swedberg, Clarence H., Centralia
Galvin, Ross M., Centralia	Tilton, William H., Centralia
Galvin, Suzanne, Centralia	Van Doren, Donald A., Wenatchee
Goodard, Naomi, Ryderwood	Warnecke, Jack G., Chehalis
Hanf, Robert W., Chehalis	Warren, Mildred E., Centralia
Kristofferson, Helmer C., Rainier	

## CLASS OF 1939

Ahern, Charles R., Centralia	Hubbert, Geraldine, Adna
Beckim, Eloise M., Centralia	Johnston, Geraldine J., Adna
Born, Maxine, Centralia	Kirkpatrick, Alice L., Centralia
Davis, Glenn D., Centralia	Knowles, Robert H., Centralia
Dunckley, George H., Centralia	Leslie, James F., Centralia
Eastman, Robert O., Adna	McClaskey, Dewey C., Centralia
Eastman, William A., Adna	Miller, Salick, Centralia
Fagerness, Oscar G., Centralia	Rogers, John C., Chehalis
Fletcher, Eileen M., Centralia	Sanford, Jerome G., Bucoda
Frykholm, Ellen R., Centralia	Urich, Robert B., Chehalis
Graham, Josephine, Chehalis	Vogel, Charles M., Centralia
Harwick, Ruthiedean, Centralia	Wasson, Joyce, Galvin
Hays, Naomi F., Chehalis	West, Stewart, Centralia
Houghton, Donald E., Centralia	

## CLASS OF 1940

Ahern, Ira R., Centralia  
 Allen, Joseph H., Centralia  
 Balsom, James P., Chehalis  
 Bear, Betty A., Centralia  
 Bever, Lloyd W., Centralia  
 Breckenridge, Jack D., Centralia  
 Brown, Carroll W., Chehalis  
 Cassidy, Lorraine H., Bucoda  
 Clizbe, Garth D., Centralia  
 Dickey, Pauline R., Centralia  
 Galvin, Kathleen, Centralia  
 Gass, James E., Centralia  
 Holce, Eugene C., Centralia  
 Howell, Margaret L., Centralia  
 Kellogg, Alvin L., Centralia  
 LeClerc, Roger V., Onalaska  
 Logan, Judith M., Chehalis  
 Loofburrow, Anne L., Centralia  
 Nisbet, Marlyta M., Chehalis  
 Paulus, Francis J., Wisconsin  
 Persons, Olive G., Centralia  
 Quick, Barbara J., Chehalis  
 Saulsberry, Helen L., Centralia  
 Southard, Franklin W., Centralia  
 Thompson, Peggy E., Chehalis  
 Troth, Jane L., Centralia  
 Van De Wall, June L., Chehalis  
 Wells, John Dean, Centralia  
 Wright, Joyce Marie, Mossyrock

## CLASS OF 1941

Anderson, Norman LeRoy, Chehalis  
 Barnett, Richard Shirley, Centralia  
 Bell, Barbara Jean, Centralia  
 Bigelow, William Henry, Centralia  
 Bowers, Gordon Adams, Sumner  
 Curtis, Herman Eugene, W. S. C.  
 Davies, Percy Charles, Adna  
 DeLano, Bernice Evelyn, Centralia  
 Eddins, Robert Lee, Centralia  
 Eppard, Donald L., Centralia  
 Escallier, Clarence Robert, Centralia  
 Fletcher, Elaine L., Centralia  
 Gelder, Carl, Centralia  
 Ghormley, Anna Mary, Centralia  
 Graham, Rosemary, Chehalis  
 Hays, Max G., Chehalis  
 Headington, Darlyn Rita,  
     St. Mary's Academy  
 Huber, Edwin Raymond, Chehalis  
 Lewis, Elsie C., Chehalis  
 Loudon, Dorothy Mae, Centralia  
 Markham, John Howard, Jr., Cent.  
 McCutcheon, Jean Ellen, Adna  
 McGandy, Barbara R., Chehalis  
 McMurray, Delia F., Mossyrock  
 Mehlenbeck, Clarence William, Jr.  
     Centralia  
 Melius, Albert Kenneth, Adna  
 Myers, George A., Chehalis  
 Paine, LeRoy William, Rainier  
 Phillips, Ann W., Portland  
 Phillips, Fred W., Portland  
 Raymond, Esther M., Rochester  
 Roberts, Joyce Alfreda, Chehalis  
 Schweder, Dorothy Ann, Chehalis  
 Swigert, Vonda Claire, Mossyrock  
 Templeman, James Michael,  
     Centralia  
 Terk, Anne M., Centralia  
 Warren, Robert Ralph, Centralia  
 Waters, Wilfred, Centralia  
 Welsh, William Harlen, Centralia

