



SUMMER SESSION 1951

Pacific Lutheran College Bulletin

Parkland, Washington

FIRST TERM: JUNE 11-JULY 13 SECOND TERM: JULY 16-AUG. 17

Leslie C. Cuy

GENERAL INFORMATION

Location

Pacific Lutheran College, the only senior Lutheran college on the entire Pacific coast, is situated in Parkland, Washington, a suburb of Tacoma. The campus is about eight miles south of Tacoma city center, just off the Mt. Rainier highway.

The college occupies a campus of approximately 125 acres. The main campus includes the Main building, Library, Science Hall, Student Union building, and temporary Art, Classroom and Music buildings. Under construction now and to be available for use in the fall of 1951 is a modern Chapel-Music-Speech building. On the lower campus to the south are located the Gymnasium, Veterans' Housing, and the Athletic field with its baseball diamond, football practice field, running track, tennis courts and nine-hole golf course. The surrounding area is noted for the beauty of its evergreen forests and the grandeur of its mountain scenery.

Accreditation

Pacific Lutheran College is fully accredited by the Northwest Association of Secondary and Higher Schools as a four-year liberal arts college. It is accredited by the State Board of Education as a Teacher Training institution offering a complete training program for prospective teachers in the elementary and secondary schools. Pacific Lutheran College recommends its graduates to the State Superintendent of Public Instruction for certification.

The College is also a member of the Association of American Colleges, the American Council of Education, and the National Lutheran Educational Conference.

The Summer Term

Classes for You

Pacific Lutheran College has designed its Summer Session curriculum to meet your needs. An expanded program has been prepared for:

Entering Freshmen	School Administrators
Undergraduates	Graduate Students
Teachers	

The instruction staff includes members of the regular faculty. The standards prevailing during the Summer Session are the same as those maintained during the regular school year. Special appointments for the 1951 summer sessions include:

Richard Langton, Ph.D.	Education
Richland Public Schools	
Harold F. Gray, M.A.	Education
Principal, Clover Park High School	
Robert C. Hall, B.A.	Education
Superintendent of Schools, Fife	

All laboratory, library and regular facilities are available.

ADMISSION

Freshmen

Graduates of an accredited high school should fill out the general application blank which is on file in the high school principal's office. The Registrar's office at the College also will forward them on request. In addition, the college requires two character recommendations from individuals who are personally acquainted with the applicant. These forms may be obtained by writing to the Registrar's office.

Regular Students, Advanced Standing

Regular students of Pacific Lutheran College are admitted under the rules that apply for any semester. Students who have done work in another accredited college will be granted advanced standing for previous work. Such credits will be accepted toward a degree insofar as work taken is equivalent to the curriculum in which the student wishes to graduate. Transcripts of work from other institutions should be sent to the Registrar's office, where an evaluation of credits will be made on request.

Transient Students

Transient students who enroll for the summer session only, without intention of working toward a degree from this institution or for a teaching certificate, will not be required to file transcripts from other institutions attended. They may enroll in any course for which they have the necessary prerequisites.



VETERANS' INFORMATION

Warning! Deadline for G.I. Benefits

July 25, 1951, is a critical date in the Education and Training program under the Servicemen's Readjustment Act.

1. To Initiate Educational Benefits

- a. Veterans desiring to initiate educational benefits must apply for and be in actual attendance before July 25, 1951, or at a date four years after their discharge, whichever is later.
- b. Veterans discharged after July 25, 1947, must initiate training within four years after date of discharge. For these veterans, the deadline for beginning training would, therefore, be after July 25, 1951.

2. Training Must Be Continuous

- a. Any veteran taking a part of a summer term of 1951 and discontinuing before July 25, 1951, will automatically cancel his entitlement.
- b. All training programs must be continuous once initiated, except in the case of employed teachers who are considered in continuous training by attending consecutive summer sessions.

3. Ruling for Teachers

- a. Teachers now teaching, who attended school the summer of 1950, must continue training for two terms in the summer session of 1951 and two terms every summer thereafter if they wish to make use of their entitlement.
- b. Students now completing their teacher training program (graduating) June 1, 1951, are required to apply by letter for graduate training before May 1 1951, if they intend to teach in the fall of 1951 and attend school the summer of 1952. To be eligible for Summer training, teachers must teach the year 1951-1952.

(Continued on Next Page)

VETS' INFORMATION (Continued)

- c. Teachers must be regularly employed as teachers to be eligible for continuous pursuit of graduate work during the summer sessions.
- d. Teachers using summers to continue training are required to attend the complete summer sessions, including the first and second terms.

