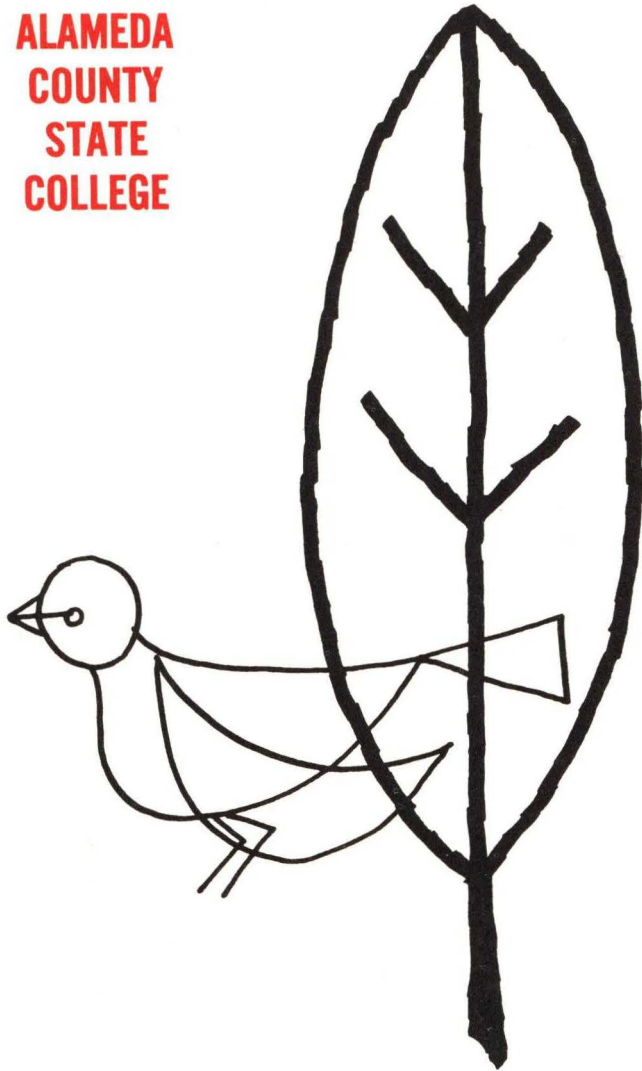


HAYWARD HIGH SCHOOL
&
SUNSET HIGH SCHOOL

ALAMEDA
COUNTY
STATE
COLLEGE



SUMMER SCHOOL

1962



Alameda County State College's new hilltop campus nestled in the Coast Range Mountains behind Hayward is shown as it appears under construction. (1) Science Building to be completed in 1963; (2) Fine Arts Building to be completed in 1963; (3) location of Library-Administration-Cafeteria Complex; (4) location of classroom building; (5) outdoor glade; (6) location of Music Building; (7) location of Speech-Drama Complex; (8) Corporation Yard; (9) Hillary Road; (10) Field House and physical education dressing facilities; (11) stadium area; (12) baseball fields; (13) tennis courts; (14) outdoor fields; (15) gym; (16) parking area; (17) parking area; (18) topsoil depository; (19) dormitory site; (20) outdoor science area; (21) boiler plant; (22) Engineering, Industrial Arts, Science Building; (23) college student union site.

ALAMEDA COUNTY STATE COLLEGE

Summer Quarter Calendar

1962

SIX-WEEKS SESSION

- March 15-June 1.....Applications for Permit To Register are filed during this period.
- May 21-June 11.....Academic advising for Summer Sessions.
- June 18Registration. 9 a.m.-2 p.m. Hayward High School Campus.
- June 19Classes begin.
- June 19Late Registration Fee applicable.
- June 22Last day to add classes.
- June 22End of late registration.
- June 29Last day to drop without grade mark.
- July 4Independence Day (Academic Holiday).
- July 27End of Session.
- July 30Grades due in Registrar's Office.

FOUR-WEEKS SESSION

- July 27Registration.
- July 30Classes begin.
- July 31End of late registration and last day to add/drop classes without grade mark.
- August 15Last day for filing Application for Fall Quarter.
- August 24End of Session.
- August 27Grades due in Registrar's Office.

Cover Design: Howard Slatoff

GENERAL INFORMATION

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Summer Sessions at Alameda County State College are planned to help students and teachers:

- (a) Continue their regular degree or credential objective through the summer quarter;
- (b) Strengthen and deepen their subject matter preparation;
- (c) Improve classroom effectiveness and supervisory functions;
- (d) Meet requirements for additional credentials;
- (e) Earn graduate credit for growth and salary increments;
- (f) Broaden their cultural understanding and appreciation.

Full Summer Quarter

Students of junior standing who wish to accelerate their preparation as elementary teachers may take the equivalent of a full quarter's work (15 quarter units) by attending the 10-weeks summer quarter beginning June 18 and ending August 24. Excellent opportunities for professional laboratory experiences in nearby elementary and secondary schools are available. Continuing students will find courses needed on their major and general education courses in both terms of Summer Session.

Short Terms

Six-weeks and four-weeks terms, as well as workshops and special features, are offered for new and continuing students. Nine quarter units (six semester units) may be earned during the six-weeks term, plus one quarter unit of credit with approval of the Director of Summer Sessions. Six quarter units (four semester units) may be earned during the four-weeks term.

Evening Classes

Evening classes have been scheduled in: Studies in the Novel, 6.45-9.35 M., W.; Seminar in Music Literature, 5-6, 6.45-9 T.; Principles of Accounting, 6.45-9.35 T., Th.; Urban Problems, 6.45-9.35 T., Th.; Teaching the Gifted, 6.45-9.35 M., W.

LOCATION OF THE COLLEGE

Alameda County State College is located in Hayward, California, a city of 72,000 situated across the Bay from San Francisco in the southern part of Alameda County. The college currently is housed on the campus of Foothill High School, 22300 Foothill Boulevard, Hayward.

ACCREDITATION

The college is fully accredited by the Western College Association, the group authorized to accredit all universities and colleges in this area.

CURRICULA AND DEGREES

Baccalaureate degrees with major in:

Art (BA)	Language arts (BA)
Biological science (BS)	Mathematics (BS)
Business administration (BS)	Music (BA)
Business education (BS)	Physical education (BS)
Economics (BA)	Physical science (BS)
Elementary education (BS)	Recreation (BS)
English (BA)	Social science (BA)
History (BA)	

The college is accredited to recommend for:

General elementary credential

Courses are offered that may be applied toward satisfaction of the following state credential requirements:

General junior high school credential

General secondary credential

Elementary administration credential

Supervision credential

General pupil personnel services credential

LIBRARY AND AUDIO-VISUAL SERVICES

The library now has over 40,000 volumes and 550 different periodical subscriptions to meet the needs of the growing student body.