## CLASS OF 1942

Arzo, Shakeh, Adna  
 Damron, Vera LaVerne, Mossyrock  
 Davis, James J., Centralia  
 Denning, Marvin James, Centralia  
 Eddins, Lotus Jean, Centralia  
 Edinger, Gail Jeanette, Centralia  
 Edwards, Agnes Louise, Centralia  
 Grabler, Floyd E., Chehalis  
 Hayes, Carolyn Mabel, Centralia  
 Kendall, Wayne Everett, Chehalis  
 Lange, Arthur H., Centralia  
 Lucas, Emil Heinz, Centralia  
 Pakar, Lillian Irene, Chehalis  
 Payne, Donald B., Chehalis  
 Price, Jack D., Centralia  
 Ramsay, Gloria Phyllis, Centralia  
 Ramsey, Frances Genevieve,  
     Centralia  
 Rice, Marie Antoinette, Centralia  
 Richter, Donald J., Centralia  
 Robinson, Maxine Bernice,  
     Centralia  
 Russell, Dale, Chehalis  
 Stewart, Allison Reid, Centralia  
 Taylor, Florence Agnes, Onalaska  
 Ticknor, Leland Bruce, Centralia  
 Timm, Dean O., Centralia

## CLASS OF 1943

Benedict, Betty Ellen, Centralia	Mulford, Kenneth Wayne, Centralia
Curtis, Mary Lois, Tenino	Mulford, Marvin Stanley, Centralia
Elley, John Everett, Centralia	Oster, Edwin E., Centralia
Epperson, Robert S., Chehalis	Pittsley, Melba Ariene, Cottage Grove, Oregon
Erzen, Paul Ernest, Centralia	Randall, Helen Marjorie, Winlock
Gallagher, Jean Elizabeth, Centralia	Schweder, Verna Ruth, Chehalis
Hanf, James Alphonso, Chehalis	Simmons, Nellie Jeanne, Centralia
Hoerling, Robert William, Centralia	Troth, William Dewain, Centralia
Howell, Erle, Jr., Centralia	Wood, George L., Jr., Chehalis
Kiser, Mildred Louise, Centralia	
Kuehner, Margaret Louise, Chehalis	

## CLASS OF 1944

Bowlby, Helen Alberta, Centralia	Newman, Beryl Eileen, Napavine
Gano, Margaret, Pasadena, Cal.	Nosko, Veronica Marie, Centralia
Knowles, Walter Wilson, Idaho	Rigg, Dorothy Mae, Centralia
Mears, Robert W., Centralia	

## CLASS OF 1945

Middlesworth, Shirlee Marilyn, Centralia	Hodge, Tove Irene, Centralia
	Schnurstein, Christina A., Chehalis

## CLASS OF 1946

Ames, Frank Roy, Centralia	Snider, Donna Rae, Ryderwood
Gilliam, Janice Ilene, Centralia	Stoffer, Helen Therese, Centralia
Gray, Gloria Yvonne, Centralia	Sullivan, Hugh J., Centralia
Jarrell, Mildred Brickey, Onalaska	Teitzel, Robert D., Centralia
Lucas, Kathryn Irene, Centralia	West, Grace, Centralia
Saubers, Rodney W., Chehalis	