4. Veterans in Attendance Now

- a. Veterans now attending school and graduating in 1951 must apply for graduate training benefits for use in the fall previous to the date of their graduation.
- b. Graduating students (with the exception of teachers) are not expected to continue training during the summer session following their graduation.
- c. Veterans graduating at the completion of the summer session are required to attend the following semester and apply for graduate training benefits on a date previous to their date of graduation.
- d. Undergraduates now in attendance need not attend summer sessions. They are considered to be in continuous training by attending consecutive fall and spring semesters each year.

5. No Pre-Registration

- a. Enrollment for the fall semester cannot be made before July 25, 1951, merely to meet the V.A. deadline. Veterans must be in attendance before July 25, 1951.

6. Requirements for Subsistence

- a. Veterans eligible for benefits under Public Laws 346 and 16 may use these benefits for Summer Session work.
- b. To be eligible for full subsistence benefits, the student must carry a minimum of five semester hours for the first term and five semester hours for the second term.
- c. Veterans attending school under Public Law 16 are required to attend summer school.

REGISTRATION

Registration for Summer Session, 1951, will begin at 8 a.m. Monday, June 12, for students not in attendance during spring semester. Students living within commuting distance, who are not in attendance this semester, may register the week of June 4.

Procedure

1. All veterans report first to the Veterans' Advisor, Mr. Leslie Eklund, M-106.
2. Obtain registration materials in Registrar's office, M-120, and have program approved by Dean.
3. Pay fees in Business Office, M-104.
4. Return cards to Registrar's office.

Students planning to attend the entire summer session must complete registration for both terms at the time of the initial registration.

Changes of Registration, Withdrawals

1. Any addition or withdrawal from a course must be made in the Registrar's office.
2. A fee of \$1.00 is charged for a schedule change made after completion of registration unless such change is requested by the college authorities.
3. Students who register for first term only and later decide to enroll for the second term may do so by adding the desired courses and paying the balance of the full session fees. Students registered for both terms who decide not to continue in the second term must make an official withdrawal from the second term course.
4. Official withdrawals will be given any time during the session if the student is doing satisfactory work. Dropping a course at any time without informing the dean's office will be classified on the record as an "E."

Student Load

Ten hours constitute a regular full load for the Summer Session; five to six hours constitute a regular load for each term.

Class Hours

All courses giving two credit hours per term will meet six times per week. The instructor will arrange for the sixth period of class. All three-credit-hour classes given in only one term will meet twice a day.

Course Numbers

Course numbers below 100 are considered lower division courses. Those from 100-200 are given upper division credit. Courses for graduate students only are listed above 200.