The A-V equipment has tripled during the past two years, and the film library has increased from 80 to 200 films during the same period.

ACADEMIC INFORMATION

Admission Requirements

High school graduates and college students who may profit from courses which they are eligible to take are admissible to the Summer Session. All students must meet the prerequisites for courses as stated in the College Bulletin or have special permission of the instructor and the Director of Summer Session. Attendance at Summer Session does not constitute admission to the regular academic year unless regular admission requirements have been met by August 15, 1962.

Advisement for New Students

Students planning to complete degree or credential requirements at Alameda County State College are urged to make an appointment with an academic adviser prior to June 11. A list of faculty advisers follows the schedule of classes.

Registration Permit

By applying in advance, a student will be issued a permit-to-register, which grants priority in time of registration on June 18. The application for permit-to-register follows the schedule of classes. Those without a permit, or who fail to bring their permit, may not register until after 11 a.m.

Auditing Classes

Persons eligible to register in the Summer Session may audit courses upon approval of the instructor and payment of the regular registration fees. With approval, a student may audit courses in addition to the maximum credit program.

Change of Program

Students may change their programs during the period provided in the calendar for adding or dropping courses. Refunds are granted upon application in the Cashier's Office, according to a schedule adopted by the Trustees of the California State Colleges. Program changes resulting in a reduction of credit will be subject to refunds as provided by this schedule.

Grading

Letter grade marks *A*, *B*, *C* and *D* are passing grades; *F* indicates failure. Grade points are assigned on a four-point scale. *Inc.* may be issued if health or other unusual circumstances prevent the student from finishing the term.

Students will have their grades mailed to them by the Office of the Registrar approximately 10 days after the end of the session.

FEES, OTHER COSTS, REFUNDS

Summer Session Schedule of Fees

First (Six-Weeks) Session	\$7.67 per unit
Post (Four-Weeks) Session	7.67 per unit
Student Body Fee *—First Session	3.00
Post Session	1.00

There is no nonresident fee for Summer Session.

Other Costs

A. State fee for credential	\$4.00
B. Late registration	5.00
C. Failure to meet administratively required appointment within time limit	2.00
D. Change of program after final filing date	1.00
E. Check returned for any cause	2.00
F. Items lost or broken	Cost
G. Complete transcript of record (no charge for first copy)	1.00

* No fee for either session if student has paid \$20.00 during previous academic year.

Refunds

Summer Session refunds are made in accordance with the following schedule as approved by the Board of Trustees:

FIVE-WEEKS SESSION OR LONGER

<i>Time of Withdrawal</i>	<i>Refund</i>
First two days college classes are scheduled	Total fee paid minus \$11.50.
Any other day of the first week	Total fee paid minus \$11.50 × 65%.
Any day of the second week	Total fee paid minus \$11.50 × 25%.

THREE- AND FOUR-WEEKS SESSIONS

First two days college classes are scheduled	Total fee paid minus \$11.50.
Any other day of the first week	Total fee paid minus \$11.50 × 65%.
Two-Weeks Session or less	No refund.

WORKSHOPS AND SPECIAL FEATURES

A variety of workshops and short, intensive sessions have been planned to meet the needs of teachers, supervisors, school administrators and other interest groups. The Alameda County School Department, the National Science Foundation, the Bay Section of California Teachers Association, and the Bay Section of Elementary School Administrators have cooperated with Alameda County State College in developing important special offerings.

Most workshops have enrollment limits designed to insure maximum effectiveness. Send in your application now in order to reserve a space in the workshop of your choice.

Workshop in Early Childhood Education

Curriculum problems in teaching in the Nursery School, Kindergarten, and Primary Grades. Organizing for learning, grouping, formal instruction, and content. Survey of research in curriculum trends and factors which influence programming for early childhood education.

June 18-22—2 units—See Educ. 5910.

Workshop in Elementary School Art

Elementary teachers, K-6, will be offered an opportunity to share in the latest developments of art needs for children through actual experiences with art materials. Discussions, demonstrations, field trips to explore new resources, examination of curriculum guides, pamphlets and books, comparison of teaching techniques and methods around the creative needs of children. Children will be invited to participate in some of the basic experiments for student observation. (12.30-4.00 daily)

June 18-29—3 units—See Art 5910.

Arts and Crafts in Elementary School

Aims, methods and materials for children's arts and crafts. Prerequisite: basic skills in use of arts and crafts materials. (12.30-4.30 daily)

July 30-August 10—3 units—See Art 3320.

Elementary School Social Studies Workshop

Two-weeks workshop dealing with current trends in social studies content, methods, materials, and measurement. Participants will have an opportunity to work out teaching methods and materials for classroom use in areas such as the following: the new "Framework in Social Studies for California"; unit methods; map making and interpreting; committee work; audio-visual aids; textbook and supplementary reading materials; standardized and teacher-made tests. (12.30-4.00 daily) Write for application to reserve space in this workshop.

June 18-June 29—3 units—See Educ. 5910.

Creativity in Language Arts

Individual and team approaches in teaching creative writing to pupils in grades 1 through 12 will be presented at a creative writing workshop to be held during the second summer term. A study of processes of creative writing, including evaluative techniques by means of which creative writing products may be appraised, will precede preparation of motivating lessons in creative writing. Workshop participants will use team teaching techniques to present creative writing activities to groups of students during the last week of the workshop. *Language Sparklers* will be the textbook. It will be desirable for members of the workshop to have read ONE of the following: Applegate, Mauree, *Easy in English*; Wolfe, Don M., *Language Arts and Life Patterns, Grades Two Through Eight*; Mearns, Hughes, *Creative Power, The Education of Youth in the Creative Arts*, second revised edition. (12.30-2.30 daily) Write for application to reserve space in this workshop.

July 30-August 24—3 units—See Educ. 5910.

Workshop in Spanish for Elementary School

The workshop is planned to include instruction in the Spanish language (geared to the first year Spanish) for grades 4, 5, or 6; the use of tape recorders and listening centers; songs and games in Spanish related to the elementary classroom program; and previewing and evaluating available instructional materials. Scheduled visitation and participation in elementary school foreign language classes in session during the summer will provide students with unusual opportunity to become acquainted with instructional procedures and problems.

July 2-July 27—6 units—See Span. 5910.

