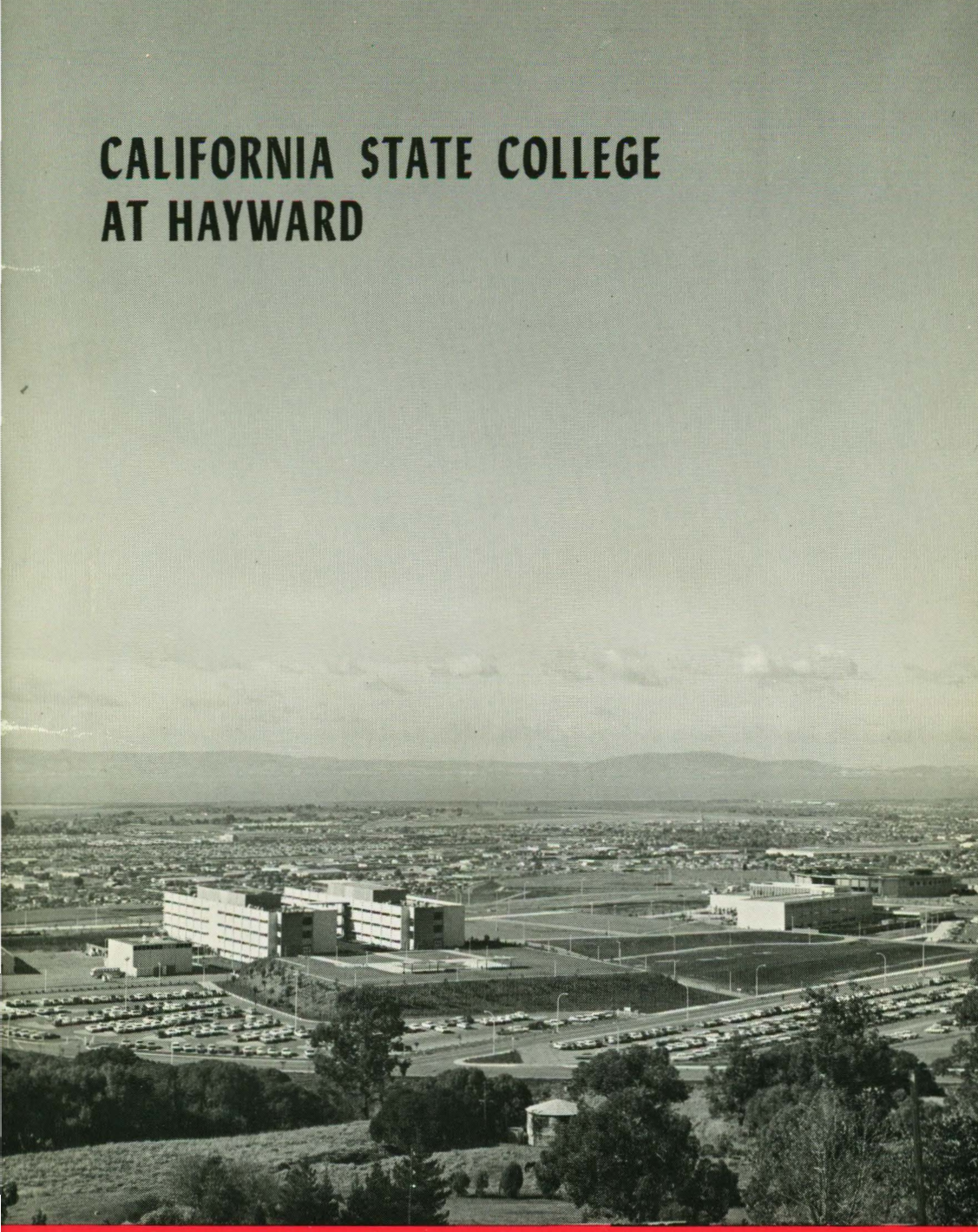
CALIFORNIA STATE COLLEGE AT HAYWARD



Summer Quarter
Summer Session

• 1965

CALENDAR SUMMER QUARTER — 1965

June 15 to August 31

April 15	Deadline for undergraduate application for admission
April 12-23	Summer Quarter pre-enrollment for continuing students
June 11	Deadline for graduate application for admission
June 15	Orientation
June 16	Registration
June 17	Classes begin
June 17-24	Late registration period (9:00-12:00 a.m.; 1:00-5:00 p.m. daily with offices open until 6:30 p.m. on June 24)
June 24	Last day for enrolled students to add classes or to drop classes without record of enrollment
July 16	Deadline for application for graduation (Summer Quarter)
July 19	Application for admission to teacher credential program
July 23	Last day to drop class
July 23	American Institutions, U. S. Constitutions, California Government Examinations
August 16-18	Academic advisement for continuing students
August 19-20	Academic advisement for students entering CSCH for first time, Fall Quarter, 1965
August 25	Last day of classes
August 26-31	Final examinations
August 31	End of Quarter

CALENDAR SUMMER SESSION — 1965

June 21 to July 30

June 16	Application deadline for students attending the Summer Session only
June 21	Registration. Applicants by June 1, will receive preferential time to register in a.m. Open registration 1:00-6:00 p.m.
June 22	Classes begin
June 22	Late registration period
June 22	Last day to add classes
July 2	Last day to drop classes without record of enrollment
July 30	End of session
August 2	Grades due in Records Office for Summer Session

A Special Announcement

Cal-State at Hayward will conduct a "fourth" quarter during the summer of 1965. This experimental program by the first State College to go on year-round operation is a means of realizing greater plant utilization and also a means of increasing the educational opportunities through an expanded summer offering. During the summer, the College will also offer classes, numerous workshops, and short courses in a six-weeks summer *session*.

The Summer Quarter and Summer Session Compared

The summer *quarter* and summer *session* will differ in three principal respects:

1. Length of term
2. Admission requirements
3. Fees

SUMMER QUARTER

DATES OF THE SUMMER QUARTER—June 15 to August 31

Registration for the Summer Quarter will be held on June 15 and 16, and the final examination period will close on August 31. Instruction will extend over a period of time equivalent to other quarters in the academic year, thus permitting teaching-learning activities to move at a somewhat slower pace than has been customary in a summer session.

Course offerings have been carefully planned to make it possible for students to carry a full quarter's load of 15 to 16 units. All majors are represented in the schedule, thereby making year-round educational opportunities available to our students for the first time.

ADMISSION REQUIREMENTS FOR SUMMER QUARTER

Summer Quarter students must meet all the requirements applicable to any other quarter to be fully admissable to California State College at Hayward. Freshmen students must qualify for admission by (a) Have earned 14 or more semester grades of A or B in subjects other than physical education, military science, or remedial courses during the last three years of high school, including at least six college preparatory subject grades, or (b) Have earned 10 or more semester grades of A or B in subjects other than physical education, military science, or remedial courses during the last three years of high schools and have attained the 30th percentile on national college freshmen norms of a standard college aptitude test. American College Testing Program Examination (ACT) must be completed by entering freshmen.

An applicant who has earned credit in one or more accredited colleges may be admitted if he meets the requirement for freshmen admission shown above and if he has earned a "C" or better in all college work attempted and if he was in good standing at the last college attended. An applicant who does not meet the requirements for admission with freshman standing must have earned 60 or more semester units of college credit with an over-all average of "C" in all work attempted and he must have been in good standing at the last college attended.

ADMISSION DEADLINE FOR SUMMER QUARTER

All new undergraduate students must file an application for admission by April 15, 1965, with the Office of Admissions. New graduate students with "no objective" at Cal-State must file application for admission to the Summer Quarter by June 1, 1965. Graduate students failing to meet this deadline may experience lengthy delays during registration.

STUDENTS MAY ATTEND BOTH PROGRAMS

Students who have been admitted to the *Summer Quarter* and who are eligible may take courses or workshops in the Summer Session by enrolling during the registration on June 21 or at the first class meeting of a workshop beginning after June 21. Fees for courses are $11.25 per quarter unit.

Students should not take more than a combined load of 15 or 16 units due to the sharply accelerated pace of courses offered in the summer session.

FEES FOR THE SUMMER QUARTER

The regular fees of the College are given below. The fees for auditors are the same as for those receiving credit for a course. "Fees are subject to change upon approval by the Trustees of the California State Colleges."

I. *Registration Fees* (Payable at time of registration)

A. Fall, Winter, and Spring Terms:

1. Regular students (More than 6 units)	Summer
Material and service fee	$25.50
Student Body Fee*	6.00
Total	$31.50

2. Part-time students (6 or fewer units):	
Material and service fee	$13.00
Student body fee	2.00
Total	$15.00

3. Nonresident tuition, per quarter (in addition to above fees):
   1 to 14 units ..... $ 11.50 per unit
   15 or more units ..... $167.00 total

4. Foreign student tuition, per quarter (in addition to fees in 1 or 2 above):
   1 to 14 units ..... $ 5.75 per unit
   15 or more units ..... $85.00 total

B. Extension Division ..... $6.50 per unit

C. Summer session	Six-Weeks Session
Material and service fee	$11.25 per unit
Student body fee*	3.00

There is no nonresident tuition for summer session.

II. *Other Costs* (Payable when service is rendered):

A. Application fee	$5.00
B. Late registration fee	5.00
C. Change of program after final filing date	1.00
D. Failure to meet administratively-required appointment or time limit	2.00
E. Graduation fee (not a state fee)	10.00
F. Check returned	
1. Registration check	5.00
2. Any other check	1.00
G. Parking fee**	
1. Regular student	9.00/qtr.
2. Part-time student	4.00/qtr.
H. Official transcript of record (no charge for first copy)	1.00
I. Items lost or broken	Cost

III. *Refund Regulations*

A. Any student who finds it necessary to withdraw officially from the College is eligible for a refund of a portion of the material and service fee provided the application is filed in the Records Office not later than two weeks (14 calendar days) after the term begins.

B. Any student who reduces his academic load from a regular to a limited category during the period for adding and dropping classes, is eligible for a partial refund of the material and service fee, and should apply to the Records Office not later than two weeks (14 calendar days) after the term begins.

C. Partial refunds may be granted to students receiving administrative suspension providing a request is filed by the student in the Records Office.

D. Upon withdrawal from college, *nonresident* or *foreign student tuition* will be refunded upon formal application according to the following schedule:

Before or during the first week of the quarter	100%
During the second week of the quarter	75%
During the third week of the quarter	50%
During the fourth week of the quarter	25%

*No student body fees are necessary for either session if the student paid $20 during the previous academic year.

**25% of the amount listed is charged for 2-wheel vehicles.

SIX-WEEKS SUMMER SESSION

DATES OF THE SUMMER SESSION—June 21 to July 30

Registration for the Six-Weeks Summer Session will be held on June 21, classes will begin June 22, and the session will end July 30. Full-length courses will be compressed into six weeks by extending the class period and by increasing the number of class meetings per week. Numerous special workshops, seminars and short courses will be available during the summer session to meet the needs of teachers, supervisors and school administrators.

DEADLINE FOR APPLICATION TO ENROLL IN SUMMER SESSION

Students planning to take courses during the Six-Weeks Session are urged to complete the application form in the back of this bulletin along with their proposed program by June 1. Applicants meeting this deadline will receive a card setting the time to register on June 21 based upon the order in which applications are received in the Summer Session Office. All new students (graduate and undergraduate) planning to attend the six-weeks summer session must file applications by June 16 in order to provide time for processing prior to registration. All enrollment procedures may be completed for new students taking workshops *only* during the first class meeting.

ADMISSION REQUIREMENTS FOR SUMMER SESSION

Adult students (high school graduates) who wish to enroll for summer session courses only are *not* required to file an application for admission or transcript. Students are expected, however, to have satisfied the prerequisites for the particular courses in which they enroll. Students under disqualification from Cal-State, Hayward, or any other college may enroll in the summer session with the recommendation of the Director of Summer Session and the approval of the Dean of Admissions.

FEES OF THE SUMMER SESSION

Classes offered during the six-weeks session and all workshops and short courses are self supporting—fees from enrollments are expected to cover expenses. The following fee schedule was adopted by the Trustees of California State Colleges:

FEES FOR THE SUMMER SESSION

Six Weeks Session	per unit	$11.25
Student Body Fee*		3.00

There is no nonresident fee for Summer Session.

OTHER COSTS

A. State fee for credential	$8.00
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
H. Parking (for Six Weeks)	5.00

REFUNDS

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

Time of Withdrawal	Refund
Five-Weeks Session or Longer	
First two days college classes are scheduled	Total fee paid minus $11.25
Any other day of the first week	Total fee paid minus $11.25X65%
Any day of the second week	Total fee paid minus $11.25X25%
Three- and Four-Weeks Sessions	
First two days college classes are scheduled	Total fee paid minus $11.25
Any other day of the first week	Total fee paid minus $11.25X65%
Two-Weeks Session or less	No refund

ACADEMIC INFORMATION

ADVISEMENT FOR NEW STUDENTS

An orientation program is being planned for June 15 for all new students: entering freshmen and transfer students. Academic advisers in the major areas will be available to assist with program planning for the summer quarter. Letters of acceptance will be mailed to new students along with information about the orientation program.

PRE-ENROLLMENT FOR CONTINUING STUDENTS

Students in attendance at Cal-State during the spring quarter will have an opportunity to pre-enroll for the Summer Quarter. Advisers will be available during the period April 12 to April 23 to assist students with planning their programs for pre-enrollment. Details regarding procedures for pre-enrollment will be announced through the PIONEER.

COLLEGE BULLETIN AND CLASS SCHEDULES

New students are urged to secure a complete college bulletin from the College Bookstore for detailed information about general education requirements, course descriptions, credential information, and other information related to college rules and regulations. A revised schedule of classes for the Summer Quarter will be available around June 1. The schedule included with this Bulletin is tentative and subject to changes, deletions and additions. Course offerings for the Summer Quarter, June 15 to August 31, are fairly firm. However, course offerings during the Summer Session and special workshops are dependent upon an enrollment sufficient to make them self-supporting.

EARLY ADMISSION OF HIGH SCHOOL JUNIORS

Selected high school juniors are admissable to Cal-State if they meet the requirements for freshmen as outlined above. Permission to enroll also includes a letter of recommendation from the high school principal and a personal interview with the Associate Dean of Instruction at Cal-State or a faculty member in the department concerned.

Freshman courses in the different academic areas are open to the high school student as an opportunity to pursue his studies at a more advanced level, to enrich, deepen, and broaden his educational experiences and to foster intellectual inquiry through the stimulation that comes from college-level

classes. Courses in mathematics, psychology, anthropology, foreign language, the arts, English, history, the sciences, and the social sciences may be taken by qualified students.

Students accepted in this program for early admission are college students in every respect. They have the same admission requirements and deadlines to meet; they pay the same fees; they must meet the same course requirements; and they receive college credit for satisfactory completion of the course. The credit may be applied toward degree requirements at Cal-State, however, other institutions may or may not accept the work as transfer credit.

This opportunity to attend college is open only to superior students who have demonstrated outstanding achievement in high school and who are considered most likely to succeed in college.