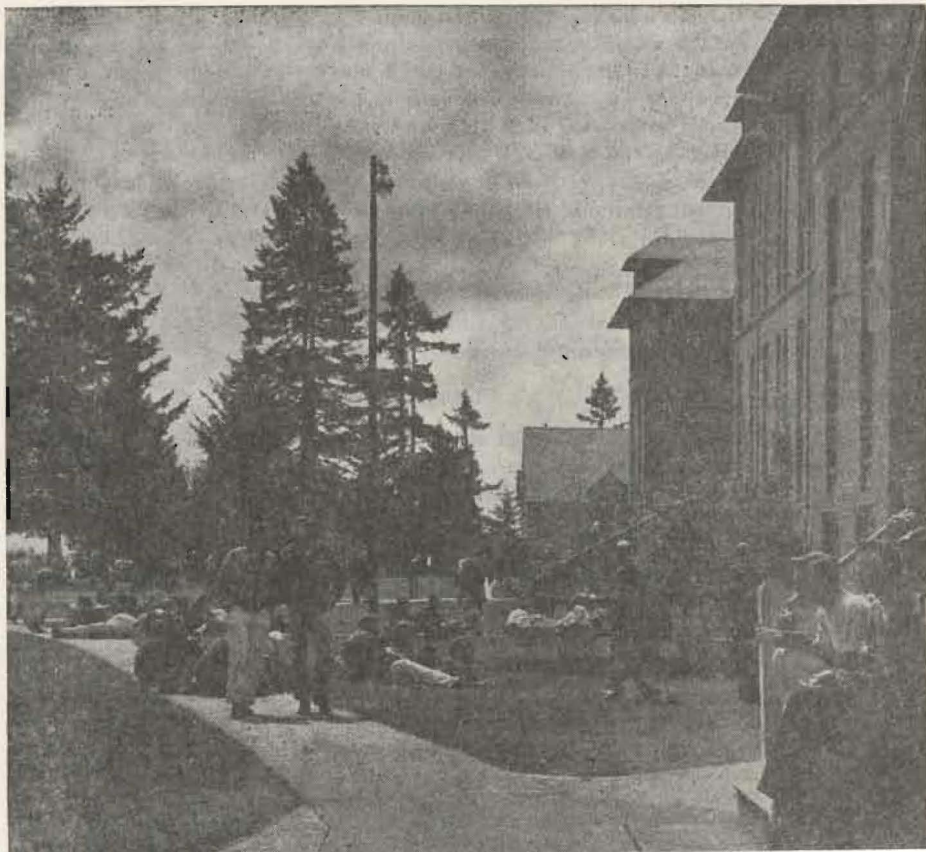
EXPENSES

Tuition, per credit hour.....	\$12.00
Matriculation Fee	5.00
Audit Fee, per credit hour.....	6.00
Diploma and Graduation Fee for each degree.....	10.00
Private instruction in Organ, Piano, voice or instrument per ½ hr. lesson	2.00
Rent Fee for piano or voice, per term (1 hour per day).....	2.50
Organ rent fee, per term (1 hour per day).....	5.00
Board and Room, per term.....	60.00

Special Fees:

Laboratory fee for art courses.....	2.00
Laboratory fee for Biology 66, 142 or Chemistry 61, 62.....	5.00
Laboratory fee for Industrial Arts 71.....	3.00
Laboratory fee for Industrial Arts 85.....	3.00
Fee for Science 22 or 31.....	3.00
Fee for Music 201.....	12.00

Annual Campus Day



LIVING ACCOMMODATIONS

The College maintains two dormitories for students. All students registering for rooms in any of these dormitories are required to continue in the same throughout the term. The dormitory rooms are furnished. Students provide their own pillows, mattress covers, blankets, sheets, pillow cases, towels, rugs and curtains, and other furnishings to their own taste. Occupants are held responsible for breakage or damage to the room or its furnishings.

Women's Dormitory

Four floors in the Old Main building have been set aside for women students. About 175 women may be housed in the dormitory. Most of the rooms accommodate two students.

The dormitory has an attractive lounge for the girls, a fudge kitchen, and a laundry equipped with automatic washers and dryers.

Men's Dormitory

Housing for men is provided in a men's dormitory and eight apartments. Two men live in each dormitory room and six men in each apartment. Rooms for men are provided with beds, mattresses, chairs, tables and dressers.

Housing for Married Students

At the present time the College maintains 18 apartments on the campus for married students. Other apartments are available in Parkland and Tacoma.

The College cannot guarantee housing for its married students; however, every effort will be made to have sufficient housing available. Students desiring housing should write to the Dean of Men before June 1.

Boarding Club

All single students living in the college dormitory or in the men's housing units must eat in the college dining room. No meals will be served on Sundays. Cafeteria meal tickets are available for non-residents.

SPECIAL FEATURES



Recreation

The Pacific Lutheran College campus enjoys the geographical advantage of being in the center of a large recreation area. The college is just two blocks off the main highway to Mt. Rainier, internationally known mountain resort. Ski areas, salt or fresh water swimming, picnic grounds, and outdoor athletic facilities are accessible. Special trips to Mt. Rainier and an all-day cruise are highlights of the Summer Session.

Chapel Exercises

Chapel exercises will be held at 9:45 a.m. each Tuesday and Thursday morning in the Student Union Building.

P.-T. A. Workshop

A P-TA Leadership Conference will be on the campus from July 16 through 20. The problem to be considered this year will be "Parents and Teachers Recognize and Understand Their Own Attitudes." Teachers are encouraged to attend and will receive one semester hour of college credit if properly registered.

Those planning to attend only the first term of the summer session may stay one week more for the conference. An invitation has been extended to P-TA groups of Grays Harbor, Thurston and Pierce Counties to be represented. However, any interested person may attend. The staff will include several well known and outstanding educators from the Northwest.

Student Employment

The College aims to assist worthy and needy students by helping them to find work either at the College or in Tacoma or Parkland. Applications for work should be made to either the Dean of Men or the Dean of Women after the student has been accepted for admission. Since the work is limited during the summer, students should apply early.

Book Store

The College maintains a book store in the Student Union building for the convenience of the students, where books, stationery and school supplies may be obtained. The book store is operated on a strictly cash basis.

TEACHER EDUCATION

In order to meet the needs of educators, the Summer Session will include a continuation of the regular program leading to a teaching certificate, courses to meet the needs of candidates for the qualifying certificates issued by the State Department of Education, and graduate study for teachers, supervisors and administrators.

Certification in Washington

State certification requirements are undergoing considerable modification. The following certificates are still in force but will not be issued after September 1, 1951, except to those students who qualify under special state regulations.