Teachers Workshop in School Finance and Salary Scheduling

This special workshop for teachers in school finance and salary scheduling is sponsored jointly by the Bay Section of C. T. A. and Alameda County State College. An organized sequence of related and

mutually reinforcing topics will develop a background for understanding public school fiscal problems, especially as they relate to salary schedules.

Resource speakers from the State Department of Education, the County Schools office, a local school district, and C. T. A. specialists in finance, research, and salary schedules will be used.

Students will develop a report relating desirable salary scheduling policies to the fiscal problems of a district. Write for application form to reserve space in this workshop. (9.00-11.40 daily)

July 30-August 10—3 units—See Educ. 5910.

Workshop in New Developments in Elementary School Curriculum and Supervision—For Principals and Supervisors

The Bay Section of the California Elementary School Administrators Association (CESAA), in cooperation with Alameda County State College, is sponsoring this workshop designed to acquaint elementary school administrators, supervisors and curriculum workers with research and the educational literature related to recent curriculum developments.

Presentations by specialists and consultants chosen because of their recognized competency in the topics will serve to acquaint the participants with recent developments and research. Each person in the workshop will have ample opportunity to study research reports related to the workshop theme and to develop an action research plan especially adapted to the needs of his school. (9-12 daily) Write for application form to reserve space in this workshop.

June 25-July 13—5 units—See Educ. 5910.

Elementary School Music Workshop

Classroom teachers, as well as music specialists, at the elementary school level will have unusual opportunity to participate in workshop sessions in connection with singing, rhythmic, listening, instrumental, and creative activities. Displays of new materials from music publishers will be provided for participants to examine and evaluate. The correlation of music with other subject fields, the role of the music supervisor, and the development of basic music skills illustrate the wide range of needs served by the workshop. (1.30-4.00 daily)

July 2-13—3 units—See Music 5910.

Laboratory in Remedial Reading Instruction

Practice in tutoring in a clinical situation using materials and techniques adjusted to individual differences and planning and using reading game activities will be the major emphasis in the laboratory. Each member of the laboratory will tutor a child of normal intelligence who has a reading difficulty for one hour each day.

Admission to these courses, Analysis and Correction of Reading Difficulties and Laboratory in Remedial Reading Instruction is limited to experienced elementary school teachers and supervisors. Concurrent registration is required. (9.30-11.30 daily)

July 2-27—3 units—See Education 5910.

Analysis and Correction of Reading Difficulties

This course is designed for classroom, remedial and special reading teachers, and reading supervisors and consultants. Materials, methods and research in analyzing and providing instruction for reading difficulties will be the emphasis of this course. Plans, materials, and techniques for: analyzing pupil reading difficulties; use of group and individual tests; planning a remedial program of instruction; correcting first grade reading failures; and other topics will be covered.

Concurrent registration in the Laboratory in Remedial Reading Instruction will provide teachers with both theory, plans, materials, and practical application and try-out of techniques discussed and demonstrated in the class. (12.00-1.30)

July 2-27—3 units—See Education 5910

Workshop in the Improvement of Reading

Successful reading instruction is a primary objective of elementary school teachers. This workshop includes a number of features aimed at developing successful reading instruction through: team learning techniques; success in beginning reading; analysis of reading needs; word analysis techniques; effective vocabulary teaching; intensive instruction in study skills; enrichment of the reading program; choral reading; etc.

This workshop will focus on the development of materials and plans for classroom use through work teams, lecture-demonstrations, exhibits, and individual and group conferences on special problems. (1.00-3.45)

June 18-29—3 units—See Education 5910

National Science Foundation Institute

An N.S.F. Institute for Teachers of High School Mathematics will be offered in an eight-week session, June 18 to August 10. The High School Mathematics studies will be directed by Dr. C. T. Purvis. Twelve quarter units (8 semester units) will be granted for completion of three of five courses to be made available to approved participants. See Mathematics 5911, 5912, 5913, 5914, 5915.

SUMMER SESSION COURSES

(All classes are offered in six weeks unless shown otherwise.
See Schedule of Classes for time, instructor, etc.)

DIVISION OF BUSINESS AND ECONOMICS (Business, Economics, Business Education)

BUS. 3151-3152. PRINCIPLES OF ACCOUNTING

An introduction to accounting analysis and practice. Students may register for either Bus. 3151, the first course in elementary accounting, or in 3152, the second term of elementary accounting. Four units. (Evening class)

BUS. 3200. MANAGERIAL ACCOUNTING

Applied course with emphasis on the use of accounting information in business decisions. Prerequisite: One year of accounting. Four units.

BUS. 3600. PRINCIPLES OF MANAGEMENT

Introduction to business organization and management practices; interrelationships of complex human, technical, and economic factors in administration of business. Four units.

BUS. 5900. INDIVIDUAL STUDY IN BUSINESS EDUCATION

Designed to meet the needs of students preparing for a teaching credential. An opportunity to cover professional education requirements and/or study individual teaching problems related to present school responsibilities. All students will meet regularly on a seminar basis. Two to four units.

DIVISION OF CREATIVE ARTS (Art and Music)

ART 3310. ELEMENTARY SCHOOL ART

Developing an understanding of elementary school art as applied to various age levels and classroom situations and providing the teacher with the personal skills necessary in utilizing arts and crafts materials. 3 hrs. lecture, 4 hrs. activity. Five units.

ART 3320, SEC. 1. ARTS AND CRAFTS IN THE ELEMENTARY SCHOOL

Aims, methods, and materials for children's arts and crafts, and application to elementary school art experiences. Prerequisite: Basic skills in use of arts and crafts materials. 1 hr. lecture, 4 hrs. activity. Three units.

ART 3320, SEC. 2. JULY 30 TO AUGUST 10

ART 3060. RENAISSANCE AND BAROQUE ART

Evolution of the arts reflecting tastes from the late Renaissance and Baroque eras through the 19th century to the innovations of the French impressionists. Three units.

ART 4910. BAY AREA ART MUSEUMS

Four all-day (Saturday) visits with lectures to selected museum art collections. Concurrent registration in Art 3060. Two units.

MUSIC 3110. LISTENING TO MUSIC

A basic course in music understanding designed to develop techniques for listening. Examples will illustrate music periods, styles, forms. May partially fulfill creative arts requirement in general education. Not open to music majors. Three units.

MUSIC 3330. MUSIC IN THE ELEMENTARY SCHOOL

Aims, methods, and organization of materials for elementary classroom music with application to the adopted State music texts. Prerequisite: Music fundamentals or equivalent competency as determined by Music Department. 2 hrs. lecture, 2 hrs. activity. Three units.