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.

STUDENT SERVICES

The student personnel office provides special services to individual students and groups of students, and serves in a consultant capacity to academic advisers and academic departments of the college. Students with questions relative to academic programs should consult their academic advisers.

COUNSELING

California State College at Hayward provides a counseling service to assist students with academic and personal adjustment and to offer professional advice on questions of a non-academic nature.

The counseling service also assists students with career planning.

SCHOLARSHIPS

Scholarships ranging from $100 to $400 are granted to outstanding students by Divisional Scholarship Committees or the College Committee on Scholarships. Each applicant will be considered for every scholarship for which he is eligible. Recipients will be selected by the respective committees on the basis of scholarship, financial need, leadership, and promise of success in their chosen fields, or in terms of criteria as may be established by the donor.

LOANS

Short-term loans are available through student loan funds established by the Faculty, the Dorothy Donahoe Memorial Fund, Sertoma, Inc. of Hayward, California, Laura Settle, California Retired Teachers Association Loan Fund, and the Alpha Gamma Chapter of Phi Epsilon Phi Sorority. Details concerning the granting of loans are available through the Financial Aids Office.

Cal-State, Hayward, is participating in the National Defense Act Student Loan Program. To be eligible for an application a student must be a United States national or a permanent resident pursuing full-time graduate or undergraduate work and must be in good standing at the institution.

PLACEMENT SERVICES

The major objectives of the Placement Service include providing teachers for public school work; assisting graduates to find employment which best fits their needs and training; and finding part-time work for students to aid in financing their education. There is no fee for placement service.

Students and graduates seeking full-time career placement must have completed, or be in the process of completing, degree and/or credential requirements in order to be eligible for placement. Studnts who have completed 24 units of work at the college are eligible for limited service.

PART-TIME STUDENT EMPLOYMENT

Students seeking part-time employment may register with the Financial Aids Office at the beginning of each quarter.

HOUSING

The Student Personnel Office assists students in finding suitable housing within the college community. A new, privately built, coeducational residence hall is conveniently located near the campus. Students planning not to live at home are responsible for selecting their own housing. Women students under 21 must have written approval from their parents for residence away from home. For further information contact the Dean of Men.

ALUMNI ASSOCIATION

A strong enthusiastic Alumni Association works closely with the students of Cal-State, Hayward, to promote and foster good relationships between the students of the college and the graduates. Funds of the Alumni Association from dues and other sources are used to grant awards to students of the College.

FOREIGN STUDENTS

Students from other countries consult with the Student Personnel Office on matters affecting their visas, eligibility for employment, financial aid, travel programs, special workshops, and housing.

STUDENT INSURANCE

Voluntary insurance plans covering sickness and accidents are available to students. Further information may be obtained from the student business manager or the Student Personnel Office.

ASSOCIATED STUDENTS

The Associated Students is represented by a Student Council composed of a president, vice-president, secretary, and one representative from each of the six academic divisions. The Council plans and executes student activities, recognizes and charters clubs and organizations, prepares the student budget, supervises student elections, initiates activities and cultural events, and forms committees to further the work of the Student Association.

PUBLICATIONS

The Pioneer, the weekly college newspaper, is published by the Associated Students as a part of the journalism curriculum. The Literary Quarterly is published by the Humanities Division, and the yearbook by the Associated Students.

CURRICULA AND DEGREES

Baccalaureate Degrees With Major in:

Anthropology (BA)
Art (BA)
Biological Science (BS)
Business Administration (BS)
Business Education (BS)
Chemistry (BA, BS)
Economics (BA)
Elementary Education (BS)
English (BA)
French (BA)
Geography (BA)
History (BA)
Language Arts (BA)
Mathematics (BS)
Music (BA)
Physical Education (BS)
Physical Science (BS)
Physics (BA)
Political Science (BA)
Psychology (BA)
Recreation (BS)
Social Science (BA)
Sociology (BA)
Spanish (BA)
Speech & Drama (BA)
Special Major (BA) or (BS)

Master's Degree With Major in:

Education (MS)
English (MA)
Mathematics (MS)
Music (MA)

Non-degree Credential Programs

The college is accredited to recommend for:
General Elementary Credential (limited to candidates accepted in a program before November 1, 1963).

Programs Leading to Direct Application for:

The general secondary credential (limited to students accepted in a program before November 1, 1963).

The Standard Teaching Credential with Specialization in Elementary School Teaching.

The Standard Teaching Credential with Specialization in Secondary School Teaching.

The Standard Designated Services Credential with Specialization in Pupil Personnel Services.

The Standard Supervision Credential.

INTERDIVISIONAL PROGRAMS IN GENERAL EDUCATION

JUNIOR-SENIOR SYMPOSIA

The Junior and Senior Symposia are courses required of all undergraduates as follows: 1. Freshmen who enroll in September 1963 and thereafter; 2. Transfers who enroll for the first time at this institution in September 1965 and thereafter; 3. Transfers who enroll as lower-division students in September 1964 and thereafter; 4. Upper-division transfers who have been in continuous enrollment at other institutions and who transfer to this college prior to September 1965 will be required to enroll in the Junior Symposium. It is recommended that these transfers take the complete squence.*

Junior Symposium

3801. THE IDEA OF NATURE

An exploration into the history of ideas. Interdisciplinary consideration of man's ideas of nature and man's relation to it during Greco-Roman, medieval, renaissance and modern periods. Effects of these changing views upon modern man's concepts of himself. Prerequisite: Junior standing and basic courses in natural science, humanities and social sciences. Three units.

4801. SENIOR SYMPOSIUM

A continuation of Junior Symposium 3801. Prerequisite: Junior Symposium 3801. 2 hrs. lect., 2 hrs. act. Three units.

*Courses without special notation are offered in Summer Quarter **only.**

DIVISION OF BUSINESS AND ECONOMICS

BUSINESS

2251, 2252. PRINCIPLES OF ACCOUNTING

An introduction to accounting analysis and practice. Courses are sequential. Four units each.

3111. BUSINESS AND ECONOMIC STATISTICS

Statistical methods used in business and economic analysis. Four units.

3200. MANAGERIAL ACCOUNTING

Applied course with emphasis on the use of accounting information in business decisions. Not accepted as a course in the accounting field of concentration. Prerequisite: One year of accounting. Four units.

3400. PRINCIPLES OF MARKETING

Organization and principal operating aspects of the system of distributing goods and services. Four units.

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.

3610. PERSONNEL MANAGEMENT

Principles and methods of organized personnel work; developing optimum untilization of human resources within the organization; recruitment, selection, training, promotion, transfer, motivation and compensation. Prerequisite: Bus. 3600. Four units.

3840. BUSINESS COMMUNICATIONS AND REPORT WRITING

Study of different types of business communications and practice in specialized business reports. Four units. (Summer Session)

3900. DGS: TYPING TECHNIQUES AND METHODS

Four units. (Summer Session)

4900. INDEPENDENT STUDY

One-four units. (Summer Session)

ECONOMICS

2301. PRINCIPLES OF ECONOMICS

Introduction to economic analysis and operation of the American economy. Four units each.

3000. ECONOMICS OF THE BUSINESS FIRM

The operation of the price system in a free enterprise economy; prices and decision-making. Four units.

DIVISION OF CREATIVE ARTS

CREATIVE ARTS

4800. THE ARTS IN CONTEMPORARY SOCIETY

A survey of the arts as they function in contemporary life with special emphasis on the fine arts and music. May be elected to fulfill creative arts requirement in general education. See General Education. Four units.

1110. INTRODUCTION TO ART

This course is designed to help the student experience and understand the interrelationship of materials, processes and means of expression in the visual and applied arts. Required prerequisite for most art courses. 1 hr. lect., 4 hrs. act. Three units. (Summer Quarter and Summer Session)

1130. DESIGN—THREE DIMENSIONAL

Emphasis on manipulation of three-dimensional media in order to discover their creative potential. Prerequisite: Approval of staff. 1 hr lect., 4 hrs. act. Three units.

2141. DRAWING

Graphic representation through a variety of techniques and media. Emphasis on form, structure, perspective, value, line, proportion. Approval of staff. 1 hr. lect., 4 hrs.. act. Three units.

3211. PAINTING

Emphasis on individual expression and experimentation with varied media such as oil, tempera, casein, ink, collage, chalk. Approval of staff. Prerequisite: Art 1120. 1 hr. lect., 6 hrs. lab. Three units.

3320. ARTS AND CRAFTS FOR CHILDREN

Introduction to art materials, tools and equipment necessary in providing art experiences for children. Prerequisite: Art 1110 or approval of staff. 1 hr. lect., 4 hrs. act. Three units. (Summer Quarter and Summer Session)

3511, 3512. CERAMICS

Emphasis on designing in clay, decorating, glazing, and firing procedures of ceramics. Approval of staff. 1 hr. lect., 6 hrs. lab. Three units. June 21-July 9 and July 12-30.

4231. PAINTING, WATER MEDIA

Transparent and opaque watercolor techniques; creative interpretation of structure and form in relation to line and value. Prerequisite: Consent of instructor. 1 hr. lect., 4 hrs. act. Three units. (Summer Session)

4531. SCULPTURE

Basic techniques and processes involving clay, wood, stone, plaster, and metal. Approval of staff. 1 hr. lect., 6 hrs. lab. Three units.

5921. D.G.S.: WORKSHOP — ELEMENTARY ART

A workshop for teachers and supervisors. Three units. August 9-20. Mr. Arne Randall.

MUSIC

1008. BASIC MUSICIANSHIP

Basic music skills for non-music majors, including singing, conducting, music reading, functional keyboard, playing simple melody and rhythm instruments, and experience with literature through recordings. Required of non-music majors or minors who follow the elementary credential program. 1 hr. lect., 4 hrs. act. Three units.

1211, 1212, 1213. ELEMENTARY CLASS PIANO

Basic keyboard techniques with special application to song materials and simple accompaniments used in the elementary school. Recommended for classroom teachers and for fulfilling basic piano requirements of the music major and minor. Must be taken in sequence. 2 hrs. act. One unit each.

2111. SURVEY OF MUSIC LITERATURE

A basic course in music understanding designed for the person without formal music training. 2111 will emphasize music as a communicative art, stressing music media, periods, and styles. 2112 will emphasize design and forms. Fulfills General Education Creative Arts requirement. No prerequisites. Three units each. (Summer Session)

2212, 2213, 2214. INTERMEDIATE CLASS PIANO

Continuation of 1211, 1212, 1213. Needed by music majors and minors for fulfilling basic piano requirements. Prerequisite: Music 1213 or equivalent. 2 hrs. act. One unit each.

2222. BASIC VOICE

Class instruction in fundamentals of singing. Required of music majors and minors. Open also to other qualified students. May be repeated for credit. Music 2221 prerequisite for others in series. 2 hrs. act. One unit each.

2241. BASIC ORCHESTRAL INSTRUMENTS (WOODWIND)

2251. BASIC ORCHESTRAL INSTRUMENTS (BRASS)

3001, 3002, 3003. ANALYSIS AND COMPOSITION

Analysis of musical structure in representative compositions from the short song form through large cyclic works and contrapuntal forms; creative development of musical ideas into suitable homophonic and contrapuntal compositions. Prerequisite: Music 2003 and 2013 or equivalent. Three units each. 3 quarters.

3500. MUSIC PERFORMANCE ACTIVITIES

The performance of music literature is a most important aspect of training process for the music student. Both music majors and minors are required to participate each quarter in a minimum of at least one music activity. Qualified students who are not music majors or minors are also invited to enroll. Music activity courses may be used to satisfy the general education requirement in creative arts and they provide suitable small unit electives for students with heavy academic programs. They may be repeated for credit. Music 3500 is open to students in lower, upper, and graduate divisions. The following sections are available:

1. Chorus
2. Band

4005. COUNTERPOINT

A study of polyphonic techniques, including melodic construction, imitation, canon, fugal procedures and non-imitative counterpoint; creative development of musical ideas in polyphony. Prerequisite: Music 3003 or equivalent. Three units.

4161. HISTORY OF THE SYMPHONY

A study of the development of the symphony orchestra and its literature through selected works from the 18th, 19th and 20th centuries. Intensive analysis by means of scores and recordings. Prerequisite: a course in music listening or history, or consent of instructor. Three units.

4800. THE ARTS IN CONTEMPORARY SOCIETY

Four units. (See description under Creative Arts listing)

5330. MUSIC IN THE ELEMENTARY SCHOOL

Aims, methods, and organization of materials for elementary classroom music with application to the adopted state music texts. Prerequisites: Music 1008 and 4110 or equivalent competency as determined by Music Department. 2 hrs. lect., 2 hrs. act. Three units.

5920. ELEMENTARY MUSIC WORKSHOP

Designed for both classroom teachers of all grade levels and elementary teachers with special music responsibilities. Will include demonstrations and discussions with respect to all aspects of the elementary school classroom music program with special emphasis on the Kodaly approach to the teaching of rhythm and music reading. This method has been particularly successful with classroom teachers. Three units. July 5-16. Mrs. Mary Helen Richards.

5921. STANFORD MOZART ERA FESTIVAL AND SEMINAR

A study of the music of Mozart and some of his 18th Century contemporaries. The course will consist of 6 evening campus lecture sessions and group attendance at 5 performances of the "Mozart Era Festival" to be held during the summer at Stanford University and featuring Stuttgart Chamber Orchestra and the Milan Opera da Camera. Included in the performances will be Mozart's opera "Cosi fan Tutti." In addition to the course fees, students will be expected to purchase tickets for the five performances. The lectures will be held on six Wednesday evenings beginning June 23 through July 28. The performance dates will be specified later, after the Festival publicizes a final schedule of events; however, they will all fall between the June 23 and July 28 dates. Two-three units. June 23-July 28.

5922. CHORAL MATERIALS WORKSHOP

Three units. July 19-July 30. Dr. Rudolph Saltzer.

SPEECH-DRAMA

1001, 1002. ORAL AND WRITTEN EXPRESSION, I-II

A theory and skills course covering all aspects of rhetoric, with special attention to oral communication, and work in written expression. Special emphasis is on research, organization, clarity, integrity, and delivery. Three units each term.

1003. FUNDAMENTALS OF SPEECH

A general survey of the field of speech and drama, with introductory units in voice and diction, theater, interpretation, and public speaking. Prerequisite to all Speech and Drama courses. Laboratory required for students with special speech problems. Three units.

1010. INTRODUCTION TO THE THEATER

A survey of the world of the drama, with units in stagecraft, production, selection, acting, etc. A required introduction to the field for majors, a survey-appreciation course for others. Can be used to fulfill the Creative Arts (drama) G.E. requirements. Five units.

2310. INTERPRETATIVE READING

A fundamental course devoted to theory, methods, and practice of oral communication of different types of literature. Four units.

2411. ARGUMENTATION AND DEBATE

A course stressing those elements of logic and rhetoric making up responsible argumentative discourse. Practice in parliamentary, legislative, and forensic debating technique. Five units.