1. **THREE YEAR ELEMENTARY CERTIFICATE** valid in the elementary grades and junior high schools is issued on the completion of a four-year teaching curriculum.
2. **6-YEAR STANDARD ELEMENTARY CERTIFICATE** is issued to students who present a diploma from an accredited teachers' college indicating the completion of a four-year program and who have had at least two years of successful teaching experience upon a three-year Elementary Certificate.
3. **QUALIFYING CERTIFICATES** may be issued by the Superintendent of Public Instruction to elementary school teachers who have completed three years and eight semester hours of college preparation applicable toward regular elementary certification. The qualifying certificate is valid for three years.
4. **SECONDARY CERTIFICATES** are issued to applicants who have completed the five-year course approved for the training of high school teachers.

After September 1, 1951, no elementary or secondary certificates, as such, will be issued. Instead, a new general certificate will be given. Teachers in the field may convert their certificates to the new certificate or renew their present type.

THE GENERAL CERTIFICATE

The preparation for this new permanent General Certificate consists of three parts:

1. A qualifying general certificate, valid for one year, renewable annually to a total of four years, is to be issued following four academic years of successful pre-service education.

(Continued on Next Page)

TEACHER EDUCATION (Cont.)

2. One continuous year of initial teaching experience is to follow pre-service education.
3. A fifth year of teacher education at the graduate level is to be required following initial teaching experience and prior to issuance of a permanent general certificate. Ten of the 30 semester hours required may be earned prior to the fifth year. This fifth year must begin during the first year after initial teaching experience either as a full year or as summer school, preferably the former.

The Master of Education Degree

Pacific Lutheran College offers graduate work to two types of students:

1. To students who wish to work for a graduate degree.
2. To students who do not plan to work toward an advanced degree but wish to elect work which will meet special certification requirements.

ADMISSION TO CANDIDACY FOR THE DEGREE:

A graduate of any accredited college or university may be accepted for admission to graduate study if his undergraduate record is satisfactory. This record must show a better than average record in general education and a superior record in the fields of specialization in which the student wishes to concentrate in his graduate work. An applicant whose grade point average during his last year of college was below 3.0 will not be given graduate status until he has demonstrated his ability to do graduate work. A minimum of one quarter or semester's work with a grade point of 3.0 will be required to establish graduate standing.

GENERAL REQUIREMENTS:

1. A minimum of 30 semester hours of work with a grade point average of 3.0 is required. Three summer sessions or two semesters in residence are required.
2. Six semester hours of graduate work may be taken by a PLC graduate at another institution providing approval in advance has been given by the Graduate committee.
3. The major field of concentration must be in the Department of Education. Twenty to 22 hours in education, including a thesis, are required.
4. Minors are offered in the departments of biology, chemistry, economics and business administration, English, history, music, sociology and speech. Eight to ten additional hours in these fields are required.

ART

74. Pottery and Clay Modeling *Two hours, first term*
A course in the various methods of modeling in clay. Application of these methods is made to pottery and small figures. Individual instruction is given in plaster casting. Lecture and Lab. Daily 1 to 2:45. A.B.
Mr. Roskos
109. Oil Painting *Two hours, first term*
Pictorial arrangements of still-life, figure, and landscape work rendered in oils. Emphasis placed on composition, values, color, and brush technique. Prerequisite: Art 55, 56. Daily 1:55 plus one period to be arranged. A.B.
Mr. Roskos
115. History and Appreciation of Art *Three hours, second term*
The course is planned to increase the student's appreciation of works of art. A general survey of architecture and sculpture throughout the ages. Daily 10:25 and 1 p.m. S-110.
Mr. Weiss
143. Public School Art *Two hours, first term*
A course planned for those who intend to teach art in grades 1-6 inclusive. Technical skill in handling problems suitable to these grades is developed. Sufficient appropriate projects in drawing, design, and construction are worked in several media to illustrate the types of work which are suitable to the interests and abilities of these pupils. Prerequisite: Preferably Art 55. Lecture and Lab. Daily 10:25 a.m. to 12:10 p.m. A.B.
Mr. Roskos

BIOLOGY

66. Microbiology *Four hours, first term*
Bacteria, yeasts, molds and parasitic animals in their relation to disease. May be taken for upper division credit by juniors and seniors with consent of instructor. Lecture Daily 10:25, S-204; Lab. 1 to 4 p.m., S-207. MTWTh.
Mrs. Cresco
142. Field Zoology *Four hours, second term*
Classification, natural history and economic importance of the vertebrates. Lectures, laboratory study and field collections. Prerequisite: Biol. 56. Lecture Daily 11:20, S-204; Lab. 1 to 4 p.m., MTWTh, S-207.
Mr. Ostenson