MUSIC 5310. SEMINAR IN MUSIC LITERATURE FOR PERFORMING GROUPS

A survey of music available for performance at various levels of difficulty with emphasis upon its use in teaching for understanding of music theory, style, and form. (Evening class) Three units.

MUSIC 5910. ELEMENTARY SCHOOL MUSIC (WORKSHOP) JULY 2-JULY 13

Designed for both Music Specialists and Classroom Teachers, it will include participation and discussion sessions in connection with Singing, Rhythmic, Listening, Instrumental, and Creative Activities. Three units.

DIVISION OF EDUCATION**ED. 3010. PRINCIPLES, SCOPE AND FUNCTION OF EDUCATION, JULY 27-AUG. 24**

The modern public elementary and secondary school as a community agency; history and development; objectives, operation, scope, and functions. Two units.

ED. 3020. CHILD GROWTH AND DEVELOPMENT

Human growth and development; psychology of child and youth with emphasis on school-related problems. (Must include registration in Ed.3060.) Three units.

ED. 3060. PUBLIC SCHOOL LABORATORY I

Supervised public school laboratory experience, 3 hours. One unit.

ED. 3061. YOUTH AGENCY LABORATORY

Supervised youth agency experience, 3 hours. One unit.

ED. 3100. EDUCATIONAL PSYCHOLOGY

Research and theory in the teaching-learning process; application to school practices; mental hygiene; individual differences in school behavior. Teacher-pupil relationships. Prerequisite: basic psychology, Ed.3000 series, concurrent registration in Ed.3161. Two units.

ED. 3161. PUBLIC SCHOOL LABORATORY II

Supervised public school laboratory experience, 6 hours. Two units.

ED. 4100. EVALUATION IN EDUCATION

Principles, techniques, and current practices of evaluation in school; relationships to curriculum; current practices in tests and measure-

ments; 3 hrs. lecture, 3 hrs. lab. Prerequisite: Ed.3100 or equivalent. Four units.

ED. 4251. AUDIO-VISUAL METHODS AND MATERIALS

Selection, utilization and evaluation of audio-visual methods and materials in the teaching-learning process; operation of audio-visual equipment. (Fulfills credential requirement. No credit for students with prior audio-visual course.) 1 hr. lecture, 4 hrs. activity. Three units.

ED. 5000. PHILOSOPHY OF EDUCATION

Foundational course in philosophy of education. An examination of philosophical issues in contemporary education, aimed at encouraging individual development of a coherent, consistent philosophy by which educational practice may be guided. Four units.

ED. 5010. CONTEMPORARY AMERICAN EDUCATION

A critical analysis of relationships between major social and historical developments and American education, emphasizing goals, purposes, scope and functioning of elementary and secondary education. (Meets credential requirements in principles of education.) Prerequisite: Ed.3020 and Ed.3060, or permission of instructor. Four units.

ED. 5069. HOME AND SCHOOL

Dynamics of family, pupil-teacher, teacher-parent, and pupil-pupil relationships including methods and materials of family counseling, working with parent groups, parent conferences, home visits and problems of home and school. July 27-August 24. Three units.

ED. 5200. CURRICULUM DEVELOPMENT

Study of principles, procedures, and issues in public elementary and secondary school curriculum development and improvement. (Meets credential requirements for supervision and administration.) Prerequisite: teaching experience, regular credential, consent of instructor. Four units.

ED. 5210. IMPROVING LANGUAGE ARTS IN THE ELEMENTARY SCHOOL

Research in psychology and methods of the teaching-learning process in speaking, listening, spelling, and writing; relation to school curriculum materials and resources. Prerequisites: teaching experience, Ed.3200 series or equivalent, or permission of instructor. Three units.

ED. 5230. IMPROVING READING IN THE ELEMENTARY SCHOOLS, JUNE 18-29

Research in psychology and methods of the teaching-learning process in reading; diagnosis and evaluation; relation to school curriculum materials and resources. Prerequisite: teaching experience, Ed.3200 series or equivalent, or permission of instructor. Three units.

ED. 5240. CHILDREN'S LITERATURE

Examination of values in folk tales, classical myths, and legends. Major attention to body of contemporary writing especially created to satisfy interests and needs of children. Criteria for continuing selection and appreciation of children's literature emphasized. Prerequisite: consent of instructor.

July 27-August 24—3 units.

ED. 5600. SCHOOL ADMINISTRATION—FEDERAL, STATE, COUNTY, LOCAL

Relationship of local school district to county, state, and federal agencies. Legal, fiscal, organizational, and administrative bases. Leadership and the several publics. Personnel dynamics. Phenomenon of growth. (Meets credential requirements in administration.) Prerequisites: teaching experience, regular credential, consent of instructor. Four units.

ED. 5700. TEACHING THE GIFTED

Problems of curriculum, teaching-learning, and patterns of administration and organization of school programs for the gifted. Emphasis on methods, materials, and resources. Prerequisite: teaching experience or regular credential or consent of instructor. Three units. Evening class.

ED. 5910. WORKSHOPS

Analysis and Correction of Reading Difficulties
Laboratory in Remedial Reading Instruction
Elementary School Social Studies
Current Curriculum Development
Early Childhood Education
Creativity in Language Arts
School Finance and Salary Scheduling

ED. 6210. COUNSELING AND GUIDANCE IN PUBLIC SCHOOL

Counseling procedures and techniques, including interviewing, child study, parent education. Emphasis given to functional use of cumulative folder data and forms. Roles of the teacher, parent, administrator, supervisor, counselor. Prerequisite: teaching experience or consent of instructor. Four units.

ED. 6520. PUBLIC SCHOOL SUPERVISION

Basic principles and techniques of public elementary and secondary school supervision and coordination; related aspects of curriculum development and teaching-learning process. (Meets credential requirements for supervision and administration.) Prerequisites: teaching experience, regular credential, consent of instructor. Four units.

ED. 6600. ASPECTS OF SCHOOL FINANCE AND BUSINESS ADMINISTRATION

Principles, problems, and practices of educational finance and business management; State and local support; legal aspects of finance. Aspects of planning, financing, and constructing school buildings. (Meets credential requirements for administration and supervision.) Prerequisites: teaching experience, regular credential, consent of instructor. Four units.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION**P.E. 3000. ACTIVITY—GOLF**

Instruction in designated physical education activities. May be repeated for credit. One unit.

