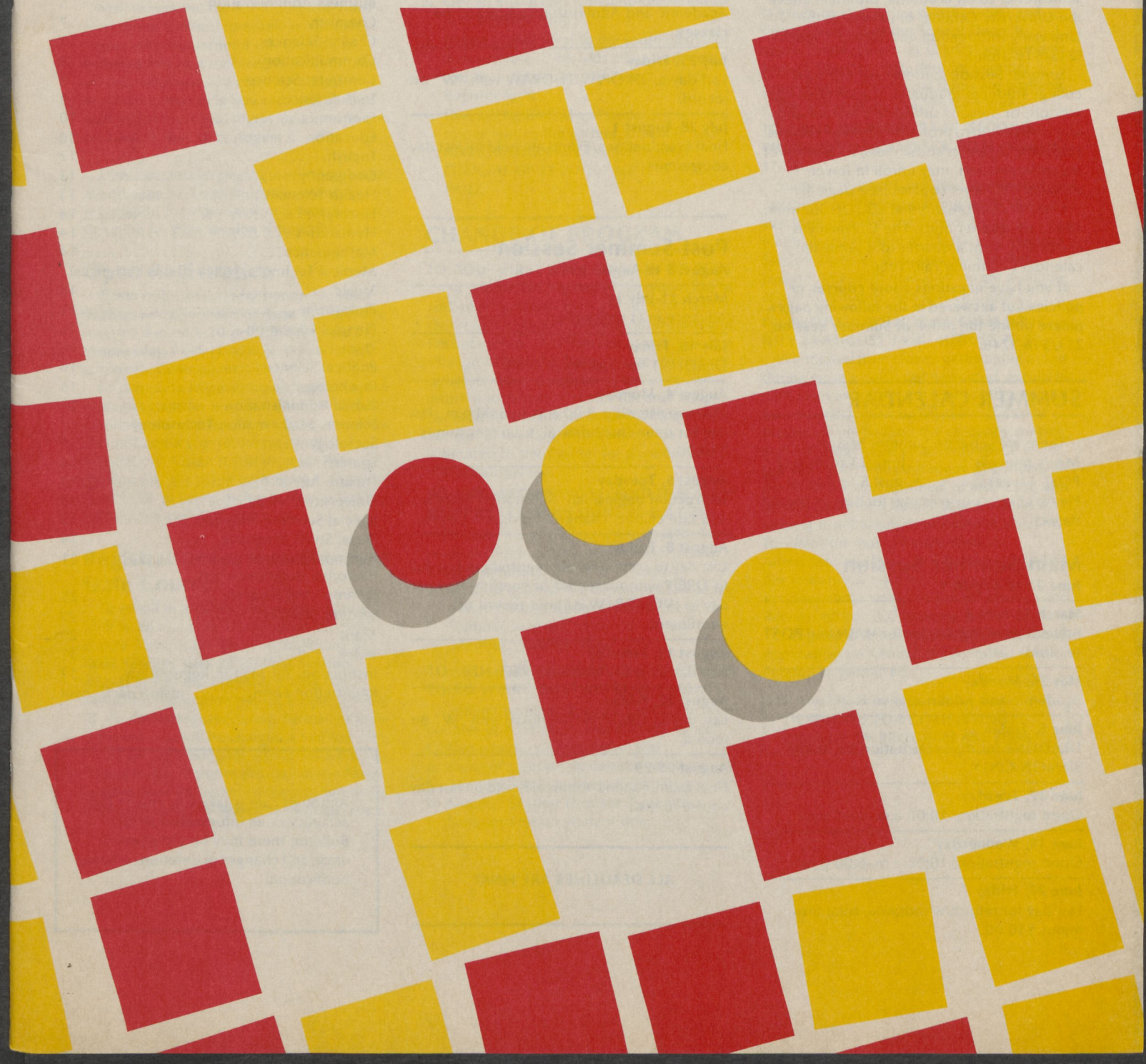


1986

Summer

California State University, Dominguez Hills



Summer '86 at CSU Dominguez Hills

ADMISSION TO SUMMER SESSION

Registration for CSUDH Summer Session classes is relatively simple. Neither formal application to the University nor a transcript is required.