CHEMISTRY

61. Qualitative Analysis *Four hours, first term*
Tests for the principal cations and anions in ionic compounds. Lecture daily 8:55 a.m. and 11:20 a.m., S-305; Lab. 1 to 4 p.m., S-303. MTWTh.
Mr. Ramstad
62. Quantitative Analysis *Four hours, second term*
Volumetric and gravimetric methods. Lecture daily 8:55 a.m. and

11:20 a.m., S-305; Lab. 1 to 4 p.m., S-303, MTWTh. Mr. Ramstad

205. Inorganic Preparations *One to three hours, ten weeks*
A study of small scale production of inorganic chemical compounds. Open to graduate students only. Time to be arranged. Mr. Ramstad
212. Organic Preparations *One to three hours, ten weeks*
An advanced study in applications of organic synthesis. Open to graduate students only. Time to be arranged. Mr. Ramstad

ECONOMICS AND BUSINESS ADMINISTRATION

57. Elementary Accounting *Three hours, ten weeks*
Basic principles of accounting and bookkeeping developed in their application to the corporation, partnership and sole proprietorship. Daily 1 p.m., M-201. Mr. Zulauf
101. Money and Banking *Three hours, ten weeks*
Preliminary survey of money and monetary standards. Credit and credit instruments. The operation of the Commercial bank, State banks, National banks, banking control and the Federal Reserve System. Prerequisite: EBA 55, 56 and 57. Daily 11:20 a.m., M-201. Mr. Patrick, Mr. Zulauf
190. Seminar in Economics *Three hours, first term*
Consideration will be given to the various aspects of economics as a social science. Principles will be reviewed and clarified in terms of human necessities and aspirations. Student research will be emphasized. Prerequisite: EBA 51, 52 and upper division standing. 8:55 a.m. and 10:25 a.m. M-201. Mr. Patrick

EDUCATION

101. Introduction to Education *Four hours, ten weeks*
Introductory course in education designed for students planning to enter teaching as a profession. Includes the purposes and organization of American education, the development and structure of our educational system, and opportunities and problems in the teaching profession. This course also meets the requirements for the State Manual. Daily 8:55 a.m. L-116. Miss Nielsen, Mr. Langton
103. Educational Psychology *Two hours, second term*
A consideration of the psychological principles involved in education. Analysis and discussion are based on the physical growth, health, emotional and social development of the child and the adolescent. Problems of the individual child and of the class room are the basis for informal class discussion. Daily 8 a.m. L-116. Mr. Langton
105. Public School System *Two hours, first term*
A survey of the school laws of Washington as they affect the management and administration of the school. Daily 8:55 a.m. M-109. Mr. Mykland

135. Audio-Visual Education *Two hours, first term*
A training course in the utilization, selection and organization of instructional materials of all types, including a study of administrative procedures and sources of information. Daily 1 p.m. M-111.
Mr. Ronning
- S136. Primary Reading *Two hours, second term*
A study of the materials and methods of the modern reading program and its relation to other activities. Daily 8 a.m. M-216. Miss Michaelson
141. Public School Mathematics *Two hours, first term*
An over-all study of the basic mathematical skills and abilities needed by the teacher in the elementary and junior high school. Practice in achievement tests in arithmetic and interpretation of scores for diagnostic purposes. Daily 1 p.m. M-216.
Miss Nielsen
151. Tests and Measurements *Two hours, second term*
The methods of scientific measurement of children's general ability and classroom achievement; application of scientific methods to the study and improvement of teaching; practice in testing pupils, scoring papers and interpreting results. Daily 1:55 p.m. L-116. Mr. Eklund
154. Kindergarten *Two hours, second term*
A study of the kindergarten child and his adjustment problems. Special emphasis on activities and procedures for his development. Daily 11:20 a.m. M-216.
Miss Michaelson
173. Curriculum and Methods *Four hours, ten weeks*
Course provides opportunity for planning curricula on the secondary level in the light of the contemporary social needs. It also will permit the student to work on his own curriculum problem and to develop individually and cooperatively a plan for specific school situations. Frequent conferences will be held with specialists in the respective subject-matter fields. Daily 8 a.m. and 11:20 a.m. M-109. Mr. Gray
- S182. Social Studies in the Elementary School *Two hours, second term*
A course designed to acquaint the students with the objectives, materials and methods of teaching the social sciences in an integrated program of instruction. Daily 8:55 a.m. M-216. Miss Michaelson
191. Remedial Education *Two hours, first term*
A study of remedial procedure that can be used in the regular classroom and in the special room. All subject-matter fields given consideration with emphasis placed upon reading and arithmetic. Daily 10:25 a.m. M-111.
Miss Nielsen
- 194ab Elementary and Jr. High School Administration and Supervision *Three hours, first term*
A survey of the practical problems of elementary and junior high school administration and supervision. Consideration is given to the

principal as his work relates to children, parents, teachers, and other school employees, buildings, transportation and the community. Pre-requisite: At least one year of teaching. Daily 8:55 a.m. and 11:20 a.m. L-117. Mr. Hall