P.E. 3200. HEALTH AND PHYSICAL EDUCATION

Physical education programs, health services and environment, methods and materials of instruction in the elementary school. Special emphasis on interpretation of California State program. Prerequisite: general education requirements in health and physical education. 2 hrs. lecture, 4 hrs. activity. Four units.

P.E. 5220. PHYSICAL EDUCATION PROGRAMS IN SECONDARY SCHOOLS

Development of total program of instruction in secondary school physical education. Methods of instruction; intramural, extramural, and interscholastic athletics; recreation, rehabilitation, and preparation of courses of study. Prerequisite: Physical Education major or consent of instructor. Three units.

DIVISION OF HUMANITIES**ENG. 3000. ADVANCED COMPOSITION**

Improvement in expository writing. Enrollment and writings in conjunction with a course in each major field. Required in the general education program. Not open to English majors or minors. Three units.

ENG. 4850. STUDIES IN THE NOVEL

Intensive study of selected novels. (Evening class) Three units.

HIST. 3510. HISTORY OF CALIFORNIA

California history from early Spanish occupation to the present; emphasizing the influence of geography, natural resources, and a growing population. Four units.

HIST. 4000. CONTEMPORARY WORLD PROBLEMS

World affairs from 1914 to the present; present foreign policies of the major powers in their historical, political, and economic setting; events leading to World War II; the United Nations; current major issues. Four units.

PHIL. 4900. PHILOSOPHY AND PHILOSOPHERS

Readings, discussion, and investigations in philosophy according to the needs of class members. Initial class meeting on Tuesday, June 19, thereafter TBA. One to five units.

PHIL. 5000. PHILOSOPHY OF EDUCATION

Foundational course in philosophy of education. An examination of philosophical issues in contemporary education, aimed at encouraging individual development of a coherent, consistent philosophy by which educational practice may be guided. Four units.

DIVISION OF SCIENCE AND MATHEMATICS**MATH. 3000. CONCEPTS OF MATHEMATICS**

Course for students planning *not* to specialize in mathematics or the related sciences. Consideration of the postulates for number systems, arithmetic and algebra, with applications. Designed to satisfy the general education requirement in mathematics. Five units.

MATH. ED. 4020. TEACHING MATHEMATICS IN ELEMENTARY SCHOOLS

A study of the curriculum, teaching methods and content in elementary school mathematics. Three units.

MATH. 5020. CONTENT OF ELEMENTARY SCHOOL MATHEMATICS

JULY 27-AUGUST 24

Mathematical background to arithmetic; meanings, history, applications. Designed to help potential elementary school teachers understand mathematics. Three units.

NATIONAL SCIENCE FOUNDATION SUMMER INSTITUTE FOR TEACHERS OF HIGH SCHOOL MATHEMATICS

Approved applicants will register for three of the five courses:

MATH. 5911. FOUNDATIONS OF MATHEMATICS

The nature of mathematics; mathematical logic; axiomatic bases for numbers and number systems; bases of geometries.

MATH. 5912. LINEAR ALGEBRA AND MATRICES

Linear transformations and matrices. Algebra of vectors and matrices. Determinants and systems of linear algebraic equations. Applications to geometry, physics, . . .

MATH. 5913. HIGHER GEOMETRY

Euclidean and non-Euclidean geometries; introduction to projective geometry.

MATH. 5914. PROBABILITY AND STATISTICS

Basic laws of probability. Distributions, moments, sampling and central limit theorem.

MATH. 5915. NEW HIGH SCHOOL MATHEMATICS

Study of selected mathematics concepts in emerging high school mathematics curricula, such as SMSG, UICSM, . . .

Each course will meet one hour per day, five days per week, for eight weeks and will carry four quarter-units of credit.

PHY. SCI. 3340. PRINCIPLES OF PHYSICAL SCIENCE

Fundamental principles of physics and chemistry with applications to astronomy, meteorology, and geology. Not open to students having credit for Lower Division courses in chemistry or physics. 4 hrs. lecture, 2 hrs. activity. Five units.

PHY. SCI. 4400. WEATHER AND CLIMATE

Introduction to the atmosphere, physics of the atmosphere, physical causes of climate; structure and circulation, weather and weather forecasting; emphasis on aspects of interest to the prospective or in-service teacher. Prerequisite: Recommended Math. 3000 or equivalent, high school physics. 4 hrs. lecture. Four units.

BIOL. 3350. PRINCIPLES OF BIOLOGY

Fundamentals of plant and animal processes emphasizing the basic and unifying principles. Not open to students having credit for Lower Division courses in botany, biology, or zoology. 4 hrs. lecture, 2 hrs. activity. Five units.

CONS. 4380. CONSERVATION OF NATURAL RESOURCES

Interrelationships of soils, water, minerals, forests, grasslands, and wildlife; applied ecology in the wise use of natural resources. Prerequisite: a basic course in biology and in physical science. 4 hrs. lecture, 2 hrs. activity. Five units.

SCI. ED. 4020. SCIENCE IN THE ELEMENTARY SCHOOL

Discussions, techniques, projects appropriate to the teaching of science in the elementary schools. Prerequisite: completion of general education requirement in science. 2 hrs. lecture, 2 hrs. activity. Three units.

DIVISION OF SOCIAL AND BEHAVIORAL SCIENCE

(Anthropology, Geography, Political Science, Psychology, Sociology)

ANTHR. 3010. CULTURAL ANTHROPOLOGY

The place of anthropology in the social sciences; theories and schools in social anthropology; community studies, integration, functionalism, psychological aspects. Four units.

GEOG. 3020. WORLD ENVIRONMENTS

Major physical regions of the world and their occupation and development by man. Not open to a student who has taken a Lower Division course in geography. Four units.

POL. SCI. 3100. AMERICAN, NATIONAL, STATE AND LOCAL GOVERNMENT

Studies of relationships of various governments in the United States; the organization, processes and problems of national, state and local government. Meets requirement in the U.S., California State and Local Government. Four units.

POL. SCI. 3210. COMPARATIVE GOVERNMENT

Analysis of comparative political systems; dictatorships and democracies; presidential and parliamentary systems; federal and unitary; multi-party, two-party and single-party systems; individual rights and duties in varying systems. Four units.

POL. SCI. 4000. CONTEMPORARY WORLD PROBLEMS

See Hist. 4000 for description. Four units.

POL. SCI. 4620. COMMUNIST AND FASCIST IDEOLOGIES

Analysis of communist doctrine as developed from Marx through Lenin, Stalin and Krushchev eras; the current communist thought in China and Yugoslavia. The fascist ideologies as developed in Germany, Italy and America. Four units.