## CLASS OF 1947

Albers, Caroline, Centralia	Palmer, Rodney L., Centralia
Anvik, Carley, Centralia	Phillips, Robert Elmer, Centralia
Brown, Barbara Maxine, Centralia	Pollom, Norman DeVere, Chehalis
Butterworth, Jean Marie, Centralia	Rickard, Dorothy-Ann, Centralia
Carty, Patricia Elizabeth, Napavine	Ripley, John Byron, Centralia
Collias, Thalia Kathleen, Centralia	Roberts, Charleyne C., Mossyrock
Detton, Glen Johnson, Idaho	Rogerson, Robert W., Centralia
Dickey, Stanley E., Centralia	Ryckman, Walter Jr., Centralia
Dvoracek, Louis M., Centralia	Sears, George Lester, Chehalis
Graham, Olin Maxwell, Jr., Tacoma	Shupp, Elsie M., Centralia
Hatfield, James M., Centralia	Simmons, Jessilee, Centralia
Isaksson, Nils T., Tenino	Smilie, Len I., Centralia
Lehto, Robert E., Centralia	Steele, Jayne, Centralia
McCarthy, John K., Chehalis	Stray, Orrin W., Centralia
Merriman, Kenneth, Centralia	Taylor, Garrett K., Auburn
Oster, John F., Centralia	Wuerth, Walter, Centralia



## CLASS OF 1948

- Abels, Duane Elmer, Clearfield,  
Iowa
- Anderson, Donald Eugene, Tenino
- Bass, Edward E., Chehalis
- Benton, Paul L., Centralia
- Berryhill, Marshall H., Chehalis
- Bevington, Lloyd M., Centralia
- Bishop, Guy Robert, Centralia
- Boggs, John Francis, Chehalis
- Calkins, Kenneth Lyle, Chehalis
- Campbell, Donald W.,  
Los Angeles, Calif.
- Cannon, William Charles, Adna
- Christensen, Carl W. E., Vancouver
- Christensen, Esther Louise,  
Vancouver
- Ciranny, Louie S., Centralia
- Ciranny, Samuel J., Centralia
- Clements, James L., Jr., Chehalis
- Cotter, James Dennis, Lakeview,  
Ore.
- Curtis, Henry F., Jr., Chehalis
- DeSpain, Donald Harry, Boistfort
- DeSpain, Jean L., Boistfort
- Ehret, William Walter, Centralia
- Evans, Harry L., Everett
- Forrister, Estes S., Centralia
- Fries, Antone Philip, Winlock
- Gregg, George Owens, Chehalis
- Harlow, Irene M., Chehalis
- Harris, Anita Grace, Oakville
- Hartsell, Donald F., Chehalis
- Hawkins, Robert James, Centralia
- Hehn, Robert E., Chehalis
- Hemenway, Melvin Owen, Centralia
- Henderson, Barbara Johnston,  
Centralia
- Hinken, Edward W., LeMars, Iowa
- Housman, Lowell James, Centralia
- Hutson, Phillip, Seward, Neb.
- Jacobus, Beverly Jean, Centralia
- Jenkins, Richard Irving, Centralia
- Johnson, Richard Lee, Centralia
- Kearns, Frank Wilber, Tonkawa,  
Okla.
- Kendall, Robert Lloyd, Centralia
- Kennedy, Margaret L., Centralia
- Keto, Shirley May, Centralia
- Kirschner, William R.,  
New Brighton, Penna.
- Kolash, Robert C., Chehalis
- Matthews, Clifford Ross, Centralia
- Mayes, Edward S., Jr., Centralia
- McCready, William G., Centralia
- Monaghan, Richard Allan,  
Centralia
- Moore, James A., Rochester
- Myer, John Allan, Onalaska
- Nelsen, Joye Anna, Centralia
- O'Ban, Thomas C., Chehalis
- O'Connor, Mary Lou, Chehalis
- Phillips, Richard Allen, Centralia
- Ponder, Thomas Lee, Chehalis
- Powell, Virginia Carroll, Centralia
- Reins, Harlan D., Centralia
- Roy, Barbara Mae, Fife
- Rycroft, Samuel Robert, Centralia
- Senn, Harry Gene, Chehalis
- Shearer, Dale I., Centralia
- Smith, Donald F., Adna
- Smith, James Byron, Cle Elum
- Smith, Kenneth W., Packwood, Ia.
- Stray, Betty Colvin, Centralia
- Svenson, Sven I., Wenatchee
- Szambelan, John, Chehalis
- Turya, Donald A., Centralia
- Walker, Howard Aaron, Centralia
- Wallenstein, Robert J.,  
Rawlins, Wyoming
- Walsh, Maurice R., Centralia
- Waters, James Reginald, Centralia
- Watson, William Dean, Centralia
- West, Julia Elsie, Centralia
- Whittaker, Kathryn Jane, Adna
- Williams, Thomas A., Morton
- Woody, Samuel H. Jr., Winlock