4180. REHEARSAL AND PERFORMANCE

Activity course for students participating in acting, staging, and other phases of production of college-theater performances. Admission by consent of instructor. One-three units.

5922. SPEECH ACTIVITIES FOR THE TEACHER

A workship and laboratory of drama, choral speaking, discussion, and presentation activities which may be used in any elementary or secondary classroom. Four units. June 21-July 16. Dr. Robert Martin

5923. THEATRE IN PERFORMANCE

A reading and discussion course which centers around attendance at performances of selected outstanding plays given in the Bay Area; reading and discussion of these plays. Three units. July 5-19 plus 4 theatre performances. Dr. James Costy

5924. WORKSHOP IN BUSINESS SPEECH

Practical application of rhetorical principles, to the daily speech problems of the business executive including work in conference training, speaking, interviewing, and counseling. Meets week ends only. Three units. June 25-July 27. Dr. Robert Martin

DIVISION OF EDUCATION

TEACHER EDUCATION

4021. CHILD GROWTH AND DEVELOPMENT
Growth and development of the child: prenatal through childhood with special attention to the intellectual, social, and personality development in childhood. Influence of the home and school environment. Prerequisite: Basic psychology. (Students interested in becoming elementary school teachers should enroll concurrently in public school laboratory I.) Lect. 3 hrs. Three units. (Summer Session)

4600. STUDENT TEACHING IN THE ELEMENTARY SCHOOLS
Full-time student teaching under the supervision of a public-school teacher and a member of the college faculty in conjunction with a student-teaching seminar. Prerequisites: Full candidacy in elementary-education program and approval of Committee on Credentials. (Concurrent registration in Ed. 4601) Thirteen units.

4601. STUDENT TEACHING SEMINAR—ELEMENTARY SCHOOLS
Weekly conference period required as corequisite with student teaching—Ed. 4600. Two units.

4650. STUDENT TEACHING IN THE SECONDARY SCHOOLS
Full-time student teaching under the supervision of a public-school teacher and a member of the college faculty in conjunction with a student-teaching seminar. Prerequisite: Full candidacy in secondary-education program and approval of Committee on Credentials. (Concurrent registration in Ed. 4651) Thirteen units.

4651. STUDENT TEACHING SEMINAR—SECONDARY SCHOOLS
Weekly conference period required as corequisite with student teaching—Ed. 4650. Two units.

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.) Prerequisites: Ed. 3020 and Ed. 3060, or permission of instructor. Four units. (Summer Session)

5020. PSYCHOLOGICAL FOUNDATIONS OF EDUCATION I
Problems of adolescence as reflected in and influenced by the school-community and society at large; counseling and guidance of secondary school students; analysis of current practices in evaluation useful to the teacher and to the school's pupil personnel services. Prerequisites: Preliminary acceptance into the Standard Teaching Credential program, concurrent registration in Ed. 5030 and Ed. 5264. Three units.

5025. PSYCHOLOGICAL FOUNDATIONS OF EDUCATION II
Research and theory in the teaching-learning process; individual differences and their development; learning theory applied to the teaching of specific school subjects; evaluation of classroom learning; mental hygiene. Prerequisite: Basic Psychology and Child Growth and Development or Adolescent Psychology, or Psychological Foundations of Education I. (Concurrent registration in a public school laboratory or student teaching.) Lect., 3 hrs. Three units.

5030. SOCIOLOGICAL FOUNDATIONS OF EDUCATION I
Cultural historical development of the public schools in the United States; the changing social, political, and economic forces shaping the changing public school. Prerequisite: Admission into the Standard Teaching Credential program. (Concurrent registration in a public school laboratory or student teaching.) Lect., 3 hrs. Three units.

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. Prerequisite: Teaching credential or consent of instructor. Lect., 3 hrs. Three units. (Summer Session)

5100. EVALUATION IN EDUCATION
Principles, techniques, and current practices of evaluation in schools. Relationship to curriculum; current practices in tests and measurements. Lect. 2 hrs., lab. 3 hrs. Three units. (Summer Quarter and Summer Session)

5210. LANGUAGE ARTS WORKSHOP
This course is designed to help the elementary school teacher improve instruction in listening, speaking, reading in the content areas, composition, spelling, and handwriting. Special emphasis will be placed on techniques which aid the teacher in developing critical thinking in students. Offered in Central Contra Costa County. 8:45-12:00 daily; 3 units. June 21-July 2. Dr. D. Hendrickson.

5250. TEACHING RESOURCES IN THE SCHOOL
Identification and review of teaching resources and materials used in school teaching; utilization of audio-visual aids and programmed learning developments in specific subjects; introduction to the college curriculum resources laboratory. Prerequisite: Admission into the Standard Teaching Credential program. (Concurrent registration in a Public School Laboratory course or student teaching.) Lect. 1 hr., act. 2 hrs. Two units.

5251. 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. (Fulfiills credential requirement. No credit for students with prior audio-visual course.) Prerequisite: Teaching experience or permission of instructor. 1 hr. lect., 4 hrs. act. Three units. (Summer Quarter and Summer Session)

5261. PUBLIC SCHOOL LABORATORY

5262. PUBLIC SCHOOL LABORATORY II
Three hours supervised participation in public schools and/or youth agencies for each unit of credit. (Concurrent registrations as required with specific courses.) Lab. I, one unit; Lab. II, two units.

5270. SECONDARY SCHOOL CURRICULUM
Analysis of secondary school curriculum: practices, trends, and issues; roles of the secondary teacher, student, parent, administrator, supervisor, and counselor; current practices and techniques in measurement related to curriculum improvement. Prerequisite: graduate standing and acceptance into the secondary credential program. Four units.

5601. STUDENT TEACHING IN THE ELEMENTARY SCHOOL PHASE I

5651. STUDENT TEACHING IN THE SECONDARY SCHOOL PHASE I
Student teaching under the supervision of a public school teacher and a member of the College faculty. Prerequisite: Candidacy in the credential program and approval of the Committee on Credentials. (Concurrent registrations as required by the department. Normally, the student teaching sequence will cover two quarters.) Phase I, four units. Phase II, five units.

5800 SERIES, ELEMENTARY SCHOOL METHODS BLOCK I AND II

5811. LANGUAGE ARTS IN THE ELEMENTARY SCHOOL I
Curriculum, methods, and resource materials in speaking, listening, spelling, writing.

5821. SOCIAL STUDIES IN THE ELEMENTARY SCHOOL I

Curriculum, resource materials, and methods in scope and sequence of social studies in the elementary school.

5831. READING IN THE ELEMENTARY SCHOOL I

Materials and methods of reading development; emphasis on group and individual techniques. Prerequisite: Admission to course work in the elementary teaching credential program. (Concurrent registration in the series and Public School Lab. III, or student teaching.) Block I — Lect., 3 hrs., act. 6 hrs., six units. Block II — Lect. 3 hrs., three units.

5930. WORKSHOP—IMPROVEMENT OF READING

This workshop will be concerned with reading programs that will provide for individual and group differences and with building effective methods and materials for classroom use. It will include analysis of: (1) Materials and techniques for beginning reading, (2) Pupil reading needs, (3) Phonics, (4) Pupil team learning of word skills, spelling and vocabulary, (5) Comprehension and recall in oral and silent reading, (6) Thinking abilities and study skills.

Activities of the workshop will include lectures, demonstrations, production of materials and plans for classroom use; exhibits and group discussions. Three units. Daily 1:00-4:00 p.m. June 21-July 2

5934. LABORATORY PRACTICE IN CORRECTION OF READING DIFFICULTIES

The laboratory will provide remedial instruction for children with reading difficulties and daily practice in tutoring in clinical situation for thirty teachers who will use materials and techniques adjusted to individual differences. Each teacher will work with one child, tutoring for one hour and leading group remedial activities for one hour daily. The lecture and seminar period will provide workshop members with theory, plans, materials, and practical application of techniques and materials. Six units. Daily — Clinic 9:00-10:00 Seminar, 11:30-1:00. Enrollment limited. June 22-July 17. Dr. Walter McHugh.

5934. WORKSHOP—THE TEACHING OF READING AND STUDY SKILLS IN SECONDARY SCHOOL

Designed for all junior and senior high school teachers of all subjects.

A special seminar and demonstration class designed for all junior and senior high school teachers of *all* subjects who wish to consider how they may help pupils improve their reading and study habits. Discussions and demonstrations of specific practices found effective in remedial and developmental reading as well as methods of teaching reading skills in the various content areas of the secondary school. The course includes lectures on the causes of reading difficulties, how to administer diagnostic tests, informal and standardized. A demonstration class will provide for practical application of methods and materials developed for secondary students who need help in reading. Six units. Clinic 1:30-2:30; Seminar 2:45-4:30. July 5-30. Dr. Florence Hogan.

5931. SEMINAR—COMPENSATORY EDUCATION

June 21-July 8. Three units.

5932. WORKSHOP—CURRICULUM PLANNING IN THE NURSERY SCHOOL, KINDERGARTEN AND PRIMARY GRADES

July 5-30. Six units.

5933. WORKSHOP—CREATIVE AND PRACTICAL WRITING

The workshop will emphasize critical and creative thinking processes applicable to oral and written composition skills necessary to build power in both creative and expository written patterns. Three units. June 21-July 1. Dr. Ruth Carlson.

6020. RESEARCH IN EDUCATION

Methods and procedures of research tools in education; sources and uses of data. Critical analysis of published research. Preparation of a research project to include references, rationale, and outline. Ed. 4100 and course in statistics recommended. Four units.

COUNSELING—PUPIL PERSONNEL

6020. RESEARCH IN EDUCATION

Methods and procedures of research tools in education; sources and uses of data. Critical analysis of published research. Preparation of a research project to include references, rationale, and outline. Ed. 4100 and course in statistics recommended. Four units.

5750. PUPIL PERSONNEL WORK

Basic services included in public school pupil personnel programs. Philosophy, rationale, and basic concepts underlying such services are developed as background for study procedures, techniques, and materials employed by teachers, counselors, and others in providing guidance and related psychologically oriented personnel services. Prerequisite: Teaching experience or consent of instructor. 3 hrs. lect. and 3 hrs. act. Four units. (Summer Session)

6610. PUPIL PERSONNEL SEMINAR

Analysis and application of theoretical constructs to actual situations through case study methods, review and applications of current research and new materials. Prerequisites: Concurrent registration in Field Work and department approval. Two units.

6660. FIELD WORK IN PUPIL PERSONNEL SERVICES

Supervised field work in pupil personnel services in organized program for the various specializations for the pupil personnel services credential. Prerequisite: Approval of department, advance application, concurrent registration. Pupil Personnel Sem. Two units.

6735. EDUCATIONAL AND VOCATIONAL PLANNING

Sources of educational and occupational information; evaluation of such information, and its clinical use in the counseling process. Prerequisite: Ed. 5750. 3 hrs. lect., 3 hrs. lab. Four units.

6746. LEARNING DIFFICULTIES

Diagnosis of learning problems in the major areas of the school curriculum. Identification of resources and programs useful in remediation and in improved techniques of study. Prerequisite: Upper division course work in measurement and learning. 3 hrs. lect., 3 hrs. lab. Four units.

6750. COUNSELING THEORY

Theory and techniques of counseling students. Use of relevant environmental and individual data in facilitating personal decisions and the development of sound educational and vocational plans. Prerequisites: Ed. 5750, Coun. 6735, Coun. 6901. Four units. 3 hrs. lect., 3 hrs. lab.

6862. ADVANCED FIELD WORK IN PUPIL PERSONNEL SERVICES

Application in field settings of advanced clinical skills related to the various areas of concentration in the credential. Prerequisites: Concurrent registration in Coun. 6830, department approval, advance application. Two units each. (Summer Session)

6901. APPRAISAL PROCEDURE

Interpretation and use of standardized tests commonly used in the counseling process. Prerequisite: Ed. 4100, Ed. 5750. 3 hrs. lect., 3 hrs. lab. Four units.

6910. THESIS

Three-Six units.

SCHOOL ADMINISTRATION AND SUPERVISION

5941. WORKSHOP—PROFESSIONAL CONCERNS OF TEACHERS

June 21-July 2. Three units.

5942. WORKSHOP—PERSONNEL RELATIONS, PROFESSIONAL ETHICS AND THE SCHOOL ADMINISTRATOR

July 5-16. Three units. Dr. Arnold Joyal.

5943. WORKSHOP—SECONDARY SCHOOL ACCREDITATION

June 21-25. Three units. Dr. Arnold Joyal.

6000. LEADERSHIP AND SCHOOL ORGANIZATION

Leadership theories and practices in public schools. Legal, fiscal and administrative bases for school organizations. Organizational patterns in California schools. The relationship of local districts to county, state and federal educational agencies. Prerequisite: Graduate standing and two years of teaching experience. Four units.

6200. FOUNDATIONS OF CURRICULUM DEVELOPMENT

Determinants of curricula in elementary and secondary schools. Effects of national goals, state legislation and community forces on curriculum development. Theories and patterns of curriculum organization. K-14 curriculum sequences. Current issues and trends. Prerequisite: SAS 6000 and Department approval. Four units.

6320. PUBLIC SCHOOL SUPERVISION

Principles and techniques of classroom supervision in elementary and secondary schools. Evaluation of teaching, small group processes, human relations and communication skills in working with teachers and other leadership personnel. Prerequisite: SAS 6000, 6200 and Department approval. Four units.

6650. BUSINESS AND LEGAL ASPECTS OF SCHOOL ADMINISTRATION

Practices and problems of school finance, schoolhouse planning and construction, and business management. The legal and financial relationships of local school districts to county, state and federal agencies. Special attention to the provisions of the California Education Code. Prerequisite: SAS 6000 and Department approval. Four units.

6800 SERIES—FIELD WORK IN ADMINISTRATION AND SUPERVISION

6801. FIELD WORK I

6802. FIELD WORK II

Supervised study of a public school problem in administration, curriculum, or supervision. Problem must be of genuine concern to a local district and approved by the superintendent. Student must enroll for a minimum of two quarters. Prerequisite: Completion of all other credential requirements; approval by the Department and the cooperating district. Three units each quarter.

6901. THESIS

3-4-5-6 units.

HEALTH EDUCATION

1000. CONCEPTS OF HEALTH

Analysis of the basic concepts and principles of individual health including the investigation and evaluation of contemporary health problems and information. Meets general education health education requirement. 3 hrs. lect. Three units.

PHYSICAL EDUCATION

1010, 2010, 3010, 4010. BEGINNING ACTIVITY

Instruction in designated physical education activities on the beginning levels. May be repeated for credit. 2 hrs. act. One-half unit.

Golf
Tennis
Volleyball and Soccer

1100. HEALTH AND PHYSICAL ACTIVITY

Analysis and application of the basic concepts of health with particular emphasis on individual fitness and physical activity, including the study of individual health appraisal and problems. Meets general education health education requirement. 2 hrs. lect., 2 hrs. act. Three units.