PSYCH. 5410. THE ABNORMAL PERSONALITY

A first course in the field of abnormal psychology with emphasis upon forms of abnormal behavior and etiology, considering biological, psychological, and sociological stress. Four units.

PSYCH. 5810. PSYCHOLOGY OF PERSONALITY

Methods and results of the scientific study of personality. Attention is given to the basic concepts of personality traits and their measurement, the developmental influences, and the problems of integration. Theories of organization, types, and methods of analysis are critically evaluated. Four units.

SOCIOL. 3430. URBAN PROBLEMS

Nature, causes, and results of urbanization in American culture. Emphasis on social problems arising from the growth and structure of metropolitan areas. (Evening class). Four units.

S.R. 4901. DIRECTED SENIOR READING

An interdisciplinary course, offered to students toward the end of their college studies, in which the student examines a cluster of ideas in several disciplines. The course intends to show the student the relationships of the disciplines to each other and to introduce the student to great ideas in Western civilization which are characteristically employed by the various fields of knowledge. Four units.

1962**June 18-July 27****SUMMER SESSION SCHEDULE**

(Courses subject to change without notice.)

DIVISION OF BUSINESS AND ECONOMICS									
Code	Dept.	No.	Title	Units	Time	Day	Room	Instructor	
001	Bus.	3151	Principles of Accounting I	4	6:45- 9:35 p.m.	TTh	A-5	Staff	
002	Bus.	3152	Principles of Accounting II	4	6:45- 9:35 p.m.	TTh	A-5	Staff	
003	Bus.	3200	Managerial Accounting	4	9:30-10:35	Daily	A-12a	Buttimer	
004	Bus.	3600	Principles of Management	4	8:00- 9:05	Daily	A-5	Buttimer	
901	Bus.	5900	Individual Study in Business Education	2-4	Arr.			Mayer	
DIVISION OF CREATIVE ARTS									
101	Art	3310	Elementary School Art	5	9:30-10:55 plus arr. lab.	Daily	G-3	Davis	
102	Art	3320	Arts and Crafts in Elementary Schools	3	11:00-12:25	Daily	G-3	Davis	
103	Art	5910	Elementary School Art (Workshop June 18-29)	3	12:30- 4:00	Daily	A-16	Randall	
104	Art	3060	Renaissance and Baroque Art	3	8:00- 9:25	MWF	G-3	Rosenbaum	
105	Art	4910	Bay Area Art Museums (Four all-day visits and lectures)	2	8:00- 4:00	Saturday	Arr.	Rosenbaum-Slatoff	
911	Art	4900	Individual Study	2-4	Arr.	Arr.	Arr.	Staff	
106	Music	3110	Music Listening	3	9:30-10:55	MWF	W-2	Ernst	
107	Music	3330	Music in Elementary School	3	11:00-12:05	Daily	W-2	Kjelson	
108	Music	5310	Seminar in Music Literature for Performing Groups	3	5:00- 6:00 6:45- 9:00	Tuesday	W-2	Ernst-Kjelson	
109	Music	5910	Elementary School Music (Workshop July 2-13)	3	1:30- 4:00	Daily	W-2	Kjelson	
912	Music	4900	Individual Study	2-4	Arr.	Arr.	Arr.	Staff	
DIVISION OF EDUCATION									
201	Ed.	3020	Child Growth and Development—Concurrent Registration in Ed. 3060	3	8:30-10:35	Daily	S-105	Zeitlin	
202	Ed.	3060	Public School Lab. I	1	Arr.	Arr.		Zeitlin	
203	Ed.	3100	Educational Psychology—Concurrent Registration in Ed. 3161	3	8:00-10:35	Daily	S-103	Davies	
204	Ed.	3161	Public School Lab. II	2	Arr.	Arr.		Davies	
205	Ed.	4100	Evaluation in Education	4	8:00- 9:05	Daily	A-6	Hendrickson	
206	Ed.	4251	Audio-Visual Methods	3	8:00- 9:25	Daily	G-4	Worland	
207	Ed.	6600	Aspects of School Finance	4	11:00-12:05	Daily	A-11b	Peters	
208	Ed.	5000	Philosophy of Education	4	12:30- 1:35	Daily	A-6	Yeager	
209	Ed.	5010	Contemporary American Education	4	11:00-12:05	Daily	A-6	Zeitlin	
210	Ed.	5200	Curriculum Development	4	9:30-10:35	Daily	G-4	Worland	
211	Ed.	5210	Improving Language Arts	3	9:30-10:20	Daily	A-6	Hendrickson	
212	Ed.	5230	Improving Reading in Elementary Schools (Workshop June 18-29)	3	1:00- 3:45	Daily-Cafeteria		McHugh	
213	Ed.	5600	School Administration, Federal, State and Local	4	12:30- 1:35	Daily	A-11b	Peters	
214	Ed.	5700	Teaching The Gifted	3	6:45- 9:35 p.m.	MW	A-5	Carlson	
215	Ed.	5910	Analysis and Correction of Reading Difficulties (Workshop July 2-27)	3	12:00- 1:30	Daily-Cafeteria		McHugh	
216	Ed.	5910	Lab. in Remedial Reading (July 2-27)	3	9:30-11:30	Daily-Cafeteria		McHugh	
217	Ed.	5910	Social Studies (Workshop June 18-29)	3	12:30- 4:00	Daily	G-4	Davies	
218	Ed.	5910	Current Curriculum Development for Elem. School Administrators (Workshop June 25-July 13)	5	9:00-12:00	Daily	A-7	Shriner	