S224. School Finance

Two hours, first term

The course is chiefly concerned with the study of the following projects and topics: the budget, bids and contracts, purchasing, insurance, housing, the custodial staff, supplies and equipment, bonding campaigns, building programs, school sites, utilities and transportation of pupils. Daily 10:25 a.m. M-109. Mr. Gray

S241. Educational Research

Two hours, second term

A course designed to orientate the graduate student with the principles of research; to make the student research minded, and familiarize him with the various research procedures. Some actual practice in research is provided. Required of all graduate students. Daily 10:25 a.m. L-116. Mr. Langton

ENGLISH

1. Freshman Composition

Three hours, ten weeks

The course aims to train students to develop ideas accurately and effectively in the sentence, in the paragraph, and in extended written discussion. Essays are read and analyzed to provide models of good exposition, to stimulate thought and discussion, and to develop accuracy in reading. Daily 8:55 a.m. M-215. Miss Knudson

60. An Approach to Literature

Three hours, ten weeks

A study of representative types of drama, poetry, essays and prose fiction. The aim of the course is to develop an appreciation of literature by consideration of the nature of the creative experience and the qualities and functions of literature as art. Not to be taken by majors or minors in literature. Daily 8:55 a.m. M-229. Miss Knudson, Miss Blomquist

111. Shakespeare

Three hours, first term

Daily 8:55 a.m. and 11:20 a.m. L-115. Mr. Ranson

136. Contemporary Poetry

Two hours, second term

A study of contemporary English and American poetry. Daily 11:20 a.m. L-114. Miss Blomquist

S133. Browning

Two hours, first term

Daily 8 a.m. L-115. Miss Knudson

147. Junior High School Literature

Two hours, second term

A study of literature for children in the intermediate grades. Daily 8:55 a.m. L-114. Miss Blomquist

148. High School English

Two hours, second term

Materials and problems. Daily 8:00 a.m. L-116. Miss Knudson

164. Six American Writers *Three hours, ten weeks*
 Study of Poe, Emerson and Whitman (first term) and Hawthorne, Melville and Henry James (second term). Daily 10:25 a.m. L-115.
 Mr. Ranson, Miss Knudson

HISTORY

20. History and Government of Washington *Two hours, first term*
 Daily 10:25 a.m. L-117. Miss Reneau
55. American History *Three hours, second term*
 The origin and development of the American nation from colonial times to the present; emphasis upon the cultural and spiritual factors that contribute to the American political and social tradition. Daily 10:25 a.m. and 1 p.m. L-117. Mr. Akre
112. English History *Three hours, first term*
 A study of the political, economic, social, legal, literary and religious history of England from the earliest times to the present. Daily 8:55 a.m. and 11:20 a.m. L-104. Mr. Nodtvedt
132. History of Europe from 1815-1914 *Three hours, ten weeks*
 Intensive study of 19th century European history, beginning with the Treaty of Vienna and ending with World War I. Daily 8:00 a.m. L-117. Mr. Nodtvedt, Mr. Akre

INDUSTRIAL ARTS

71. Elementary Handwork *Two hours, first term*
 Handicraft activities based on a craft-arts program for the elementary and intermediate grades. This course is planned to stimulate creative ideas, with problems in work adaptable to children in the public schools. Daily 10:25 to 12:10 a.m. G-1. Mr. Johnson
85. Woodworking *Two hours, first term*
 A basic course planned to give breadth and background in the essential knowledge and skills needed by the home woodworker. Covers woods, hand and machine tools, shop procedure and general finishing of woods. Daily 1 to 2:45 p.m. y-1. Mr. Johnson
125. Introduction to Industrial Arts *Two hours, first term*
 The background and evolving educational patterns of the Industrial Arts, with a view of the modern program and its function in today's school and community life. Designed to develop an understanding of the principles of Industrial Education. Daily 1:55 p.m. G-1. Mr. Johnson

MATHEMATICS

51. Higher Algebra *Three hours, first term*
 A thorough review of high school algebra and a continuation beyond

quadratics. Prerequisite: One year high school algebra. Daily 8 a.m. and 10:25 a.m. S-110. Mr. Adams