## CLASS OF 1949

Alleger, R. L. Jr., Centralia  
Anderson, JoAnn, Centralia  
Autio, Dick A., Chehalis  
Autio, Nancy Jane, Chehalis  
Barker, Oren D., Olympia  
Blanchard, James Dale, Centralia  
Bogden, Francis, Centralia  
Boyd, Joann, Chehalis  
Britt, James E., Ellensburg  
Closner, John Edwin, Chehalis  
Clune, M. Garrie, Chehalis  
Connick, Percy C., Chehalis  
Cowley, Charles D., Adna  
Dils, Dorothy Deane, Olympia  
Eko, Robert, Rochester  
Elgin, Betty Grace, Rochester  
Elmquist, Donna Mae, Centralia  
Galusha, Walter Jerome, Chehalis  
Grabenhorst, Albert R., Chehalis  
Gregg, J. Bernice, Chehalis  
Hamilton, Kellis A., Chehalis  
Harrah, Alma Julia, Centralia  
Holladay, Robert A., Centralia  
Holman, George, Oakville  
Hull, Vernon, Chehalis  
Jay, Gilbert Charles, Chehalis  
Johnstone, Robert, Winlock  
Juneman, Walter, Centralia  
Kane, Gene A., Centralia  
Keto, John Richard, Centralia  
Keto, William E., Centralia  
Krause, Paul Gerhart, Chehalis  
Le Duc, Charles, Centralia  
Lien, Dale Erling, Chehalis  
McKole, Richard J., Centralia  
Melton, Willard H., Adna  
Mohoric, Edward, Boistfort  
Morgan, Charles B., Centralia  
Newell, Thomas E., Mossyrock  
Nickels, Donald E., Centralia  
Nordlund, Clifford Lyle, Centralia  
Pierce, Alfred J., Centralia  
Radick, Joan Irene, Centralia  
Sandberg, Harry Lee, Centralia  
Sellards, Lyle Durkin, Centralia  
Shambley, Robert, Centralia  
Snider, Robert K., Ryderwood  
Tomasheck, Arnold, Centralia  
Waltrip, Homer W., Centralia  
Waring, Robert B., Centralia  
West, Earl P., Rochester  
Winters, Ray Dick, Toledo  
Wortman, Gordon F., Centralia  
Yeager, Dolores Arleta, Onalaska