SUMMER SESSION SCHEDULE—Continued

Code	Dept.	No.	Title	Units	Time	Day	Room	Instructor
DIVISION OF EDUCATION—Continued								
219	Ed.	5910	Kindergarten-Primary Teachers Workshop (June 18-22)	2	12:30- 4:10	Daily	W-2	Sabath
220	Ed.	6210	Counseling and Guidance	4	9:30-10:35	Daily	A-11b	Forbes
221	Ed.	6520	Public School Supervision	4	1:40- 2:45	Daily	A-7	Shriner
921	Ed.	4900	Individual Study	2-4	Arr.	Arr.	Arr.	Staff
222	P.E.	3000	Activity: Golf	1	11:00-12:00	MWF	Gym.	Tappin
223	P.E.	3200	Health and Physical Education	4	12:30- 2:00	Daily	Gym.	Tappin
224	P.E.	5220	Physical Education Programs in Secondary Schools	3	9:30-10:30	Daily	Gym.	Tappin
922	P.E.	4900	Individual Study	2-4	Arr.	Arr.	Arr.	Staff
DIVISION OF HUMANITIES								
301	Eng.	3000	Advanced Composition	3	12:30- 1:20	Daily	A-3	Biella
302	Eng.	4850	Studies in the Novel	4	6:45- 9:35 P.M.	MW	A-3	Biella
931	Eng.	4900	Individual Study	2-4	Arr.	Arr.	Arr.	Staff
303	Hist.	4000	Contemporary World Problems	4	12:30- 1:35	Daily	A-7	Blawie
304	Phil.	4900	Philosophy and Philosophers	1-5	Arr.	Arr.	Arr.	Yeager
305	Phil.	5000	Philosophy in Education	4	12:30- 1:35	Daily	A-6	Yeager
306	Span.	5910	Spanish for Elementary School Teachers (Workshop July 2-27)	6	8:30-12:30	Daily	A-18	DuFort
DIVISION OF SCIENCE AND MATHEMATICS								
401	Math.	3000	Concepts of Mathematics	5	12:30- 1:55	Daily	A-5	Bardellini
402	Math. Ed.	4020	Teaching Mathematics in Elementary Schools	3	9:30-10:30	Daily	A-5	Bardellini
National Science Foundation Summer Institute for Teachers of High School Mathematics. Approved applicants will register for three of the five following courses.								
403	Math.	5911	Foundations of Mathematics	4	9:00- 9:50	Daily	S-101	Hancock
404	Math.	5912	Linear Algebra and Matrices	4	1:10- 2:00	Daily	S-101	Purvis
405	Math.	5913	Higher Geometry	4	10:00-10:50	Daily	S-101	Southard
406	Math.	5914	Probability and Statistics	4	8:00- 8:50	Daily	S-101	Southard
407	Math.	5915	New High School Mathematics	4	11:00-11:50	Daily	S-101	Hancock
408	Phy. Sci.	3340	Principles of Physical Science	5	7:45- 9:25 a.m.	Daily	A-10	Woods
409	Phy. Sci.	4400	Weather and Climate	4	11:00-12:05	Daily	A-10	Woods
941	Phy. Sci.	4900	Individual Study	2-4	Arr.	Arr.	Arr.	Staff
410	Biol.	3350	Principles of Biology	5	11:00-12:25	Daily	Hi-1	Grillos
411	Cons.	4380	Conservation of Natural Resources	5	9:30-10:55	Daily	S-102	Peterson
412	Sci. Ed.	4020	Science in Elementary Schools	3	8:00- 9:05	Daily	Hi-1	Grillos
942	Biol. Sci.	4900	Individual Study	2-4	Arr.	Arr.	Arr.	Staff
DIVISION OF SOCIAL AND BEHAVIORAL SCIENCE								
501	Anthr.	3010	Social Anthropology	4	8:00- 9:05	Daily	A-3	Winslow
502	Geog.	3020	World Environments	4	9:30-10:35	Daily	A-3	Winslow
503	Pol. Sci.	3210	Comparative Governments	4	9:30-10:35	Daily	G-2	Freitag
504	Pol. Sci.	3100	American National, State and Local Government	4	11:00-12:05	Daily	A-5	Blawie
505	Pol. Sci.	4000	Contemporary World Problems	4	12:30- 1:35	Daily	A-7	Blawie
506	Pol. Sci.	4620	Communist and Fascist Ideologies	4	11:00-12:05	Daily	A-3	Freitag
951	Pol. Sci.	4900	Individual Study	2-4	Arr.	Arr.	Arr.	Staff
507	Psych.	5410	The Abnormal Personality	4	9:30-10:35	Daily	G-2a	Mechanic
508	Psych.	5610	Psychology of Personality	4	11:00-12:05	Daily	G-2a	Mechanic
509	Sociol.	3430	Urban Problems	4	6:45- 9:35 p.m.	TTh	A-7	Forbes
952	Soc. Sci.	4900	Individual Study	2-4	Arr.	Arr.	Arr.	Staff
601	S.R.	4901	Directed Senior Reading	4	8:00- 9:25 + 2 hrs. arr.	TTh	A-11b	Fry and Staff

1962

July 27-August 24

SUMMER POST-SESSION SCHEDULE

(Courses subject to change without notice.)

Code	Dept.	No.	Title	Units	Time	Day	Room	Instructor
101	Art.	3320	Arts and Crafts for Elementary Schools (Workshop July 30-Aug. 10)	3	12:30- 4:30	Daily	G-3	Staff
201	Ed.	3010	Principles, Scope and Function of Education	2	8:00- 8:50	Daily	S-103	Zeitlin
202	Ed.	3061	Youth Agency	1	Arr. (30 Hrs.)			Zeitlin
203	Ed.	5069	Home and School	3	1:00- 2:15	Daily	A-3	Staff
204	Ed.	5240	Children's Literature	3	10:30-11:45	Daily	A-7	Carlson
205	Ed.	5910	Workshop for Teachers in School Fiscal and Personnel Policies (July 30-Aug. 10)	3	9:00-12:20	Daily	A-16	Peters
206	Ed.	5910	Creative Writing for Children (Workshop July 30-Aug. 24)	3	12:30- 2:30		A-7	Carlson
207	Math.	5020	Content of Elementary School Mathematics	3	9:00-10:15	Daily	A-5	Staff
208	Hist.	3510	History of California	4	9:00-10:40	Daily	A-4	Rice

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Head, Division of Science and Mathematics	P. Victor Peterson, Jr.
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LYLE D. EDMISON, Dean of Students

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Associate Dean of Students (Activities)	Howard Slatoff
Associate Dean of Students (Health)	C. J. Lutt
Registrar	James R. Loonie