3200. FUNDAMENTAL MOVEMENT

Fundamental physical skills, self-testing activities, games and sports, and rhythms. Prerequisite: Completion of general education requirements in health and physical education including folk and square dancing. 2 hrs. lect., 2 hrs. act. Three units.

3400. KINESIOLOGY

Study of joint articulation, muscular action, and basic principles of body mechanics as a foundation for the analysis of motor performance in physical education activities, athletics, and physical therapy. Prerequisites: Anat. and Phys. 3301 and 3302 or equivalent. 3 hrs. lect., 2 hrs. lab. Four units.

5910. WORKSHOP—WEIGHT TRAINING AND CONDITIONING

The weight training workshop will include lectures and demonstrations in the following areas: anatomy, physiology and kinesiology of muscle; effect of weight training on the human body and on the individual; weight training terms and exercises; types of weight training programs including weight training for athletics; functional isometric program and the competitive weight lifting program. Recent research in weight training methods and programs will be studied. Three units. June 21 - July 2. Dr. V. Enos.

5911. WORKSHOP IN THE ADMINISTRATION AND COACHING OF INTERSCHOLASTIC FOOTBALL

The workshop will deal primarily with administration and organization of a high school football program. Areas covered will include pre-season planning, in-season planning, and post-season planning. The course will also deal with practice plan, scouting procedures, offensive and defensive theories and fundamental drills. Three units. July 5-16. Dr. V. Enos.

5912. WORKSHOP IN THE ADMINISTRATION AND COACHING OF INTERSCHOLASTIC BASEBALL

Three units. July 10-30. Mr. A. Mathews.

5913. WORKSHOP—ELEMENTARY SCHOOL PHYSICAL EDUCATION

Theme of the workshop "Theory and Analysis of Movement" in the elementary school physical education program. Lecture-demon.-discussions. Development of materials and plans for teacher use. Three units. June 21-July 2. Miss Phyllis Brock.

RECREATION

1000. NATURE AND SCOPE OF RECREATION

The nateure, scope, and significance of recreation, including historical developments; organizational patterns in community recreation. Four units.

4500. TRENDS AND PROBLEMS IN RECREATION

A study of selected trends and problems in recreation, with emphasis on the influence of changing patterns of leisure in contemporary society. Three units.

5000. INTERNSHIP I

Half-time assignment to a public, private or specialized agency (hospital, industry, etc.), under supervision of agency representative and major adviser. Prerequisites: Departmental approval and concurrent registration in Rec. 5001. Six units.

5001. INTERNSHIP SEMINAR

Consideration of problems related to Internship experiences. Prerequisite: concurrent registration in Sec. 5000. Two units.

5002. INTERNSHIP II

Half-time assignment to a public, private or specialized agency (hospital, industry, etc.), under supervision of agency representative and major adviser. Prerequisites: Departmental approval and Rec. 5000 (may be taken concurrently). Eight units.

DIVISION OF HUMANITIES

ENGLISH

1001. EXPOSITORY WRITING
The theory and practice of expository writing. Three units.

1002. EXPOSITION AND RHETORIC
The theory and practice of expository writing. Three units.

1010. INTRODUCTION TO LITERATURE
Studies in prose fiction, verse, and the drama. Five units.

1113. INTRODUCTION TO FICTION
Elements of fiction: a study of plot, characterization, language, and theme. Five units.

1250. READINGS IN SHAKESPEARE
Exposition and discussion, including historical and critical perspectives, of selected plays by Shakespeare. Not open to English majors. Five units.

3020. ADVANCED EXPOSITORY WRITING
Expository writing and analysis in relation to traditional and contemporary theories of composition. Four units.

3250. INTRODUCTION TO SHAKESPEARE
Techniques and conventions of the Elizabethan theater; Shakespeare's comedies, histories and tragedies. Four units.

3400. WORDSWORTH TO SHAW
Romantic, Victorian, and *fin de siecle* poetry and prose; the novel; the drama. Four units.

3650. CONTEMPORARY AMERICAN LITERATURE
Major trends in American literature from World War I to the present. Four units.

3703. WORLD LITERATURE III
Selected writings from the great cultures of the modern world. Four units.

4040. MODERN ENGLISH GRAMMAR
Review of traditional grammar; overview of modern linguistic theories. Five units.

4300. STUDIES IN RESTORATION AND EIGHTEENTH CENTURY LITERATURE
Intensive steudy of the inception and development of the English novel during the Restoration and Eighteenth century. Four units.

4850. INTRODUCTION TO THE NOVEL
Intensive study of selected novels. Maximum total credit six units. Three units.

FOREIGN LANGUAGES

FRENCH

1001. ELEMENTARY FRENCH
Introduction to the reading, writing, understanding, and speaking of French. Four units.

2001. INTERMEDIATE FRENCH
Continuation of 1003, with increased emphasis on the reading and writing of French. Prerequisite: French 1003. Four units.

4101. CONTEMPORARY FRENCH LITERATURE
French fiction, poetry, and criticism from the mid-1880's to the present. Prerequisite: French 2003. Four units.

SPANISH

1001. ELEMENTARY SPANISH
An audio-lingual approach to Spanish, designed to give students skill in understanding, speaking, reading and writing the language. No prerequisite. Four units.

2001. INTERMEDIATE SPANISH
A continuation of Span. 1003 with increased emphasis on audio-lingual facility, written composition and collateral reading. Prerequisite: Span. 1003 or consent of instructor. Four units.

2101. SPANISH CONVERSATION
Practical application of Spanish in present-day experiences. Spanish sounds and intonations; vocabulary building. Prerequisite: Span. 1003 or consent of instructor. Three units.

4902. DGS: CERVANTES' DON QUIXOTE
A study of the scope and meaning of this world literature masterpiece in the context of the social and cultural background of the 16th and 17th centuries' Spain. Four units.

4920. BEGINNING SPANISH FOR ELEMENTARY TEACHERS
This course is aimed at mastering the four basic skills of the language; understanding, speaking, reading and writing. Essentials in grammar, vocabulary, structural patterns, pronunciation and intonation are all presented in a "live" approach. Four units. (Summer Session)

4921. INTERMEDIATE SPANISH FOR ELEMENTARY TEACHERS
Class conducted largely in Spanish. Applied linguistic for the elementary teacher and methodology with use of dialogue and story approach. Continuation of elementary Spanish. Can be taken concurrently with Spanish 4920. Four units. (Summer Session)

5102. SPANISH LANGUAGE AND METHODS FOR ELEMENTARY TEACHERS
Continuation of 5101. Prerequisite: Span. 5101 or consent of instructor. Three units.

HISTORY

1101. HISTORY OF THE UNITED STATES TO 1865
A survey of the development of the American nation from colonial times to the close of the Civil War. (With Hist. 1102 meets statutory requirements in U. S. History and American Institutions.) Four units.

1102. HISTORY OF THE UNITED STATES SINCE 1865
A survey of American history from the Civil War to the present. (With Hist. 1101 meets statutory requirements in U. S. History and American Institutions.) Four units.

2001. INTRODUCTION TO EUROPEAN HISTORY

A general introduction to European History from Ancient Mediterranean times to the Renaissance. Four units.

3400. AMERICAN HISTORY

Political and social history of the United States from colonial times to the present. A survey of the transformation of an agrarian society into a complex industrial-urban order. (Satisfies statutory requirement in U. S. history.) Four units. (Summer Quarter and Summer Session)

3510. HISTORY OF CALIFORNIA

California history from early Spanish occupation to the present, emphasizing the influence of geography, natural resources, and a growing population. Satisfies requirement in California state and local government. Four units. (Summer Quarter and Summer Session)

4160. EUROPE IN THE 19TH CENTURY

From Waterloo to Sarajevo. Development of dominant ideologies. Four units.

4180. EUROPE IN THE 20TH CENTURY

The transformation of traditional European institutions and values in the century of total war. Four units.

4413. RECENT UNITED STATES HISTORY

The United States from 1900 to the present. The Progressive movement, World War I, and the complex problems of the nation as a leading power in the 20th century. Four units.

4512. INTELLECTUAL HISTORY OF U. S. SINCE 1865

The growth of American thought and social patterns of the United States since 1865. Four units.

PHILOSOPHY

1000. INTRODUCTION TO LOGIC

Introduction to traditional formal logic and to the elementary principles of symbolic logic. Four units.

2000. INTRODUCTION TO PHILOSOPHY

Representative interpretations of man's place in the universe, studied through selections from the writings of the great philosophers. Five units.

3001. HISTORY OF WESTERN PHILOSOPHY: ANCIENT AND MEDIEVAL PERIOD

Great philosophical systems and persistent problems in the history of ideas. Four units.

3101. HISTORY OF EASTERN PHILOSOPHY: CLASSICAL INDIAN PHILOSOPHY

Survey of philosophical systems of India and the Far East. Four units.

DIVISION OF SCIENCE AND MATHEMATICS

ANATOMY AND PHYSIOLOGY

3301. ANATOMY AND PHYSIOLOGY

Introducton to structure and function of human systems. Prerequisites: General biology or zoology. Organic chemistry recommended; 3301 prerequisite to 3302. 3 hrs. lect., 3 hrs. lab. Four units each.

ASTRONOMY

1000. DESCRIPTIVE ASTRONOMY

A nonmathematical course with emphasis on aspects of interest to the prospective or in-service teacher. 5 hrs. lect. Five units. (Summer Session)

BIOLOGY

1000. PRINCIPLES OF BIOLOGY

Fundamental structures and functions of living organisms, including cellular organization, nutrition, respiration and photosynthesis, control mechanisms, reproduction, heredity, and evolution. Not open to students having credit for a college course in general biology, botany or zoology. 4 hrs. lect., 3 hrs. lab. Five units.

3300. MICROBIOLOGY

The general biology of major groups of microorganisms including their morphology, metabolism, reproduction, genetics, and ecology. Prerequisites: General biology or botany and zoology, general chemistry; organic chemistry recommended. 4 hrs. lect., 6 hrs. lab. Six units.

3500. EVOLUTION

Historical development of theories on the origin of species, the impact of 20th Century genetics on evolutionary theory; with consideration of the course of evolution. Prerequisite: Genetics. 3 hrs. lect. Three units.

4220. MARINE BIOLOGY

A study of local marine organisms with emphasis on structural and functional adaptations to the sea as a specialized environment. Prerequisite: General biology, or zoology and botany. 2 hrs. lect., 3 hrs. lab., field trips. Three units.

BOTANY

1001. GENERAL BOTANY

An introduction to the fundamental principles of plant life, with major emphasis on the structure, development, and function of seed plants. Prerequisites: Biol. 1000 or equivalent. 2 hrs. lect., 3 hrs. lab. Three units.

4300. PLANT TAXONOMY

Study of the principles of plant taxonomy. Field and laboratory studies of native seed plants. Prerequisite: General botany or equivalent. 2 hrs. lect., 6 hrs. lab., field trips. Four units.

CHEMISTRY

1100. INTRODUCTORY CHEMISTRY

An elementary course covering the fundamental principles of general chemistry. Primarily a general education course for non-science majors. Does not apply as subject credit for majors and minors in the Division of Science and Mathematics. Prerequisite: satisfactory score on math fundamentals test. 3 hrs. lect., 6 hrs. lab., discussion. Five units.

1103. GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS

Fundamental principles of chemistry with emphasis on inorganic compounds. Qualitative analysis is begun during the second quarter. Prerequisites: Satisfactory performance in H.S. chem., two years of H.S. math.; H.S. physics recommended. Placement examination covering H.S. chem. and algebra to determine eligibility; (Chem. 1101 is prerequisite to Chem. 1102; Chem. 1102 is prerequisite to Chem. 1103.) 3 hrs. lect., 6 hrs. lab., problem session. Five units each.

3301. ORGANIC CHEMISTRY

An introduction to general theory of organic chemistry and the chemistry of aliphatic, aromatic and heterocyclic compounds. Emphasis on basic principles and laboratory experience in basic techniques and synthesis. Prerequisite: Chemistry 1103. (Chem. 3301 is prerequisite to Chem. 3302, and Chem. 3302 is prerequisite to Chem. 3303. Students with previous credit in an introductory survey course receive only 3 units of credit for Chem. 3301.) 3 hrs. lect., 6 hrs. lab. Five units each.

CONSERVATION

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. 5 hrs. lect. Five units. (Summer Session)

GEOLOGY

1101. PHYSICAL GEOLOGY

An elementary study of the earth, including materials, structure, internal conditions and physical and chemical processes. Prerequisite: Geol. 1102 must precede or be taken concurrently. 3 hrs. lect., 1 hr. discussion-quiz. Four units.

3201. HISTORICAL GEOLOGY

Evolution of continents, oceans, mountain systems and other features of the earth; development of animals and plants. Prerequisite: Geol. 1101 or equivalent plus Geol. 3202 (may be taken concurrently). 3 hrs. lect., 1 hr. discussion-quiz. Four units.

N.S.F. INSTITUTE IN EARTH SCIENCE

June 28-August 13

GEOL 5101. PRINCIPLES OF EARTH SCIENCE

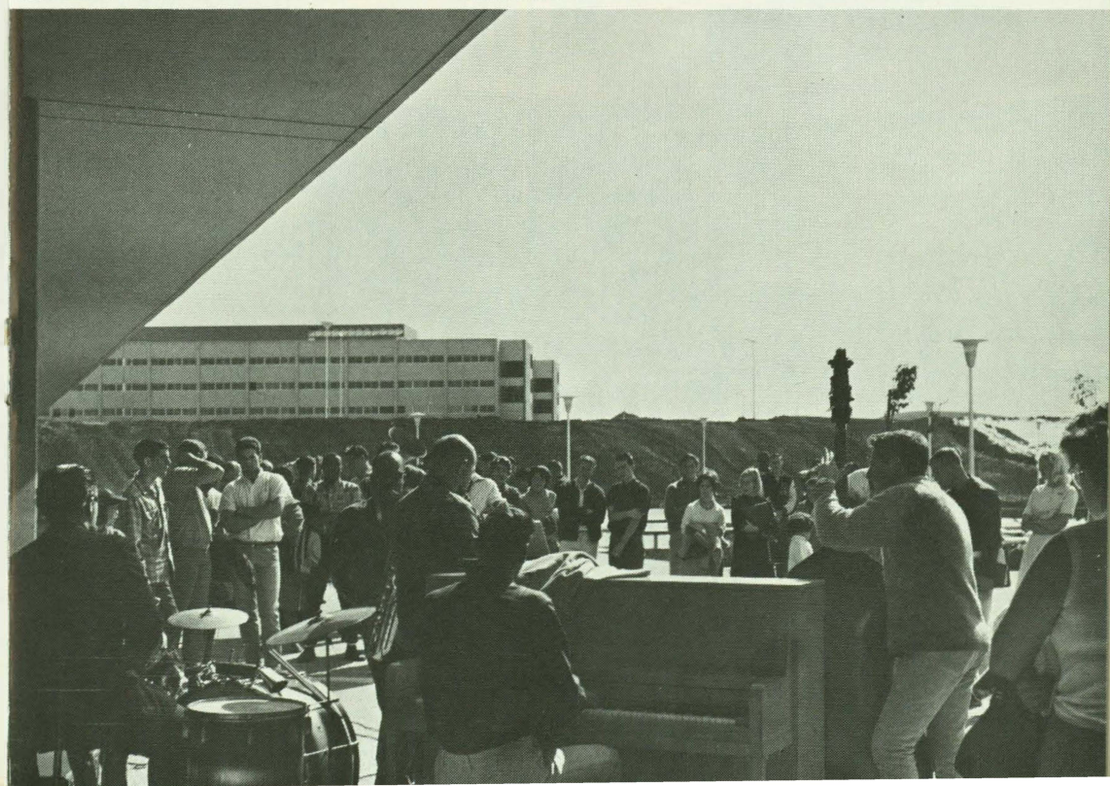
Five units.