- S62. College Algebra *Three hours, second term*
A continuation of course 51; progressions, binomial theorem, complex numbers, theory of equations, determinants and partial fractions. Daily 8 a.m. and 10:25 a.m. S-110. Mr. Running

MUSIC

10. Music Survey *Three hours, second term*
A course presenting music of different periods as related to the other arts. Daily 10:25 a.m. and 1 p.m. Ch. Mr. Malmin
59. Piano *One hour, first term*
Time to be arranged. Mr. Weiss
121. History and Literature of Music *Three hours, second term*
Ancient music, with emphasis on music in the Bible. The rise of church music. Polyphony. The beginning of opera and oratorio. The age of Bach and Handel. Prerequisite: Six semester hours of music theory. Daily 8:55 and 11:20 a.m. M-111. Mr. Weiss, Mr. Malmin
- S133. Brass and Percussion Instruments *Two hours, first term*
A practical study of the basic techniques of the brass and percussion instruments. Suitable teaching materials are studied. Recommended for teachers of junior or senior high school instrumental music. Daily 8:55 a.m. Ch. Mr. Christopherson
149. Elementary School Music *Two hours, first term*
Techniques and procedures for teaching the music program of the elementary grades, including note singing, treatment of the child voice, part singing, methods and materials. Daily 8 a.m. CB. Mr. Christopherson
150. Secondary School Music *Two hours, first term*
The organization and teaching of junior and senior high school music, including the general music class, glee clubs, and the instrumental program. Daily 11:20 a.m. CB. Mr. Christopherson
165. Elementary Class Singing *Two hours, first term*
Simple rudiments of music, aural training, sight reading, class singing, simple song forms. Daily 1 p.m. Chapel. Mr. Newnham
167. Junior and Senior High School Singing
(Haywood Method) *Two hours, first term*
Sight reading, aural training, breathing, articulation, sight exercises, tone reinforcement, simple Italian diction, classification of voices, vocal physiology, unison songs, part songs. Daily 10:25 a.m. CB. Mr. Newnham

201. Advanced Vocal Course for Singers and Teachers

One hour, first term

Intensive instruction covering tone production, vocal placement, breath control, diction, technical exercises, vocalizes and song literature, including German, French and Italian; classification of voices and the study of recitative, oratorio, opera, modern English songs and church music. Open only to graduate students in music. Special music fee. Daily (last two weeks) 11:20 a.m. and 2:50 p.m. Mr. Newnham

PHILOSOPHY

106. Ethics

Three hours, first term

A summary of general, individual and social ethics, natural and divine sanction for acts of choice. Careful evaluation of the theories of ethical values. Daily 8 a.m. and 10:25 a.m. L-104. Mr. Pflueger

PHYSICAL EDUCATION AND HEALTH

10. Health Essentials

Three hours, second term

A general course in personal and community health. Daily 8:55 a.m. and 11:20 a.m. S-104. Mr. Tommervik

54. First Aid and Safety Education

Two hours, first term

The official Red Cross course in First Aid. Daily 1:55 p.m. G-3.

Mrs. Young

116. Kinesiology

Three hours, first term

Analysis of body movements in relation to physical education activities and posture. Daily 1 p.m. to 2:50 p.m. S-204. Mr. Harshman

122. School Health Education Program *Two hours, second term*

Includes schoolroom construction, lighting, heating, sanitation, ventilation, selection and location of equipment, communicable diseases and medical inspection. Daily 8 a.m. S-204. Mr. Tommervik

130. Coaching Techniques (men)

Two hours, first term

Methods in teaching basketball. Daily 8:55 a.m. L-114. Mr. Harshman

134. Elementary School P.E. (women)

Two hours, first term

Progressive series of games and athletic activities for the elementary grades. Daily 8 a.m. S-204. Mrs. Young

141. Methods in Folk Games

Two hours, first term

Study of the methods and materials used in folk dancing. Daily 11:20 a.m. Gym. Mrs. Young

PHYSICS

S113. Modern Physics

Three hours, second term

Course covering important developments in field of physics since 1895. Isolation of the electron and measurement of its charge, isotopes and

PSYCHOLOGY

and mass spectrograph studies, radioactivity, simple theory of atomic structure, X-rays, and nuclear disintegration. Daily 1 p.m. to 4 p.m. S-113. Mr. Jordahl

1. General Psychology *Three hours, ten weeks*
A general course in psychology emphasizing the principles and basic facts which are essential to an understanding of human behavior. Daily 8 a.m. L-114. Mr. Ronning, Mr. Eklund
110. Child Psychology *Three hours, ten weeks*
A study of the development and behavior of children. Prerequisite: Psychology 1. Daily 10:25 a.m. M-216. Mr. Ronning, Mr. Eklund