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Bardellini, Justin M. (Visiting Faculty)	Assistant Professor of Mathematics
Biella, Arnold P.	Head, Division of Humanities, Professor of English
Blawie, Marilyn	Associate Professor of Political Science
Buttimer, Harry	Associate Professor of Business Administration
Carlson, Ruth K.	Associate Professor of Education
Davies, Gordon	Assistant Professor of Education
Davis, John	Assistant Professor of Art
DuFort, Mary (Visiting Faculty)	Assistant Professor of Foreign Languages
Ernst, Karl	Head, Division of Creative Arts, Professor of Music
Forbes, Robert	Assistant Professor of Social Science
Freitag, Otto	Chairman, Department of Political Science, Professor of Political Science
Fry, Hilary	Professor of Social Science
Grillos, Steve	Associate Professor of Biological Science
Hendrickson, Dale	Assistant Professor of Education
Kjelson, Lee	Associate Professor of Music
Mayer, Forrest L.	Associate Dean of Instruction, Professor of Business
McHugh, Walter	Associate Professor of Education
Mechanic, Arnold	Assistant Professor of Psychology
Peters, Jon	Curriculum Evaluator, Professor of Education
Peterson, P. Victor	Head, Division of Science of Mathematics, Professor of Chemistry and Conservation
Randall, Arne	Chairman, Department of Art, Professor of Art
Rice, Richard B.	Assistant Professor of History
Rosenbaum, Morton	Associate Professor of English
Sabath, Mildred R.	Assistant Professor of Education
Shriner, William	Professor of Education
Slatoff, Howard A.	Associate Dean of Students, Associate Professor of Art
Tappin, Warren	Associate Professor of Physical Education
Vandenburgh, William	Chairman, Dept. of Health and Physical Education, Professor of Physical Education
Winslow, John	Assistant Professor of Social Science
Woods, Marion	Professor of Chemistry
Worldand, Charles	Assistant Professor of Education
Yeager, Herman	Assistant Professor of Education
Zeitlin, Harry	Assistant Professor of Education

ADMINISTRATION OF SUMMER SESSION

Forrest L. Mayer, Associate Dean of Instruction..... Director of Six Weeks Session
William G. Vanderburgh, Chairman of Dept. of Health and Physical Education,
Director of Four Weeks Session

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APPLICATION FOR REGISTRATION PERMIT

It is not necessary to make formal application for admission to attend the Summer Sessions. Those who complete an application for Permit To Register will receive a card which sets the hour for registering on June 18. This should minimize the amount of time students will have to spend in the registration process. Your cooperation in completing a proposed schedule of classes for the Summer Session will help us determine enrollment patterns.

This form must be returned by June 1 to the Director of Summer Sessions, Alameda County State College, Hayward, in order to receive the Permit. Those who do not apply will not be permitted to register until 11 o'clock.

Summer Sessions—1962

APPLICATION FOR PERMIT TO REGISTER

Alameda County State College

Name _____

Address_____

City _____ State _____

Proposed schedule for *Summer Quarter* and *Six Weeks*:

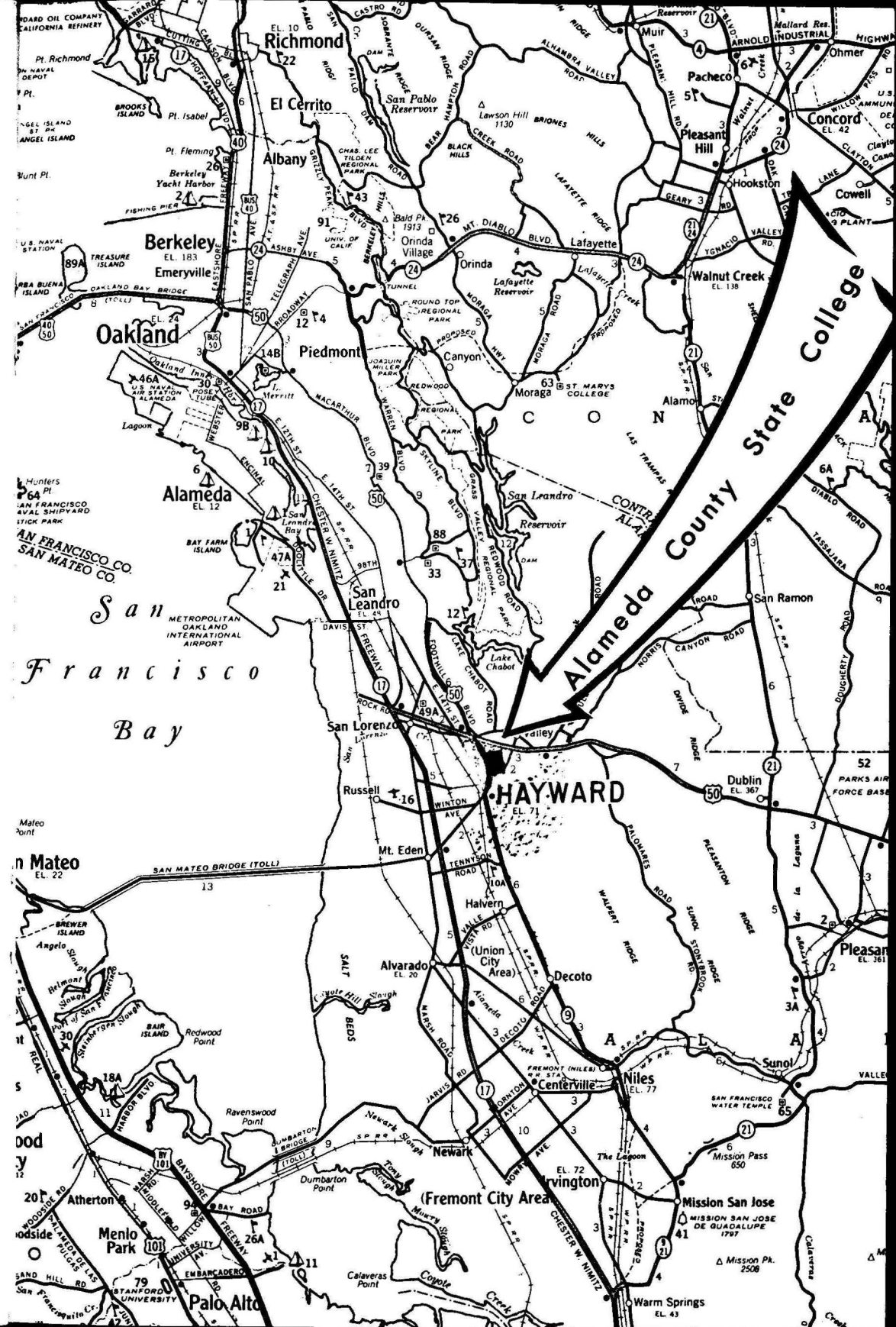
Dept.	No.	Title	Time	Units
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(Nine units is normal load for six weeks.)

Proposed schedule for *Four Weeks*:

It is understood that the applicant may change this program and that the college is not reserving a place in the courses shown.

Applicants indicating an interest in workshops which have limited enrollments will receive forms necessary to reserve space in the desired workshop.



From: DIRECTOR, SUMMER SESSION
Alameda County State College
22300 Foothill Boulevard
Hayward, California

To

CALIFORNIA STATE COLLEGE
AT HAYWARD LIBRARY

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