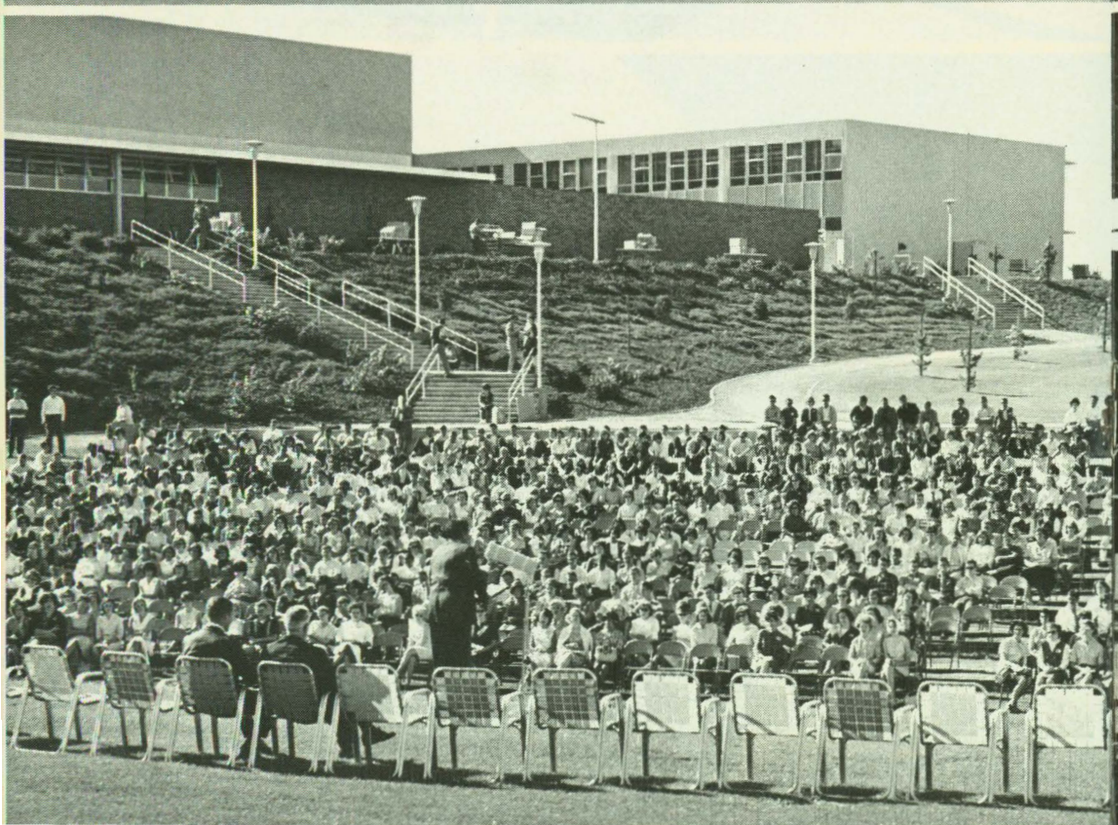
GEOL 5102. EARTH HISTORY AND PALEONTOLOGY

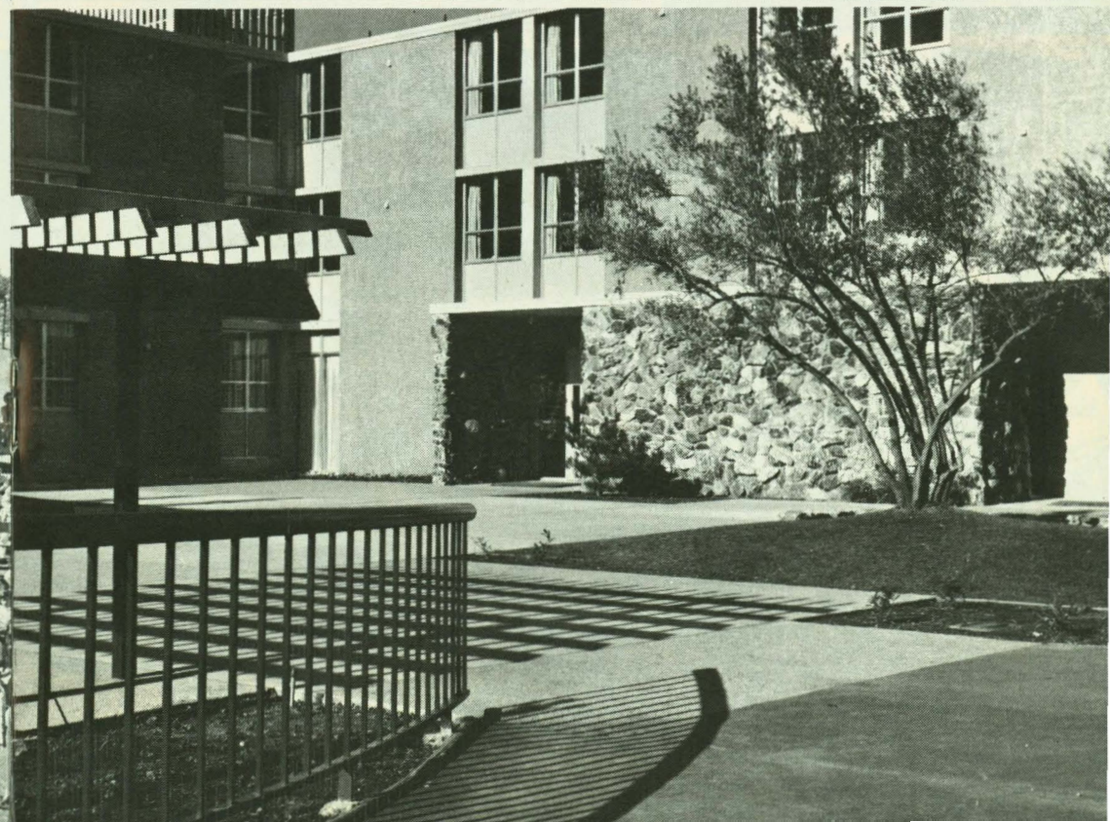
Five units.

The above courses are being offered in the Summer Institute for secondary school teachers. For complete information regarding participation in the Institute write:

Dr. Jon Cummings, Director.







MATHEMATICS

1110. ELEMENTS OF MATHEMATICAL LOGIC
The concept of set. Operations on sets. Relations and functions. The mathematics of declarative sentences. The nature of proof. Will meet general education requirement in mathematics. Four units. (Summer Quarter and Summer Session)

1301. BASIC ANALYSIS
A modern freshman mathematics course combining elements of college algebra and analytic trigonometry with an axiomatic development of the complex number system. Designed to prepare students for standard analytic geometry and calculus sequence. Prerequisite: Intermediate algebra and trigonometry or acceptable score on department placement test. Five units.

1302, 2301, 2302. ANALYTIC GEOMETRY AND CALCULUS
Analytic geometry, differential and integral calculus, with applications. Each course has its predecessor(s) as prerequisite(s). Four units each. Prerequisite for 1302: Math. 1301 or intermediate algebra, trigonometry and acceptable score on department placement test.

2300. REVIEW OF CALCULUS
Comprehensive review of calculus for students who need a refresher course before proceeding to more advanced courses in mathematics. Prerequisite: Math. 2303 or equivalent. Three units. (Credit cannot be granted toward a mathematics major or a bachelor's degree.)

2301, 2302. SEE MATH. 1302

3000. CONCEPTS OF MATHEMATICS
For students planning not to specialize in mathematics or related sciences. Elementary concepts from topics such as set theory, algebra, geometric structures, symbolic logic, computer mathematics. Designed to satisfy general education requirement in mathematics for non-majors. Five units. (Summer Quarter and Summer Session)

3101. FOUNDATIONS OF MATHEMATICS
The nature of mathematics; mathematical logic; axiomatic bases for numbers and number systems; bases of geometrics. Prerequisite to each: Calculus. Four units each.

3121. INTRODUCTORY LINEAR ALGEBRA
Linear transformations and matrices. Algebra of matrices and vectors. Determinants and systems of linear algebraic equations. Applications to geometry, physics, etc. Prerequisites: Two courses in calculus or consent of instructor. Five units.

3331. DIFFERENTIAL EQUATIONS I
First order differential equations and a beginning study of linear differential equations with applications. Prerequisite: Math. 2303. (Not open for credit to students having credit for Math. 3320 or equivalent.) Three units.

3700. INTRODUCTION TO DIGITAL COMPUTER PROGRAMMING
Study of the process of coding of problems for an automatic digital computer with some emphasis on the logical aspects. Prerequisite: One year of college mathematics or consent of instructor. Four units. (Summer Quarter and Summer Session)

4021. STRUCTURES OF ARITHMETIC, ALGEBRA AND GEOMETRY
Definitions, properties, and applications of the various subsets of the set of real numbers; numeration systems; properties of and operations on sets; modular arithmetic; mathematical sentences. Prerequisite: Satisfaction of general education requirement in mathematics and a knowledge of high school algebra and geometry. Four units.

4340. INTRODUCTION TO COMPLEX VARIABLES
Introduction to theory of functions of complex variables. Prerequisite: Math. 3320. Five units.

5101. NUMBERS AND NUMBER SYSTEMS
Study of postulates for, properties of, and operations with the natural and whole numbers, integers, rational and real numbers, with an introduction to complex numbers; the nature of proof. 3 units. (Summer Session)

6120. ALGEBRAIC STRUCTURES
Internal and external laws of composition. Homomorphisms. Groups. Rings and ideals. Structure theorems. Modules. Fields and field extension. Introductory homological algebra. Prerequisite: Consent of instructor. Five units.

MATHEMATICS EDUCATION

4020. TEACHING MATHEMATICS IN ELEMENTARY SCHOOLS
A study of the curriculum, teaching methods and content in elementary school mathematics. Prerequisite: Math. 3000 or Math. 5020 or equivalent, Math. 4021. Three units. (Summer Quarter and Summer Session)

NATURE STUDY

3392. NATURE STUDY
Natural history in the field and laboratory with topics from rocks and minerals, physiographic land forms, fossils, map reading, meteorology, astronomy, early Spring plants and animals. Prerequisite: Basic course in physical science. 2 hrs. lect., 6 hrs. lab. and/or field trips. Four units. (Summer Session)

PHYSICAL SCIENCE

1340. PRINCIPLES OF PHYSICAL SCIENCE
Fundamental principles of physics and chemistry with application to astronomy, meteorology and geology. Not open to students having credit for lower-division courses in chemistry or physics. Prerequisite: High school algebra. 4 hrs. lect., 3 hrs. lab. and problem session. Five units.

1400. 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: Phys. Sci. 3340 or high school physics. Four units. (Summer Session)

PHYSICS

1000. ELEMENTS OF PHYSICS
Introductory survey course in classical and modern physics designed primarily for liberal arts students. Prerequisite: High School algebra and plane geometry. 4 hrs. lect. Four units.

2001. INTRODUCTION TO PHYSICS
Uniform and accelerated motion, force, work, momentum and energy. Temperature, kinetic theory of matter, wave motion. Prerequisite: Math. 1301 or equivalent.

PSYCHOLOGY

2000. GENERAL PSYCHOLOGY I
An introduction to the scientific study of basis processes underlying human and animal behavior: sensation and perception, learning and thinking, motivation and emotion. Four units.

2010. GENERAL PSYCHOLOGY II
A survey of method, content, and theory in the scientific study of behavior. Selected problems of psychology will be viewed in terms of the experiments by which they have been investigated. Prerequisite: Psy. 2000. Four units.

3100. EXPERIMENTAL PSYCHOLOGY I
A laboratory course on the development, design, and execution of psychological experiments and the analysis of data. Problems of psychophysics, sensory and perceptual function, learning, transfer, and forgetting will be dealt with in terms of experimental methodology. Prerequisites: Psy. 2010, Stat. 4001. Five units.

4200. CONDITIONING AND LEARNING
Basic principles and results of conditioning and learning experimentation. Prerequisite: Psy. 3100. Four units.

4340. PERCEPTION
A systematic review of experiments: studies in perceiving the physical world. Perception of size, shape, distance, color and other characteristics of objects. Theories of perception. Prerequisite: Psy. 3100. Four units.

4410. BEHAVIOR PATHOLOGY
The concepts of normality, abnormality, and psychopathology. Symptom syndromes of neurosis, psychosis and other behavioral abnormalities. Methodological problems in the investigation of mental illness and psychotherapy. Prerequisite: Psy. 2010. Four units.

4610. PSYCHOLOGY OF PERSONALITY
Critical review of method, theory and content in the study of personality. Historical development of the field with attention to recent applications of scientific method to problems of personality. Prerequisite: Psy. 5410 or equivalent. Four units. (Summer Session)

4802. RESPONSE PROCESSES AND PSYCHOPHYSICAL METHODS LABORATORY
Selected experiments from psychophysics, perception, vision, audition and olfaction. Experiments will also be designed, executed, analyzed and reported. May be repeated up to three times for credit. Prerequisite: Psy. 3100 and consent of instructor. One-two unit. 3-6 hr. lab.

SCIENCE EDUCATION

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. lect., 3 hrs. lab. Three units. (Summer Quarter and Summer Session)

STATISTICS

1500. ELEMENTS OF PROBABILITY AND STATISTICS
Descriptive statistics; measures of central tendency, variation, correlation. Elementary discrete probability, sampling and sampling distributions. Tests of statistical hypothesis. Role of statistics in scientific research. Prerequisite: One year of high school algebra. 5 units.

ZOOLOGY

1001. GENERAL ZOOLOGY
The comparative anatomy, physiology and behavior of representative invertebrate types adapting them for life in the major environments. Prerequisite: Biol. 1000 or equivalent. 2 hrs. lect., 3 hrs. lab. Three units.

3101. VERTEBRATE ZOOLOGY: COLDBLOODS
The natural history of fishes, amphibians and reptiles including biology, morphology, vlassification, identification and techniques of collecting and preserving specimens with emphasis on western forms. Prerequisite: General zoology or equivalent. 2 hrs. lect., 6 hrs. lab., field trips. Four units.