RELIGION

1. Life of Christ *Two hours, first term*
The study of the life of the Savior, with the four Gospels as textbook, supplemented by interpretative lectures and discussions. Daily 11:20 a.m. L-115. Mr. Roe
2. History of the Christian Church *Two hours, second term*
The growth of the Christian Church traced through persecutions and controversies; the rise of the Papacy; the Reformation under Luther; the development of Protestant denominations; the preservation and progress of Christianity. Daily 8 a.m. L-115. Mr. Roe
14. Introduction to New Testament *Two hours, second term*
Thinking through the New Testament with special emphasis upon the historicity of the divine plan of salvation. Daily 11:20 a.m. L-115. Mr. Roe

SCIENCE

22. Introduction to Physical Science *Four hours, ten weeks*
A survey of the fundamental principles of astronomy, chemistry, climatology, geology, and physics. Lecture daily 1 p.m.; Lab. 1:55-4:00 p.m. MTTh. S-110. Mr. Adams, Mr. Running
31. Geology *Three or four hours, first term*
A study of the processes of nature by which the earth's surface has been built up, changed and torn down; natural history and occurrence of common rocks and useful minerals; outline of the earth's history and its life. Lecture daily 8:55 a.m. and 11:20 a.m., S-204; Lab. 1 to 4 p.m., S-207. TTh. Mr. Strunk
- S36. Descriptive Astronomy *Two hours, second term*
A descriptive course. Topics covered include the moon, the solar system, coordinate systems for locating stellar objects, characteristics of the stars. Daily 11:20 a.m. S-110. Mr. Jordahl

SOCIOLOGY

54. Problems of Sociology *Three hours, first term*
Problems of delinquency, suicide, crime, population, unemployment, public relief, poverty, public welfare, mental deficiency, mental diseases, family disorganization, etc. Daily 8 and 10:25 a.m. M-229.
Mr. Knorr
210. Population trends *Two hours, first term*
The consideration of the major quantitative and qualitative problems of population in contemporary society. Daily 11:20 a.m. M-229.
Mr. Knorr

SPEECH

9. Fundamentals of Speech *Three hours, ten weeks*
A foundation course dealing with the basic elements of the speech situation and a study of the vocal mechanism. Some platform work. Daily 8 a.m. M-215. Mr. Utzinger, Miss McGregor
82. Interpretive Reading *Three hours, ten weeks*
An introduction to the art of interpretive reading. Emphasis given to developing emotional responsiveness to literature. Study of correct placement of voice for oral reading. Prerequisite: Speech 9 and 54. Daily 11:20 a.m. M-215. Mr. Utzinger, Miss McGregor
125. Extempore Speaking *Three hours, ten weeks*
Platform work predominates. Special emphasis given to the study of gathering material, methods of preparation and delivery. Prerequisite: Speech Minor. Daily 1 p.m. M-215. Mr. Utzinger, Miss McGregor

The College reserves the right to cancel courses having insufficient enrollment.

(School Calendar May Be Found on Following Page)

SCHOOL CALENDAR

SUMMER SESSION

— 1951 —

Registration begins 8:00 a.m.....	Monday, June 11
Classes begin 8:00 a.m.....	Tuesday, June 12
Independence Day, a holiday.....	Wednesday, July 4
First Term ends.....	Friday July 13
Second Term classes begin 8:00 a.m.....	Monday, July 16
Summer Session closes.....	Friday, August 17

FIRST SEMESTER

— 1951 —

Registration and Freshman Days.....	Monday, Sept. 10 - Friday, Sept. 14
Classes begin 7:55 a.m.....	Monday, September 17
First Quarter ends.....	Friday, November 9
Thanksgiving Recess begins 12:10 p.m.....	Wednesday, November 21
Thanksgiving Recess ends 7:55 a.m.....	Monday, November 26
Christmas Recess begins 5:00 p.m.....	Friday, December 21

— 1952 —

Christmas Recess ends 7:55 a.m.....	Monday, January 7
Semester ends.....	Friday, January 25

SECOND SEMESTER

— 1952 —

Registration to be completed.....	Monday, January 28
Classes begin 7:55 a.m.....	Tuesday, January 29
Washington's Birthday, a holiday.....	Friday, February 22
Third Quarter ends.....	Friday, March 28
Easter Recess begins 5:00 p.m.....	Wednesday, April 9
Easter Recess ends 7:55 a.m.....	Tuesday, April 15
Baccalaureate Services 11:00 a.m.....	Sunday, May 25
Commencement 3:30 p.m.....	Sunday, May 25
Examinations.....	Monday, May 26 through Thursday, May 29

Volume XXXI

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