Admission to Summer Session, however, does not constitute admission to the University as a regular CSUDH student. For information about admission to the Fall semester or to an academic program, check the *University Catalog*, or inquire at the University Information and Service Center (213/516-3696).

Summer Session students are normally college students, graduates of accredited high schools, or persons sufficiently mature and knowledgeable to profit from college courses. High school juniors and seniors, with letters of recommendation, may enroll in lower division, 100-level courses (see page 4).

Units or credits earned at CSUDH Summer, 1986, are quarter units. The University is converting from a quarter to a semester calendar beginning Fall, 1986.

If you have questions about courses or policies not answered in the following pages, please phone the office of Summer Session, 213/516-3746.

SUMMER CALENDAR

There are separate Summer Sessions:
MAIN 6 weeks..... June 23 to August 1
POST 4 weeks..... August 5 to August 29
Please check course listings for days or special dates.

Main Summer Session

June 23 to August 1

March 31-June 6

Advance mail registration for **MAIN** and **POST** sessions.

May 26, Monday

Academic and Administrative Holiday.

June 6, Friday

DEADLINE for mail registration for **MAIN** SESSION ONLY.

June 17, Tuesday

Open registration, 10:00 a.m.-6:30 p.m.

June 18, Wednesday

Open registration, 10:00 a.m.-6:00 p.m.

June 20, Friday

Last day for refund/withdrawal, total fees minus \$10.00.

June 23, Monday

Instruction begins; late registration begins, \$25 late charge; change of program begins.

June 27, Friday

Last day to complete late registration; last day to DROP without record of enrollment; last day to WITHDRAW without record of enrollment.

June 27, Friday

Last day to apply for partial REFUND.

July 4, Friday

Academic and Administrative holiday; **no classes.**

July 25, Friday

Last day to DROP/WITHDRAW with "W" on record.

July 28-August 1

Final Examinations. Exams are held on last day course meets.

Post Summer Session

August 5 to August 29

March 31-July 18

Advance mail registration.

July 18, Friday

DEADLINE for mail registration.

August 4, Monday

Open registration, 9:00 a.m. to 6:00 p.m.; last day for refund/withdrawal, total fees minus \$10.00.

August 5, Tuesday

Instruction begins; late registration begins, \$25 late charge; change of program begins.

August 8, Friday

Last day to complete late registration; last day to DROP without record of enrollment; last day to WITHDRAW without record of enrollment.

August 11, Monday

Last day to apply for partial REFUND.

August 22, Friday

Last day to DROP/WITHDRAW with "W" on record.

August 25-29

Final Examinations. Exams are held on last day course meets.

ALL DEADLINES ARE FINAL

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Although care is taken to ensure the accuracy of all information in this *Bulletin*, there may be unintended error, and changes or deletions without notification.

REGISTRATION FOR SUMMER SESSIONS

Mail-In Registration

To attend CSUDH Summer Session, registration for courses must be completed, including payment of fees in full. For your convenience, there are two ways to register and pay fees: 1) advance mail-in registration, and 2) open or in-person registration.

Mail-in registration is the simplest, most convenient method to enroll in summer classes. We recommend this method of enrolling because early registration usually ensures your seat in a class. Also mail-in registration may help you to avoid a late registration fee if you cannot register in person on **June 17 and 18** or **August 4**.

Directions for completing mail-in registration are on page 32. Deadline for receiving mail-in registration for **Main session** is **June 6**, deadline for **Post session** is **July 18**.

Open Registration

Open or in-person registration for **Main Session** will take place on **June 17, Tuesday**, from 10 a.m. to 6:30 p.m. and on **June 18, Wednesday**, from 10 a.m. to 6 p.m. in the University Gymnasium.

To complete in-person registration, please bring payment for fees and CSUDH student identification number, if you have one. (You may not add a course during open registration). Open registration for **Post Session** will take place on **August 4**, Monday, from 9 a.m. to 6 p.m. in the south alcove of the Admissions and Records office.