DIVISION OF SOCIAL AND BEHAVIORAL SCIENCE

ANTHROPOLOGY

1000. INTRODUCTION TO ANTHROPOLOGY
A survey and analysis of man and culture: including archaeology, the physical distinctiveness and evolution of man, races, the influence of language upon culture, and the nature of culture. 3 hrs. lect., 1 hr. discussion. Four units. Offered each quarter.

3000. ANTHROPOLOGY IN THE MODERN WORLD
The relevance of anthropology to contemporary world problems and the great issues of mankind. An advanced level introduction to culture anthropology; not open for credit to students who have taken anthropology 1000 or 2300 or equivalent. 3 hrs. lect., 1 hr. discussion. Four units. (Summer Session)

3500. NORTH AMERICAN INDIANS
Prehistory of the Indians of North America together with some basic principles and methods of archaeology. Prerequisite: Anthro. 2000 or consent of instructor. Four units.

3575. PEOPLES OF AFRICA SOUTH OF SAHARA
Four units.

GEOGRAPHY

1000. INTRODUCTION TO GEOGRAPHY
Aims and methods of geography; analysis of interactions among the physical, biotic, and cultural components which contribute to the regional patterns of the earth's surface. 3 hrs. lect., 2 hrs. activity. Not open to those having Geography 2100 or 2300. Four units.

2300. PRINCIPLES OF CULTURAL GEOGRAPHY
Study of the basic elements of cultural geography, including the types of settlement, land-use patterns, population densities. Prerequisite: Geog. 2100. Required for geography core in Social Science Area major and for geography teaching minor. Four units.

3000. WORLD LAND PROBLEMS
Effect of man's intentional and unintentional modification of his physical environment; the importance of his changing attitudes toward natural resources and landscape; relation of these attitudes to soil, water and air modification and deterioration. Four units.

3510. GEOGRAPHY OF MIDDLE AMERICA
A study of the landforms, climate, vegetation and cultural geography of Latin America. Prerequisite: Geog. 2100 or 2300. Four units.

3550. GEOGRAPHY OF SOUTHEAST ASIA
Study of the Philippines, Indonesia, Malaysia and the mainland countries of Viet Nam, Laos, Cambodia, Thailand and Burma. Prerequisite: Geog. 1000 or 2300 or 3000; or previous course in history or anthropology on the region; or residence in region and consent of instructor. Four units.

JOURNALISM

3211. COLLEGE NEWSPAPER LABORATORY
A laboratory experience with instruction. Class members constitute the staff of the college newspaper. Prerequisite: A college journalistic writing course or consent of instructor. 2 to 6 hrs. lab. One to three units. May be repeated for total of nine units.

3700. HISTORY AND DEVELOPMENT OF THE MASS MEDIA
A study of the historical development of journalism, particularly in the U. S., with special attention to radio and other mass media which have entered the news and information field; their relation to the development of society. No prerequisite. Four units.

4700. PUBLIC OPINION AND THE MASS MEDIA
Critical study of the influence of the mass media upon public opinion; propaganda techniques and their uses; mechanics of polling; examination of editorial policies of representative publications. Four units.

POLITICAL SCIENCE

1201, 1202. AMERICAN POLITICAL INSTITUTIONS
Development of political institutions and ideals in the U. S. from the Puritan community to date. The development of such ideals as freedom, equality and democracy; development of branches of government, political parties and the changing role of government. Meets code requirement of American ideals, U. S. Constitution and California government. Prerequisite to 1202 is 1201. Four units each, total eight units.

2010. INTRODUCTION TO GOVERNMENT
Analysis of political society—legitimacy and social control; relationship of individual to individual and individual to government; concept of state and the nature of government; basic ideas of competing political systems; forms of government; regional and international organizations and relations among states. Four units.

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. Constitution, and in California state and local government. Four units. (Summer Quarter and Summer Session)

3112. AMERICAN LEGISLATURES AND LEGISLATION
Organization and functioning of Congress, state legislatures, local councils and boards with particular attention to California; pressure groups; committee systems; executive-legislative-judicial relations; selected reform proposals. Four units.

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.

4222. GOVERNMENT AND POLITICS OF THE USSR
An analysis of the political ideas and institutions of the USSR: Philosophical foundations; role of Communist Party; organization and functions of government; place of the individual in Soviet Society. Four units. (Summer Sessions)

4310. POLITICAL PARTIES AND PRESSURE GROUPS
An analysis of political parties and pressure groups: History; organization and operation; influence in nominations and elections and upon executive legislative branches of national, California state and local governments. Four units.

4505. AMERICAN FOREIGN POLICY
An analysis of current American foreign policies toward other nations as related to the Good Neighbor Policy, security, containment, and liberation; the problem of foreign policy in American democracy. Four units.

4730. AMERICAN POLITICAL THOUGHT
Analysis of the dominant political theories in the development of American political thought, within the framework of American history and social institutions. Impact of these ideas upon contemporary America. Four units.

SOCIOLOGY

2000. INTRODUCTION TO SOCIOLOGY

The development of culture and personality with emphasis on the impact of groups and institutions on man's social behavior. Four units.

2010. SOCIAL PROBLEMS

Study of social problems in such areas as family life, intergroup and intercultural relations, mental and physical health, crime, economy, government, conservation of natural resources and education. Prerequisite: Soc. 2000 or equivalent. Four units.

3310. CURRENT SOCIOLOGICAL THEORY

Study and critical analysis of the ideas of major sociological thinkers such as Comte, Durkheim, Cooley, Weber, Mead and others. Prerequisite: Soc. 2000; 2010 or equivalent. Four units.

3410. SOCIOLOGY OF THE FAMILY

Study of the family as a social institution with emphasis on marriage and family problems peculiar to modern American urban society. Prerequisite: Soc. 2000; 2010 or equivalent. Four units.

3710. SOCIAL LEGISLATION AND PUBLIC POLICY

The study of the social philosophy of democratic processes as related to legislation affecting social services. The impact of changing cultural values on public policy. Prerequisite: Soc. 2000; 2010 or equivalent. Four units.

3730. JUVENILE DELINQUENCY

Nature and extent of juvenile crime in the United States; relationship of delinquency to socio-economic, racial, and nationality background; social forces in the causation of deviant behavior; study and evaluation of trends in punishment, treatment, and rehabilitation of juvenile offenders. Four units. (Evening Class) (Summer Session)

3910. COMPARATIVE SOCIETY

Structure of the social organization and institutions in different cultural contexts with particular reference to Latin American Society. Comparative study of historical and current differences in Latin American and North American societies as related to ideological, technological and developmental processes. Four units.

3920. CHILD WELFARE

Historical background and current trends toward establishing the rights of children to care and protection. Emphasis upon the relationship between urban-industrial society and the development of public and private responsibility for programs including economic, corrections, adoptions, education, foster care, mental and physical health. Four units. (Summer Session)

5000. TEACHING SOCIAL SCIENCE IN THE SECONDARY SCHOOL

Curriculum, methods, audio-visual techniques, and content in social sciences, grades 7 through junior college. Prerequisite: consent of instructor. Three units.

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Enos, V. Rodney ..... Assistant Professor of Physical Education
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Fox, Frederick A. ..... Assistant Professor of Music
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Giles, John C. ..... Assistant Professor of Physics
Goldstein, Norman N., Jr. ..... Assistant Professor of Science
Gordon, Wesley D. ..... Assistant Professor of Nature Study
Gothberg, John A. ..... Associate Professor of Journalism
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Groody, Tom C. ..... Professor of Biological Science
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Ham, Edward B. ..... Professor of Foreign Languages
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Charles Luckman, LL.D., A.F.D. (1966)
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P. O. Box 145, San Dimas 91773

Theodore Meriam, A.B. (1971)
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Albert J. Ruffo, LL.B., B.S. in E.E. (1971)
1680 Hedding St., San Jose 95113

John E. Carr, B.A. (1965)
611 Lido Park Dr., Newport Beach 92660

Mrs. Philip Conley, B.A. (1972)
3729 Huntington Blvd., Fresno 93702

E. Guy Warren, B.A. (1965)
P. O. Box 59, Hayward 94541

Daniel H. Ridder, B.A. (1967)
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James F. Thacher, A.B., LL.B. (1970)
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SUMMER QUARTER SCHEDULE

June 15 to August 31, 1965

NO.	SEC.	TITLE	UNITS	TIME	DAY
		JUNIOR SYMPOSIUM			
3801	1	Junior Symposium (Lect)	3	10:20-11:10	TTh
3801	1D	Junior Symposium (Disc)	0	11:15-12:05	T
3801	2D	Junior Symposium (Disc)	0	11:15-12:05	Th
3801	3D	Junior Symposium (Disc)	0	10:25-11:15	M
3801	4D	Junior Symposium (Disc)	0	10:25-11:15	W
3801	5D	Junior Symposium (Disc)	0	10:25-11:15	F
1801	1	Senior Symposium	3		
		BUSINESS AND ECONOMICS DIVISION			
		Business			
2251	1	Principles of Accounting I	4	7:35- 8:50	MWF
2252	1	Principles of Accounting II	4	11:50- 1:05	MWF
3111	1	Bus. and Econ. Statistics	4	8:00- 9:40	TTh
3200	1	Managerial Accounting	4	9:00-10:15	MWF
3400	1	Principles of Marketing	4	1:15- 2:55	TTh
3420	1	Sales Analysis and Sales Mgt.	4	10:20-12:00	TTh
3600	1	Principles of Management	4	2:40- 3:55	MWF
3610	1	Personnel Management	4	9:00-10:15	MWF
3620	1	Industrial Administration	4	1:15- 2:30	MWF
		Economics			
2301	1	Principles of Economics I	4	1:15- 2:30	MWF
3000	1	Economics of the Bus. Firm	4	10:25-11:40	MWF
		CREATIVE ART DIVISION			
		Art			
1110	1	Introduction to Art	3	9:00-10:15 arr 30 min.	MWF
1110	2	Introduction to Art	3	7:25- 8:50	MWF
1110	3	Introduction to Art	3	11:50- 1:05	MWF
1130	1	Design—Three Dimensional	3	arr 30 min. 10:20-12:25 arr 50 min.	TTh
2141	1	Drawing	3	10:20-12:25	TTh
3211	1	Painting	3	1:15- 4:25	MW
3320	1	Arts and Crafts for Children	3	1:15- 3:30	MW
4531	1	Sculpture	3	1:15- 4:25	TTh
		Creative Art			
4800	1	Arts in Contemporary Society	4	10:20-12:00	TTh
		Music			
1008	1	Basic Musicianship (non-majors & minors)	3	7:35- 8:50	MWF
1211	1	Elementary Class Piano	1	4:05- 5:20	MW
1212					
1213					
2212	1	Intermediate Class Piano	1	7:35- 8:50	WF
2213					
2214					
2241	1	Basic Orchestra Instr. (woodwind)	1	9:00-10:15	MW
2251	1	Basic Orchestra Instr. (brass)	1	9:00-10:15	MW
3001	1	Analysis and Composition	3	1:15- 2:30	MW
3002					
3003					
3210	1	Applied Music (Piano)	1	Arr.	Arr.
3211	1	Applied Music (Organ)	1	Arr.	Arr.
3220	1	Applied Music (Voice)	1	Arr.	Arr.
3230	1	Applied Music (String)	1	Arr.	Arr.
3240	1	Applied Music (Woodwind)	1	Arr.	Arr.
3250	1	Applied Music (Brass)	1	Arr.	Arr.
3500	1	Music Performance Activities (Chorus)	1	10:25-11:40	MW
3500	1	Music Performance Activities (Band)	1	11:50- 1:05	MW
2222	1	Basic Voice	1	10:20-12:00	T
4005	1	Counterpoint	3	8:00- 9:40	TTh
4800	1	Arts in Contemporary Society (also CA 4800)	4	10:20-12:00	TTh
4161	1	History of the Symphony	3	2:40- 3:55	MW
5330	1	Music in the Elementary School	3	1:15- 2:55	TTh

NO.	SEC.	TITLE	UNITS	TIME	DAY
		Speech Drama			
1001	1	Oral and Written Expression I	3	10:25-11:40	MW
1001	2	Oral and Written Expression I	3	11:50- 1:05	MW
1001	3	Oral and Written Expression I	3	10:20-11:35	TTh
1002	1	Oral and Written Expression II	3	9:00-10:15	MW
1003	1	Fundamentals of Speech	3	9:00-10:15	TTh
1010	1	Introduction to Theatre	5	1:15- 2:05	Daily
2310	1	Interpretative Reading	4	1:15- 2:55	TTh
2411	1	Argumentation and Debate	5	1:15- 3:45	MW
4180	1	Rehearsal and Performance Plus 2-8 hrs. arr.	3	3:00- 4:00	M Arr
		EDUCATION DIVISION			
		Teacher Education			
5020	1	Psych. Foundations of Educ I	3	7:00-10:00 p.m.	T
5025	1	Psych. Foundations of Educ II	3	11:00-12:15 p.m.	TTh
5030	1	Soc. Foundations of Educ I	3	12:30- 1:45 p.m.	TTh
5100	1	Evaluation in Education	3	7:00-10:00 p.m.	W
5250	1	Teaching Resources in the School	2	4:00- 5:30 p.m.	MW
5251	1	Audio-Visual Methods and Materials	3	3:00- 5:05 p.m.	TTh
*5261	1	Public School Lab I	1	10:00-11:00	MWF
*5262	1	Public School Lab II	2	10:00-12:00	MWF
5270	1	Secondary School Curriculum	4	2:00- 4:00 p.m.	MW
**5811	1	Lang. Arts in Elem. School	3	9:00-12:00	MTWTh
**5821	1	Soc. Studies in Elem. School	3	9:00-12:00	MTWTh
**5831	1	Reading in Elem. School	3	9:00-12:00	MTWTh
*4600	1	Student Teaching Elem. School	13	Arr.	Arr.
*4601	1	Student Teaching Seminar—Elem.	2	Arr.	Arr.
*4650	1	Student Teaching Sec. School	13	Arr.	Arr.
*4651	1	Student Teaching Seminar—Sec.	2	Arr.	Arr.
*5601	1	Student Teaching Elem. School, Phase 1	4	Arr.	Arr.
*5651	1	Student Teaching Sec. School, Phase 1	4	Arr.	Arr.
6020	1	Research in Education	4	10:25-11:40 a.m.	MWF
*Departmental Approval required					
**Concurrent egistration in Educ. 5262					
		Counseling and Pupil Personnel			
6020	1	Research in Education	4	10:25-11:40 a.m.	MWF
6610	1	Pupil Personnel Seminar (Field Work)	2	8:00- 8:50 a.m.	TTh
6660	1	Field Work—Pupil Personnel	2	9:00- 1:00	TTh
6660	2	Field Work—Pupil Personnel	2	9:00- 1:00	TTh
6735	1	Educ. and Vocational Planning	4	9:00-10:15	MWF
6750	1	Counseling Theory	4	11:50- 1:05	MWF
6901	1	Appraisal Procedure	4	7:35- 8:50	MWF
6910	1	Thesis	3	Arr.	Arr.
		School Administration and Supervision			
6650	1	Business and Legal Aspects of School Administration	4	3:00- 5:00	TTh
6200	1	Foundations of Curriculum Development	4	2:00- 4:00	MW
6320	1	Public School Supervision	4	1:00- 3:00	TTh
6801-2		Field Work-Adm. and Supervision	3	Arr.	Arr.
6910	1	Thesis	3-6	Arr.	Arr.
		Health and Physical Education			
1000		Concepts of Health	3	10:20-12:00	TTh
1010, 2010, 3010, 4010		Golf	½	11:00-12:00	TTh
		Golf	½	12:00- 1:00	TTh
		Tennis	½	8:00- 9:00	TTh
		Tennis	½	9:00-10:00	TTh
		Tennis	½	1:15- 2:15	TTh
		Volleyball and Soccer	½	9:00-10:00	TTh
3200		Fundamental Movement	3	9:00-10:15	MWF
1100		Health and Physical Activity	3	10:25-11:45	MWF
3400		Kinesiology	4	7:35- 8:50	MTWTh
		Recreation			
1000	1	Nature and Scope of Recreation	4	7:35- 8:50	MWF
4500	1	Trends and Problems in Recreation	3	7:35- 8:50	TTh
5000	1	Internship I	6	Arr.	Arr.
5001	1	Internship Seminar	2	Arr.	Arr.
5002	1	Internship II	8	Arr.	Arr.