## CLASS OF 1950

Adolphsen, Frederick Paul, Chehalis  
 Alvord, Barbara Joan, Centralia  
 Anderson, Darlene Nell, Centralia  
 Barber Jr., Manning John, Chehalis  
 Beck, Edwin Nevins, South Bend  
 Bender, Joan Pearl, Chehalis  
 Bowlby, Ada Joan, Centralia  
 Britt, David Lawrence, Chehalis  
 Bruno, William John, Centralia  
 Busse, Ruth Elizabeth, Naselle  
 Chase, Jacqueline Dee, Chehalis  
 Closner, James A., Chehalis  
 Cooke, Joe Cannon, Chehalis  
 Cournyer, Ralph Winfield, Morton  
 Crase, Carl Rex, Rochester  
 Crawford, David Riley, Paris, Ill.  
 Damon, Marilene Fern, Lamar, Colo.  
 Duncan, Herbert L., Mossyrock  
 Fortune, Joseph Henry, Chehalis  
 Frazier, Worthy Lyle, Boistfort  
 Gamble, Lee, Seattle  
 Glodt, Helen Marie, Chehalis  
 Goff, Harold Roy, Kingsport, Tenn.  
 Goff, Kenneth James, Kingsport, T.  
 Gregg, James Browning, Chehalis  
 Hale, Margaret M., Winlock  
 Hallett, Robert R., Centralia  
 Hirvela, David A., Centralia  
 Hoveland, Robert Lyle, Adna  
 Ice, Richard Eugene, Chehalis  
 Johnstone, Donald A., Winlock  
 Kemp, Margaret Anne, Onalaska  
 Lonborg, James Oliver, Oakville  
 Lucas, Margaret H., Centralia  
 Luebke, Robert James, Boistfort  
 McBride, Albert N., Shelton  
 McMurphy, Darrel Q., Winlock  
 McNair, Stephen Y., Tenino  
 McRee, Francis Foster,  
     New Augusta, Miss.  
 Messenger, William D., Centralia  
 Miller, Alice Ann, Chehalis  
 Miner, John Martin, Chehalis  
 Mitchell, James L., Centralia  
 Morris, Douglas Merrill, Centralia  
 Oliphant, Manford M., Chehalis  
 Oster, Alice Grace, Centralia  
 Oster, Emma Jean, Centralia  
 Parrish, Bette Jean, Rochester  
 Perry, Robert Lee, Chehalis  
 Peterson, Bonnie Mae, Spokane  
 Rayfuse, James Leonard, Olympia  
 Siegwarth, John, Adna  
 Smith, Delford M., Centralia  
 Sommer, Omar Wayne, Portland  
 Tobin, William W., Seattle  
 Verrier, Huguette Suzanne, Chehalis  
 Walpole, Ralph Gerald, Chehalis  
 Ward, Edmond Eugene, Sacramento  
 West, Joyce Elizabeth, Centralia  
 White, Stewart Adams, Seattle  
 Whiteman, Lee J., Centralia  
 Wiese, Jochim R., Washburn, N.D.  
 Yahn, Robert A., Winlock.

## CLASS OF 1951

Barr, Lois, Boistfort  
 Bates, Earl, Olympia  
 Betts, Arthur, Rochester  
 Calvin, Elsie May, Toledo  
 Caswell, Laureen A., Chehalis  
 Dickey, Ellabeth Grace, Centralia  
 Dickey, Robert Carl, Centralia  
 Dickey, Velda Louise, Centralia  
 Dixon, Grace, Olympia  
 Elgin, Mary JoAnn, Rochester  
 Flagg, Ray O., Onalaska  
 Fors, Barbara L., Centralia  
 Gabriel, Lareta Mae, Raymond  
 Glanz, Martha Marie, Centralia  
 Glodt, Marian Carol, Chehalis  
 Greiter, Gilbert, Morton  
 Jenkins, Hazel Viola, Olympia  
 Jones, George W., Morton  
 Lenis, Carlos, Rochester  
 Mattick, William Eugene, Centralia  
 Meurer, Don D., Seattle  
 Mitchell, LeRoy, Oakville  
 Neva, Gene G., Centralia  
 Plant, Thomas E., Mossyrock  
 Pomeroy, Westley F., Eureka, Mont.  
 Reichel, Lester Rice, Yelm  
 Reichel, Lloyd Chester, Yelm  
 Robinson, Lois Irene, Centralia  
 Scott, William Andrew, Chehalis  
 Sexton, William A., Centralia  
 Shahan, Pat D., Chehalis  
 Smith, Marion Albert, Rochester  
 Spurgeon, Matthias E., Centralia  
 Switzler, Roy Edwin, Renton  
 Toy, Jr., Eckard V., Chehalis  
 Unterwegner, James L., Adna  
 Vimont, Louis E., Chehalis  
 Warren, Harry, Centralia  
 Weaver, Donn Lee, Onalaska  
 White, Alice Marie, Boistfort  
 Williams, Milton Eugene, Chehalis  
 Williams, V. Lyle, Toledo  
 Wolter, James R., Chehalis  
 Wood, Clarence J., Chehalis  
 Ziegler, Ronald Charles, Onalaska