Registration For Non-Standard Date Courses

To enroll in a non-standard date course (that is, an intensive course or an off-cycle course which starts after the beginning of **Main Session, June 23**, or **Post Session, August 5**) you must register during the stipulated registration period for the session. (If you do not register during the mail or walk-in period, you will be charged a \$25 late fee.) If you are registering for a program which begins earlier than the first day of the **Main Session, June 23**, you must register during the mail-in period, from **March 31** through **June 6**.

Late Registration

A late charge of \$25.00 is assessed for registration on or after the first day of the session, **June 23 (Main)** or **August 5 (Post)**.

1. Before attending first class meeting, pick up *Permit to Late Register* form, in the south alcove of the Admissions and Records office. Hours for late registration are 9:00 a.m.-5:00 p.m., Monday through Thursday, **June 23-26**; Friday, 9:00 a.m.-3:00 p.m., **June 27**.
2. Obtain instructor's signature on Permit to Late Register form.
3. Return signed form to the south alcove of Admissions and Records office by the date and time shown on the Permit to Late Register form.
4. Fees will be verified and student is required to pay fees to the cashier. **COURSE REGISTRATION IS COMPLETE AND OFFICIAL ONLY WHEN ALL FEES ARE PAID.**

CHANGE OF PROGRAM

TO ADD—FIRST WEEK OF MAIN OR POST

If a student has registered but would like to add another class within the same session, report to the main counter of Admissions and Records office (SCC Building 1) and obtain a Change of Program form. Secure instructor's signature on add portion of the form and return it to Admissions and Records front counter. You will be provided with an additional fee card which should be submitted to the Cashier for payment of the additional fee.

TO ADD—BEGINNING SECOND THROUGH FIFTH WEEKS, MAIN (JUNE 30-JULY 25).

Obtain Change of Program form at the front counter of Admissions and Records office. Obtain signature of instructor and

- a. Dean of appropriate department if you are a matriculated student at CSUDH or
- b. Summer Session Director if you are a Summer Session student only.

TO ADD—BEGINNING SECOND THROUGH THIRD WEEKS, POST (AUGUST 11-22).

Obtain Change of Program form at the front counter of Admissions and Records office. Obtain signature of instructor and

- a. Dean of appropriate department if you are a matriculated student at CSUDH or
- b. Summer Session Director if you are a Summer Session student only.

TO DROP OR WITHDRAW—FIRST WEEK

Students may drop a course or withdraw from Summer Session without instructor's signature and without permanent record of enrollment through **June 27, Main Session**, and **August 8, Post Session**. Withdrawal forms are available at the Information and Service Center.

TO DROP OR WITHDRAW—SECOND THROUGH FIFTH WEEKS, MAIN (JUNE 30-JULY 25).

Students must obtain signature of instructor (a grade of W if doing passing work) and signature of either the School Dean, if matriculated student at CSUDH, or Summer Session Director, if student for Summer Session only. Withdrawal forms are available at the Information and Service Center.

TO DROP OR WITHDRAW—SECOND THROUGH THIRD WEEKS, POST (AUGUST 11-22).

Students must obtain signature of instructor (grade of W if doing passing work) and signature of either the School Dean, if matriculated student at CSUDH, or Summer Session Director, if student for Summer Session only. Withdrawal forms are available at the Information and Service Center.

TO DROP OR WITHDRAW EXAM WEEK — JULY 28-AUGUST 1 OR AUGUST 25-29

Withdrawal from classes or dropping a class during exam week is not permitted, except in such cases as accident or serious illness where the circumstances causing the withdrawal or drop is clearly beyond the student's control, and the assignment of an incomplete is not practical. Such requests require a *Petition* with the signature and approval of instructor, and School Dean (or Summer Session Dean if student is not regularly enrolled at CSUDH). This *Petition* must be submitted to Admissions and Records with documentation (for example, a note from a physician). Petitions can be obtained at Admissions and Records office, SCC Building 1.

If eligible for a refund, student must file an Application for Refund of Fees when the Petition is submitted.

DEADLINES FOR COMPLETING CHANGE OF PROGRAM ARE FIRM.