NO.	SEC.	TITLE	UNITS	TIME	DAY
		DIVISION OF HUMANITIES			
		English			
1001	1	Expository Writing	3	1:15- 2:30	TTh
1001	2	Expository Writing	3	11:50- 1:05	MW
1002	1	Exposition and Rhetoric	3	9:00-10:15	WF
1002	2	Exposition and Rhetoric	3	11:50- 1:05	WF
1113	1	†Introduction to Fiction	5	10:25-11:30	MTWTh
1250	1	†Readings in Shakespeare	5	1:15- 2:30	TWThF
3020	1	Advanced Expository Writing	4	8:00- 9:40	TTh
3250	1	†Introduction to Shakespeare	4	1:15- 2:55	TTh
3400	1	Wordsworth to Shaw	4	10:25-11:35	MWF
3650	1	†Contemporary American Lit	4	7:35- 8:45	MWF
3703	1	†World Literature III	4	8:00- 9:40	TTh
4040	1	Modern English Grammar	5	10:25-11:30	TWThF
4300	1	Studies in Restoration and 18th Century Literature	4	10:20-12:00	TTh
		French			
1001	1	Elementary French	4	10:25-11:40	MWF
2001	1	Intermediate French	4	11:50- 1:05	MWF
4101	1	Contemporary French Literature	4	2:40- 3:55	MWF
		Spanish			
1001	1	Elementary Spanish	4	1:15- 2:30	MWF
1001	2	Elementary Spanish	4	9:00-10:15	MWF
2001	1	Intermediate Spanish	4	11:50- 1:05	MWF
2101	1	Spanish Conversation	3	10:25-11:40	MWF
4902	1	DGS: Cervantes **Don Quixote**	4	9:00-10:15	MWF
5102	1	Spanish Language and Methods for Elementary Teachers	3	1:15- 2:30	MWF
		History			
1101	1	History of U.S. to 1865	4	11:50- 1:05	MWF
1101	2	History of U.S. to 1865	4	1:15- 2:30	MWF
1102	1	History of U.S. Since 1865	4	9:00-10:15	MWF
1102	2	History of U.S. Since 1865	4	1:15- 2:30	MWF
2001	1	†Intro. to European History	4	8:00- 9:40	TTh
2001	2	†Intro. to European History	4	1:15- 2:55	TTh
3400	1	American History	4	10:20-12:00	TTh
4160	1	†Europe in 19th Century	4	4:05- 5:20	MWF
4180	1	†Europe in 20th Century	4	10:20-12:00	TTh
4413	1	Recent U.S. History	4	7:00- 9:00	TTh
4512	1	†Intellectual Hist. of U.S. Since 1865	4	10:25-11:40	MWF
		Philosophy			
1000	1	Introduction to Logic	4	9:00-10:15	MWF
1000	2	Introduction to Logic	4	10:20-12:00	TTh
2000		Introduction to Philosophy	5	1:05- 2:30	MWF
3001		History of Western Philosophy: Ancient and Medieval Period	4	2:40- 3:55	TTh
3101		History of Eastern Philosophy: Classical Indian Philosophy	4	11:50- 1:05	MWF
		SCIENCE AND MATHEMATICS DIVISION			
		Anatomy and Physiology			
3301	1	†Anatomy and Physiology Lect	4	9:00-10:00	MWF
3301	1L	Anatomy and Physiology Lab	0	2:15- 5:15	W
		Biology			
1000	1	Principles of Biology, Lect	5	10:25-11:35	MWF
1000	1L	Principles of Biology, Lab	0	2:15- 5:15	M
1000	2L	Principles of Biology, Lab	0	2:15- 5:15	T
1000	3L	Principles of Biology, Lab	0	2:15- 5:15	W
1000	4L	Principles of Biology, Lab	0	2:15- 5:15	Th
3300	1	Microbiology Lect	6	9:00-10:10	MWF
3300	1L	Microbiology Lab	0	2:00- 5:00	TTh
3500	1	†Evolution	3	11:40-12:30	MWF
4220	1	Marine Biology	3	8:00- 1:00	Sat

†Course approved to meet the upper division General Education requirement.

NO.	SEC.	TITLE	UNITS	TIME	DAY
		Botany			
1001	1	General Botany, Lect	3	1:15- 2:05	MW
1001	1L	General Botany, Lab	0	2:15- 5:15	M
1001	2L	General Botany, Lab	0	2:15- 5:15	W
4300	1	Plant Taxonomy, Lect and Lab	4	8:00-12:00	TTh
		Chemistry			
1100		Introductory Chemistry	5	9:00-10:00	MWF
1100	1	Introductory Chemistry, Lab		2:00- 5:00	MW
1100	2	Introductory Chemistry, Lab		2:00- 5:00	TTh
1103		General Chemistry	5	9:00-10:00	MWF
1103		General Chemistry, Lab		2:00- 5:00	MW
3301		Organic Chemistry	5	10:25-11:40	MWF
3301		Organic Chemistry, Lab		2:00- 5:00	MW
		Geology			
1101		Physical Geology	5	7:35- 8:50	MWF
1101		Physical Geology, Lab		2:00- 5:00	F
3201		Historical Geology	5	10:25-11:40	MWF
3201		Historical Geology, Lab		2:00- 5:00	W
		Physical Science			
1340		Prin. of Physical Science	5	9:00-10:15	MWF
1340		Prin. of Physical Science, Lab		2:15- 5:15	M
		Physics			
1000	1	Elements of Physics	4	9:00-10:15	MWF
2001		Introduction to Physics	4	10:20-11:45	TTh
2001	1	Introduction to Physics, Lab	0	2:15- 5:15	T
2001	2	Introduction to Physics, Lab	0	2:15- 5:15	Th
		Science Education			
4020	1	Science in Elem. School	3	12:00- 1:00	MW
4020	1L	Science in Elem. School, Lab	0	2:15- 5:15	W
		Zoology			
1001	1	General Zoology	3	1:15- 2:05	MW
1001	1L	General Zoology, Lab	0	2:15- 5:15	M
3101	1	†Vertebrate Zool: Coldbloods	4	1:00- 5:00	F
3101	1L	Vertebrate Zool: Coldbloods, Lab	0	8:00-12:00	TTh
		Mathematics			
1110	1	Elems. of Math Logic	4	1:15- 2:30	MWF
1301	1	Basic Analysis	5	9:00- 1:15	MTWF
1302	1	Anal. Geom. and Calc. I	4	7:35- 8:50	MWF
2300	1	Review of Calculus	3	7:00-10:00	W
2301	1	Anal. Geom. and Calc. III	4	2:40- 3:55	MWF
2302	1	Anal. Geom. and Calc. IV	4	7:35- 8:50	MWF
3000	1	Concepts of Mathematics	5	10:25-11:40	MTWTh
3101	1	Foundations of Math I	4	10:25-11:40	MWF
3121	1	Introductory Linear Algebra	3	7:00-10:00	T
3331	1	Differential Equations I	3	7:00-10:00	W
3700	1	Intro. to Dig. Comp. Prog.	4	1:15- 2:30	MWF
4021	1	Struct. of Arith., Alg. and Geom.	4	11:50- 1:05	MWF
4340	1	Intro. to Complex Vars.	5	9:00-10:00	Daily
6120	1	Algebraic Structures	5	4:30- 6:10	MWF
4020	1	Teaching Math in Elem. Schools	3	8:00- 9:00	MWF
1500	1	Elems. of Prob. and Stat.	5	10:25-11:40	MTWF
		Student Teaching		Arr.	Arr.
		Psychology			
2000	1	General Psychology I	4	9:00-10:15	MWF
2000	2	General Psychology I	4	1:05- 2:30	MWF
2010	1	General Psychology II	4	8:00- 9:40	TTh
4200	1	Conditioning and Learning	4	11:50- 1:05	MWF
4340	1	Perception	4	1:15- 2:30	MWF
4410	1	Behavior Pathology	4	10:20-12:00	TTh
4802		Responses Process Lab	2	10:25-11:40 Plus arr.	MWF

NO.	SEC.	TITLE	UNITS	TIME	DAY
		N.S.F. INSTITUTES FOR SECONDARY TEACHERS			
		June 28 to August 13			
Geol 5101	1	Principles of Earth Science	5	9:00-12:00	
Geol 5102	1	Earth History and Paleontology	5	9:00-12:00 1:00- 4:00	
Institute Courses open to approved applicants only					
		SOCIAL AND BEHAVIORAL SCIENCE DIVISION			
		Anthropology			
1000	1	Introduction to Anthropology	4	10:25-11:40	MW
1000	1D	Introduction to Anthropology	0	1:15- 2:30	M
1000	2D	Introduction to Anthropology	0	1:15- 2:30	W
1000	3D	Introduction to Anthropology	0	9:00-10:15	F
1000	4D	Introduction to Anthropology	0	10:25-11:40	F
1000	5D	Introduction to Anthropology	0	1:15- 2:30	F
3500	1	North American Indians	4	2:40- 3:55	MWF
		Geography			
1000	1	Introduction to Geography	4	11:50- 1:05	MW
1000	1D	Introduction to Geography	0	11:50- 1:05	F
1000	2D	Introduction to Geography	0	1:15- 2:30	Th
2300	1	Principles of Cultural Geography	4	8:00- 9:40	TTh
3000	1	†World Land Problems	4	1:15- 2:30	MWF
3510	1	Geography of Middle America	4	9:00-10:15	MWF
3550	1	Geography of Southeast Asia	4	10:20-12:00	TTh
		Journalism			
3211	1	College Newspaper Lab	3	1:15- 2:30	MWF
3700	1	†History & Development of Mass Media	4	11:50- 1:05	MWF
4700	1	†Public Opinion and Mass Media	4	10:20-12:00	TTh
		Political Science			
1201	1	American Political Institutions	4	8:00- 9:40	TTh
1202	1	American Political Institutions	4	10:25-11:40	MWF
2010	1	Introduction to Government	4	9:00-10:15	MWF
3100	1	American Nat'l, State and Local Gov.	4	1:15- 2:30	MWF
3112	1	American Legislatures and Legislation	4	11:50- 1:05	MWF
3210	1	†Comparative Government	4	2:40- 3:55	MWF
4310	1	†Pol Parties and Pressure Groups	4	9:00-10:15	MWF
4505	1	†American Foreign Policy	4	7:35- 8:50	MWF
4730	1	†American Political Thought	4	1:15- 2:55	TTh
		Sociology			
2000	1	Introduction to Sociology	4	7:35- 8:50	MWF
2000	2	Introduction to Sociology	4	10:25-11:40	MWF
2000	3	Introduction to Sociology	4	2:40- 3:55	MWF
2010	1	Social Problems	4	9:00-10:15	MWF
3310	1	Current Sociological Theory	4	11:50- 1:05	MWF
3410	1	†Sociology of the Family	4	10:25-11:40	MWF
3710	1	Social Legislation and Pub Policy	4	9:00-10:15	MWF
3910	1	Comparative Society	4	1:15- 2:30	MWF
		Social Science			
5000	1	Teaching Soc Sci in Second Sch	3	10:20-12:00	TTh

SUMMER SESSION SCHEDULE

June 21 to July 30, 1965

NO.	SEC.	TITLE	UNITS	TIME	DAY
		BUSINESS AND ECONOMICS DIVISION			
		Business			
3840	1	DGS: Communications and Report Writing	4	7:00-10:00 p.m.	TTh
3900	1	DGS: Typing Techniques and Methods	4	10:20-12:00	Daily
4900		Independent Study	1-4	Arr.	Arr.
		CREATIVE ART DIVISION			
		Art			
1110	1	Introduction to Art	4	10:20-12:00	Daily
3320	1	Arts and Crafts for Children	3	7:30- 8:50 Plus 1 hr. arr.	Daily
3511	1	Ceramics Workshop, June 21-July 9	3	1:15- 5:00 Plus 18 hrs. arr. lab	MTWTh
3512	2	Ceramics Workshop, July 12-July 30	3	1:15- 5:00 Plus 18 hrs. arr. lab	MTWTh
4231	1	Painting: Water Media	3	1:15- 4:45	TTh
5921	1	D.G.S.: Elementary Art, August 9-20	3	7:35-12:00	Daily
		Music			
2111	1	Survey of Music Literature	3	10:25-11:40 a.m.	MW
5920		Elementary Music Workshop, July 5-16	3	1:00- 4:00 p.m.	Daily
5921		Mozart Festival, June 23-July 28	2-3		
5922		Choral Materials Workshop	3		
		Speech and Drama			
5922	1	Speech Activities for the Teacher June 21 to July 16	4	1:30- 4:00 p.m.	MTWTh
5923	1	Theatre in Performance July 5-19 plus 4 performances	3	7:00-10:00 p.m.	MTWTh
5924	1	Workshop in Business Speech June 25 to July 17	3	7:00-10:00 p.m. 8:00-12:00 a.m.	F Sat
		EDUCATION DIVISION			
		Teacher Education			
4021	1	Child Growth and Development	3	7:00- 9:15 p.m.	TTh
5010	1	Contemporary American Educ.	4	7:00-10:00 p.m.	MW
5069	1	Home and School	3	9:00- 9:55 a.m.	Daily
5100	2	Evaluation in Education (place in Contra Costa County to be announced)	4	7:00-10:00 p.m.	MW
**5210	1	Workshop—Language Arts in Elem. School (June 21-July 2) (place in Contra Costa to be announced)	3	8:45-12:00 a.m.	Daily
**5930	1	Workshop in the Improvement of Reading (June 21-July 2)	3	1:00- 4:00 p.m.	Daily
5934	1	Workshop—Laboratory Practice in Correction of Reading Difficulties (June 22-July 17) Clinic Seminar	6	9:00-11:00 a.m. 11:30- 1:00	Daily Daily
5251	1	A-V Methods and Materials	3	7:00-10:00 p.m.	MW
5932	1	Workshop—Curriculum Planning in the Nursery School, Kindergarten and Primary Grades (July 5-30)	6	9:00-12:30	Daily
5910	1	Seminar—Compensatory Education (June 21-July 8)	3	7:00-10:00 p.m.	MWTh
5935	1	Workshop—The Teaching of Reading and Study Skills in Secondary School (July 5-30) Clinic Seminar	6	1:30- 2:30 p.m. 2:45- 4:30 p.m.	Daily Daily
6020	1	Research in Education	4	10:25-11:40	MWF
5933	1	Workshop—Creative and Practical Writing (June 21-July 1)	3	1:00- 4:30 p.m.	Daily