## CLASS OF 1954

Arnett, Barbara Jane, Chehalis  
 Barnes, Marjorie Louise, Centralia  
 Brown, Harold Eugene, Winlock  
 Burchett, Thomas Elton, Onalaska  
 Caryl, Beryl JoAnn, Centralia  
 Cook, John Arthur, Chehalis  
 Curtis, Charles Wesley, Adna  
 Davis, Marvin Roger, Centralia  
 Doyle, Thomas Edward, Chehalis  
 Duval, Gerald Faye, Oakville  
 Eko, Lillian Lucille, Rochester  
 Gershick, Edythe Ariene, Mossyrock  
 Greene, David Ellsworth, Centralia  
 Greene, George Loomis, Centralia  
 Greene, Virginia Curtis, Castle Rock  
 Greenland, Donald Clyde Jr., Centralia  
 Holit, Gert Eugene, Des Plaines, Ill.  
 Hyatt, Donald Ira, Lebam  
 Kostick, Louise Marie, Chehalis  
 Leonard, David Lee, Chehalis

Milem, John Edward, Centralia  
 Monfort, James William, Chehalis  
 Morton, Patricia Anne, Napavine  
 Moulton, Frank Wesley, Centralia  
 Mudge, William James, Flint, Mich.  
 Niemi, Phyllis Virginia, Centralia  
 Perry, Arthur Eugene, Centralia  
 Pettit, John Edsel, Chehalis  
 Pettit, Robert John, Rainier  
 Peyton, Barbara Ann, Centralia  
 Pumpfrey, Theodore, Winlock  
 Robinson, Deane Carlyle, Centralia  
 Leggett, Marjorie Roe, Centralia  
 Root, Clifton Earl, Bremerton  
 Ruzicka, Roger Lee, Chehalis  
 Sachs, John Thomas, Onalaska  
 Siegwarth, James David, Adna  
 Taylor, Peggy Lee, Centralia  
 Thomas, Donald Gordon, Tenino  
 Tucker, Rollyn Lee, Mossyrock  
 Wassenaar, Elizabeth Sylvia, Mossyrock

## CLASS OF 1955

Andrews, Arlene Dolores, Shelton  
 Angel, Wayne Robert Jr., Chehalis  
 Austin, Jack Allen, Tenino  
 Carver, Bennie Herbert, Centralia  
 Collins, Harry Lyle, Mossyrock  
 Crumley, Robert William, Rainier  
 Curtis, Allen LeRoy, Tenino  
 Day, Carol Jean, Centralia  
 Fasano, James Harry, Centralia  
 Friis, Roy Ernest, Rochester  
 Ghere, David Peter, Boistfort  
 Greenland, Patricia, Centralia  
 Hansen, Robert Marshall, Chehalis  
 Holtman, Royce Eldon, Chehalis  
 Hubbard, Dean Darrell, Oklahoma  
 Jennings, M. V., Oklahoma  
 Johnson, Clarence Dale, Centralia  
 Kiser, Fredric Allen, Centralia  
 Knapp, William Charles, Centralia  
 Larson, Daniel Christian, Centralia