TUITION AND FEES

Tuition is based on a per credit/unit fee.* Tuition for a course is determined by multiplying the number of units the course is worth by \$47.00 in most cases. Some courses have special tuition rates, or an extra laboratory fee. The total credit fee and the lab fee for each course are indicated in the course listing. Full tuition and activity/union fees must be paid at the time of registration. Until total fees are paid, registration is not valid, and students may not be admitted to class.

Auditors pay the same fees as students enrolled for credit.

Checks and money orders are payable to CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS.

TUITION

Per unit, \$47.00, \$67.00 and \$77.00

LABORATORY, MATERIALS OR SPECIAL

FEES: See class schedule for precise amount of fee, if any.

STUDENT ACTIVITY FEE

Pay only once for both sessions.....\$3

STUDENT CENTER FEE

Pay only once for both sessions.....\$5

LATE REGISTRATION FEE

Day instruction begins and thereafter...\$25

CHECK RETURNED

FOR ANY REASON.....\$10

Registration will be cancelled if check is not redeemed by deadline.

*Fee is subject to change without notice by the Trustees of The California State University.

REFUND OF TUITION FEE

Refunds are not automatic, even if the University cancels a scheduled course.

Applications for refund of fees are available in the University Information and Service Center. Completed applications for refund of fees must be received by the Office of Admissions and Records within the time limits prescribed by the State of California Administrative Code which also states the formula for determining the amount of fee (See Title 5 of the Code). The schedule of refunds is subject to change without notice by the Trustees of The California State University.

If a student completely withdraws from Summer Session and files an application for refund before the day the session is scheduled to begin, all tuition and fees; **less a \$10.00 processing fee**, will be refunded.

Students may not apply payment for units in Main Session to units in Post Session; students must apply for refund of Main tuition.

REFUND SCHEDULE

Units	Paid	Prior to First Day of Instruction	First Two Days of Main or Post Session	Any Other Day of First Week	Any Day of Second Week
SIX-WEEK OR MAIN SESSION					
1	\$ 47.00	\$ 37.00	None	None	None
2	94.00	84.00	\$ 47.00	\$ 30.55	\$11.75
3	141.00	131.00	94.00	61.10	23.50
4	188.00	178.00	141.00	91.65	35.25
FOUR-WEEK OR POST SESSION					
1	47.00	37.00	None	None	None
2	94.00	84.00	47.00	30.55	None
3	141.00	131.00	94.00	61.10	None
4	188.00	178.00	141.00	91.65	None
THREE-WEEK SESSION					
1	47.00	37.00	None	None	None
2	94.00	84.00	47.00	30.55	None
3	141.00	131.00	94.00	61.10	None
4	188.00	178.00	141.00	91.65	None
SIX-WEEK OR MAIN SESSION					
1	67.00	57.00	None	None	None
2	134.00	124.00	67.00	43.55	16.75
3	201.00	191.00	134.00	87.10	33.50
4	268.00	258.00	201.00	130.65	50.25
SIX-WEEK OR MAIN SESSION					
1	77.00	67.00	None	None	None
2	154.00	144.00	77.00	50.05	19.25
3	231.00	221.00	154.00	100.10	38.50
4	308.00	298.00	231.00	150.15	57.75
LABORATORY OR ACTIVITY FEE					
	40.00	40.00	20.00	15.00	5.00
	25.00	25.00	12.50	9.38	3.13
	20.00	20.00	10.00	7.50	2.50

PARKING FEES

Parking fees may not be paid during mail registration period. During and after open registration (June 17 and 18), parking decals may be purchased. During the first week of Main session and thereafter, decals may be purchased at the Cashier's office, SCC B135.

PARKING FEE PER VEHICLE

Six weeks	\$13.50
Four weeks	9.00
Three weeks	6.75
Ten weeks	22.50
Two weeks	4.50
Two-wheeled vehicle	5.75
Separate entry (machine)75

PARKING FEE REFUNDS

Written application for parking fee refund will be accepted by the Cashier's office if the form is accompanied by a permit or decal which the University has issued.