**Students are expected to attend class Monday, June 21.

NO.	SEC.	TITLE	UNITS	TIME	DAY
		Counseling and Pupil Personnel			
5750	1	Pupil Personnel Work	4	7:35- 8:50	Daily
6746	1	Learning Difficulties	4	9:00-10:15	Daily
6862	1	Advanced Field Work	2	Arr.	Arr.
		School Administration and Supervision			
**5941	1	Workshop—Professional Concerns of Teachers (June 21-July 2	3	1:30- 5:00	Daily
5942	1	Workshop—Personnel Relations, Professional Ethics and the School Administrator (July 5-16)	3	1:30- 5:00	Daily
**5943	1	Workshop—Secondary School Accreditation (June 21-25)	2	1:30- 5:00	Daily
6000	1	Leadership and School Organization	4	7:00-10:00 p.m.	TTh
		Physical Education			
**5910	1	Workshop in Weight Training and Conditioning (June 21-July 2)	3	6:30-10:00	MTWTh
5911	1	Workshop in the Administration and Coaching of Interscholastic Football (July 5-July 16)	3	6:30-10:00	MTWTh
5912	1	Workshop in the Administration and Coaching of Interscholastic Baseball (July 19-July 30)	3	6:30-10:00	MTWTh
**5913	1	Workshop in Elem. School Physical Education (June 21-July 2)	3	2:00- 4:45	Daily
		HUMANITIES DIVISION			
		English			
1010	1	†Introduction to Literature	5	7:00- 9:30	MTTh
4850	1	Introduction to Novel	3	1:15- 2:30	TTh
		Spanish			
4920	1	Begin Span for Elem Teachers	4		
4921	1	Interm Span for Elem Teachers	4		
		History			
3400	1	American History	4	2:40- 4:00	MTTh
3510	1	History of California	4	6:45- 9:45	TTh
		SCIENCE AND MATHEMATICS DIVISION			
		Astronomy			
1000		Descriptive Astronomy	5	6:45- 9:25 p.m.	MTTh
		Conservation			
4380		Conservation of Natural Res.	5	10:30-12:00	Daily
		Nature Study			
3392	1	Nature Study	4	1:00- 5:00	TTh
3392	1L	Nature Study, Lab	0	1:00- 5:00	TTh
		Physical Science			
1400		Weather and Climate	4	11:00-12:40	Daily
		Psychology			
4610	1	Psychology of Personality	4	1:15- 2:25	Daily
		Science Education			
4020	1	Science in Elementary School	3	8:00- 9:00	TTh
4020	1L	Science in Elem. School Lab	0	9:00-12:00	T
		Mathematics			
1110	1	Elems. of Math Logic	4	7:35- 8:50	Daily
3000	1	Concepts of Math	5	9:00-10:30	Daily
3700	1	Intro. to Dig. Comp. Program	4	10:45-12:00	Daily
5101	1	Numbers and Number Systems	3	8:00- 9:00	Daily
4020	1	Teaching Math in Elem. Schools	3	9:00-10:00	Daily
		SOCIAL AND BEHAVIORAL SCIENCE DIVISION			
		Anthropology			
3575	1	Peoples of Africa	4	6:45- 9:45	TTh
3000	1	†Anthro in the Modern World	4	6:45- 9:45	MW
		Political Science			
3100	1	American Nat'l, State and Local Gov	4	10:25-11:40	Daily
4222	1	†Government and Politics of USSR	4	1:15- 2:30	Daily
		Sociology			
3730	1	†Juvenile Delinquency	4	6:45- 9:45	MW
3920	1	DGS: Child Welfare	4	6:45- 9:45	TTh

NOTES

CALIFORNIA STATE COLLEGE AT HAYWARD
APPLICATION TO ENROLL — SUMMER 1965

DO NOT WRITE HERE
S SO.....
SSCC.....
CC.....
PR.....
Std. No.....

1. Name.....
(Last) (First) (Middle)

2. Name that will appear on previous education records, if different from above:

.....
(Last) (First) (Middle)

3. Sex: Male..... Female..... 4. Birth date.....
Mo/Date/Yr Age

5. Mailing address .....

..... Phone .....

6. Permanent address .....

7. Marital status: Single..... Married.....

8. Check one: Undergraduate..... Graduate.....

9. I intend to apply the course(s) I take toward:

Major..... Credential.....

10. Name and location of last school attended .....

.....

Date of attendance ..... Degree.....

Are you currently enrolled? (Spring Quarter) Yes..... No.....

If you answered **No,** do you intend to take courses offered in the Summer Quarter, June 15 to August 31? Yes..... No.....

Signature..... Date.....

Your cooperation in completing the following tentative program will assist the College in providing suitable course offerings.

Proposed Schedule — Summer Quarter, June 15 to August 31

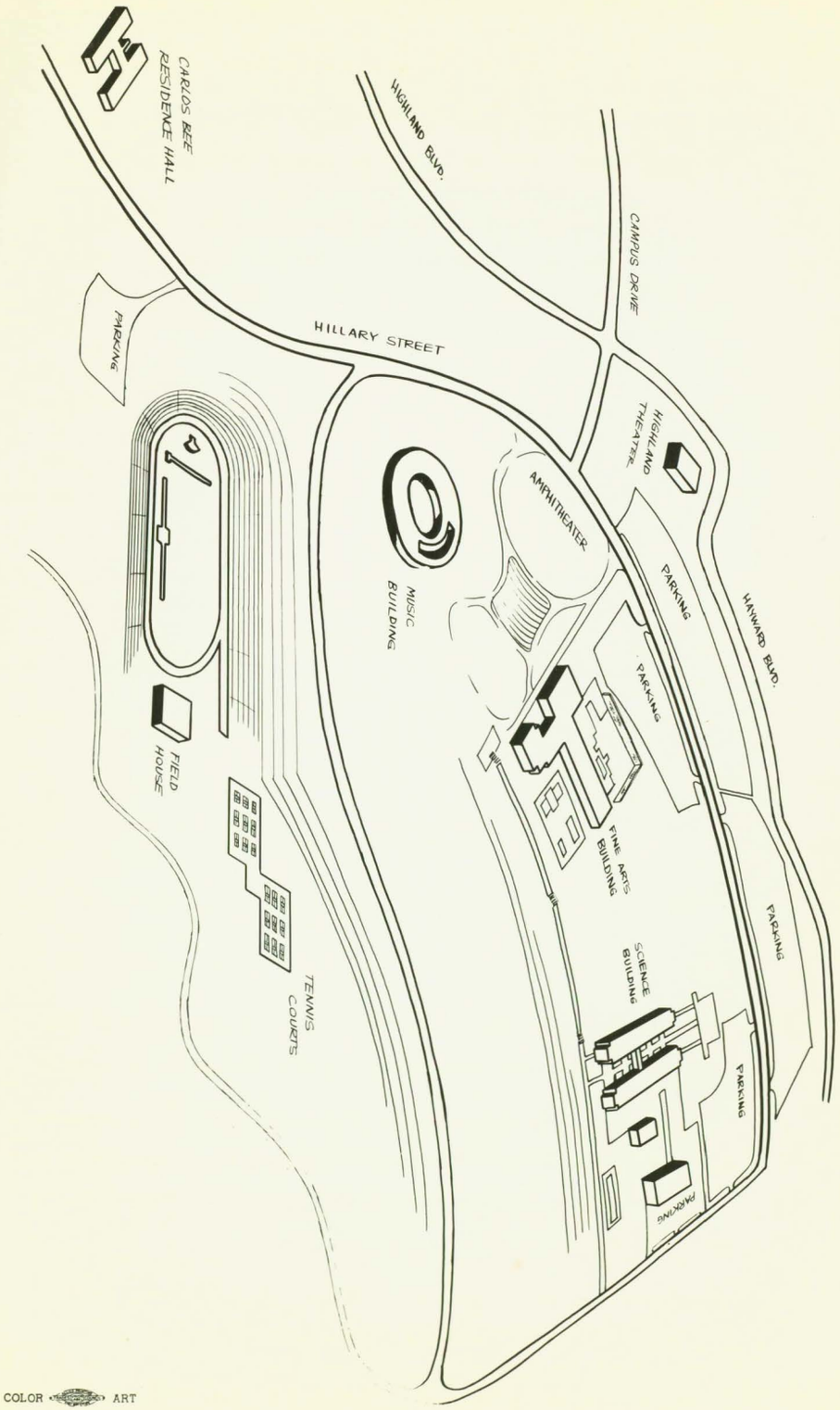
DEPT.	NO.	TITLE	TIME	UNITS

Proposed Schedule — Summer Session, June 21 to July 30

NOTE: Students attending Spring '65 will pre-enroll for Summer Quarter, April 12 to 23. **New** students and returning students will register on June 16.

Students planning to take courses in the Summer Session, six weeks or less, will register June 21. Completion of the above application prior to June 1 will entitle the student to register early on June 21 and thereby minimize delay.

Please complete and return to: Dr. Forrest L. Mayer, Director Summer Programs
California State College at Hayward



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From: DIRECTOR, SUMMER PROGRAMS
California State College at Hayward
25800 Hillary Street
Hayward, California

To

CALIFORNIA STATE COLLEGE
AT HAYWARD LIBRARY
ARCHIVES

CORRECTIONS IN SUMMER QUARTER SCHEDULE - June 15 to Aug. 31

Add Couns 6761 - Field Work in Pupil Personnel Services, 3 units (arranged)

Change Time Hist 4180 - 7:00-9:00pm TTh
Hist 4413 - 1:15-2:55pm TTh
Biol 3500 - 11:50-1:05 MW
Math 1301 - 9:00-10:15 MTWF

Change Day Zool 3101 - Change to Saturday 8-12 not TTh

Approved to Meet Upper Division General Education: Phil 2000, 3001, 3101
Soc 2010

Not Approved to Meet Upper Division General Education: Engl 3250, 3650
Jour 3700

CORRECTIONS IN SUMMER SESSION SCHEDULE - June 21 to July 30

Add Educ 6700 - Adv. Educational Psychology, 4 units, 10:25-11:40 Daily

Drop Educ 6020 - Research in Education (available in Summer Quarter)

Music 5900 - Mozart Festival will be offered for 3 units

Music 5922 - Dates of Choral Materials Workshop, July 19-30

Engl 4850 - Title should read Studies in the Novel

Soc 3730 - Not approved to meet upper division general education

CORRECTIONS - SUMMER QUARTER AND SUMMER SESSION 4/14/65

CHANGES IN COURSES - Summer Quarter, June 15 - August 31, 1965

Bus 3620 - change time to 4:05-5:20pm Econ 2301 - change time to 1:15-2:30pm

Art 1110, Sec. 1 and Sec. 3 - add plus 30 minutes arranged to time schedule
Art 1130 - add plus 50 minutes arranged to time schedule
C A 4800 - 4 units; change time to 10:20-12:00

Add Mus 3210 - Applied Music (piano) 1 unit arr.
Mus 3211 - Applied Music (organ) 1 unit arr.
Mus 3220 - Applied Music (voice) 1 unit arr.
Mus 3230 - Applied Music (string) 1 unit arr.
Mus 3240 - Applied Music (woodwind) 1 unit arr.
Mus 3250 - Applied Music (brass) 1 unit arr.
Educ 4264 - Public School Lab IV, 3 units, 9:00-12:00 daily (added class), July 5-August 6
Coun 6910 - 3 units

Engl 3703 - changed to Engl 2702
Hist 3510 - dropped Hist 4180 change time to 7:00-9:00pm
Hist 4413 - change time to 8:00-9:40
Phil 2000 - change time to 11:50-1:05 Phil 3001 change days to MWF

Biol 3500 - change time and days to 11:50-1:05 MW
ScEd 4020 IL - change time to 2:15-5:15
Zool 3101- time of class, 1:00-5:00 F and 8:00-12:00 Sat.
Chem 3301 - change time to 10:25-11:15
Psych 2000, Sec. 2 - 1:05-2:30 MWF

Symp 4801 - Senior Symposium, 3 units, 11:50-1:05, MW (added class)

Acceptable for Upper Division in General Education :

Hist 2001, Sec 1 & 2	A P 3301
Phil 2000	Soc 2010
Phil 3101	

Not Approved Upper Division General Education Courses
Engl 3250 Engl 3650 Jour 3700 PoSc 4310

Summer Session , June 21-July 30

Add Bus 3850 - Data Processing, 4 units, 6:45-9:45pm MW

Mus 5921 - Mozart Festival, June 23-July 28, 3 units, 6:45-9:45pm W, plus performance dates between workshop dates.
Mus 5922 - Choral Materials Workshop, July 19-30, 3 units, 1:00-4:00 daily

Educ 5100 and Educ 5210 - Classes held at Diablo Valley College
Educ 5233 - changed to Educ 5934--Workshop-Laboratory Practice in Correction of Reading Difficulties (June 22 - July 17)Clin 9:00-11:00 Sem 11:30-1:00
Educ 5932- Workshop-Curriculum Planning in the Nursery School, Kindergarten and Primary Grades (July 5-30)
Educ 5913 - changed to Educ 5935--Workshop-The Teaching of Reading and Study Skills in Secondary School (July 5-30) clinic 1:30-2:30pm, seminar 2:45-4:30
Educ 5933 - Workshop-Creative and Practical Writing
Add Educ 6700 - Advanced Education Psychology, 4 units, 10:25-11:40 Daily
Educ 5910 - dropped
SAS 5941 - dropped SAS 5943 - Workshop-Secondary School Accreditation

P E 5911 - Workshop in the Administration and Coaching of Interscholastic Football
P E 5912 - Workshop in the Administration and Coaching of Interscholastic Baseball
P E 5913 - Workshop in Elementary School Physical Education

Eng 1010 - time of class 7:00-9:30pm MTTh
Eng 4850 - to read Studies in Novel, 1:15-2:30 TTh

Psych 4610 - change time 1:15-2:25
Add Math 5910 - Structures of Arithmetic and Algebra, 5 units, 7:30-8:55am, daily
Math 5101 - dropped
Soc 3730 - days changed to MW (not approved upper division general education course
Soc 3920 - days changed to TTh

An N.S.F. Institute in Mathematics will be held June 21 to July 30. Contact Dr. Southard for details.