Leggett, Marilyn Jean, Chehalis  
 McDonald, Don Wallace, Chehalis  
 Matthews, Douglas Rolla, Winlock  
 Milem, John Edward, Centralia  
 Morgan, Robert Lee, Winlock  
 Noel, Larry Lee, Chehalis  
 Padham, Mary Louise, Centralia  
 Pickens, Daniel Sherman, Tenino  
 Piper, Robert Bruce, Seattle  
 Rimes, Charlotte Faye, California  
 Ross, Annette Edna, Centralia  
 Saeger, Sharon Lois, Olympia  
 Santee, Charles Max, Adna  
 Smith, Leonard Duane, Chehalis  
 Swenson, Robert Harold, Centralia  
 Thompson, Eugene Allen, Centralia  
 Waterman, Verne Arnold, Toledo  
 Winters, Carol Gladys, Oakville  
 Wood, Gordon Ernest, Chehalis  
 Woods, Shirley Patricia, Centralia  
 Young, Donald Ralph, Centralia

Alphabetical arrangement of courses showing comparable course numbers in old and new catalogues. New course numbers are in the left column.

ART		ENGINEERING		HOME ECONOMICS	
101	1	101	1	101	1
102	2	102	3	102	2
103	3	103	2	103	3
104		111	11		
105	1	112	12		
109	4	121	21		
110	5	131	101a		
243	6	132	101b		
256	7	133	101c		
BACTERIOLOGY		ENGLISH		JOURNALISM	
201	1	21		21	1
		101	1	22	2
		102	2	23	3
BOTANY		104	14	51	11
101	1	107	13	52	12
102	2	108	15	53	13
103	3	109	11		
211	11	110	12	MATHEMATICS	
212	12	112	20	21	A
		221	5	22	B
CHEMISTRY		245	17	101	1
111	1	246	18	102	2
112	2			111	3
113	3	FORESTRY		112	4
215	15	101	2	113	5
231	11	106	1b	211	11
232	12	107	1a	212	12
233	13	130	4	213	13
		201	7	214	
DRAMA				215	
21	1	FRENCH		216	
22	2	101	1		
23	3	102	2	MUSIC	
		103	3	100	10
BUSINESS		201	4	101	1
ADMINISTRATION		202	5	102	2
21	5	203	6	103	3
22	21	GERMAN		104	4
23	20	101	1	105	5
101	14	102	2	106	6
151	11	103	3	107	7
152	12	201	4	108	15
161	22	202	5	109	20
162	23	203	6	201	24
211	B. Law 1	HISTORY		202	25
212	B. Law 2	103	3	203	26
250	16	104	4		
260	13	105	4	PHILOSOPHY	
ECONOMICS		260	11	101	1
201	1	261	12	102	5
202	2	270	13	103	
203	3				

PHYSICAL EDUCATION  
FOR MEN AND WOMEN

101	1
102	2
103	3
104	
105	
106	
107	
108	
109	
120	10
122	12
123	12

PHYSICS

101	
102	
103	
104	1
105	2
106	3
201	4
202	5
203	6

PHYSIOLOGY

101	1
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POLITICAL SCIENCE

201	1
203	3
205	5

PSYCHOLOGY

101	1
105	5

SCIENCE

101	1
111	2

SECRETARIAL  
TRAINING

21	1
22	2
23	3
24	16
34	
104	4
105	5
106	6
201	7
202	8
203	9
204	10
205	11
206	12
221	23
225	

SOCIOLOGY

101	1
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SPANISH

101	1
102	2
103	3
201	4
202	5
203	6

SPEECH

100	1
102	2
103	3
104	4
105	5

ZOOLOGY

111	1
112	2
113	3
211	11
212	12
213	13

**For further information write:  
Centralia Junior College,  
Centralia, Washington.**