PARKING FEE REFUND SCHEDULE

	Paid	First 10 days	Second 10 days	Balance of Session
SIX-WEEK SESSION				
Auto	\$13.50	\$9.00	\$4.00	None
Cycle	5.75	3.75	2.00	None
FOUR-WEEK SESSION				
Auto	\$ 9.00	\$6.00	\$3.00	None
Cycle	5.75	3.75	2.00	None

CSUDH Campus

California State University, Dominguez Hills is located on 346 acres of land once belonging to the historically important Rancho San Pedro, which encompassed most of what is now called the South Bay Area. Rancho San Pedro was established in 1784 by Juan Jose Dominguez as a land grant from the king of Spain.

Today the grounds of CSUDH feature a wilderness preserve, beautiful landscaping, and unique architecture. The campus offers an attractive setting for scholarship.

Summer faculty and staff invite you to select one or two summer courses from the variety of courses, workshops and special summer programs available. We think you'll enjoy spending your summer learning at CSUDH.

Advisement for Summer Courses

Regularly enrolled students may obtain academic advisement for their summer schedules during Spring quarter when faculty and advisors are available. Informal advisement will be available during Walk-In Registration for the Main and Post Sessions. The Office of Summer Session does not provide academic advisement. Many questions are answered in the *University Catalog*, which includes course descriptions and course prerequisites in addition to policies and programs of the University. The *Catalog* is sold at the University Bookstore.

Quarter Unit Equivalency

The 1986 Summer Session is the last CSUDH quarter term. The University will convert to the semester system beginning in Fall, 1986. To calculate quarter unit equivalency to semester credits use this base formula: 1 semester unit equals 1.5 quarter units.

Maximum Credit Load

During the **Main Session**, students may enroll in a maximum of 12 units. During the **Post Session** the maximum is 8 units. Permission to exceed these limits must be requested. Matriculating or regularly enrolled CSUDH students request permission from the Dean of the School who governs their major subject. Those students who are enrolling for summer only or who are not matriculating must request permission from the Director of Summer Session. There are special forms for this request, and these must be completed and submitted at registration. Forms are available at the Office of Summer Session, ERC C508.

Grade Reports and Transcripts

Student performance in each course is reported at the end of the session by one of the following grades (with grade points earned):

GRADE	GRADE POINTS
A Excellent	4.0
AB	3.5
B Very good	3.0
BC	2.5
C Satisfactory	2.0
CD	1.5
D Barely passing	1.0
F Failure	0.0
I Incomplete (not counted in grade average)	0.0
W Withdrawal (not counted in grade average)	0.0
U Unauthorized Withdrawal (counted as units attempted in grade point average)	0.0
RD Report Delayed	0.0

The following grades are to be used for approved courses only.

CR — Credit (not counted in grade average, but units allowed). Undergraduate level only.

NC — No Credit (not counted in grade average, no units allowed).

SP — Satisfactory Progress (credit is deferred until completion of course sequence).

A report of final grades assigned in classes will be mailed to you about two weeks after the end of the session.

A student may obtain an official transcript of enrollment and grades by completing a request for transcript form available at the office of *Admissions and Records*. *This request should be filed no earlier than the last week of the session in which the student is enrolled. Allow at least three weeks after the end of the session for delivery of the transcript copy. A fee of \$4.00 is charged for the first transcript request.* Transcripts are not issued to a student whose record indicates financial obligation to the University.

Grades for nonstandard-date courses, if intensive, will be posted with standard course grades at end of session; grades for off-cycle courses will be posted with Post Session grades.

Credit/No Credit Grading

According to current Credit/No Credit grading procedures, the Credit (CR) grade is the equivalent of an A, B, or C letter grade, and the No Credit (NC) grade is the equivalent of a CD, D, or F. CR/NC grades are recorded on student transcripts. An undergraduate may elect to be graded CR/NC in particular courses, subject to conditions which are described in the *University Catalog*. To receive a Credit/No Credit grade in a Summer Session course (except when the course is graded solely on Credit/No Credit basis), the student must complete the proper card, available at the Admissions and Records counter, and *submit this card to the Office of Admissions and Records by the end of the first week of instruction.*

Final Examinations

Final examinations are administered during the final week the course is scheduled to meet. Usually, the examination is given on the last day the course meets. No adds or drops will be accepted during or after the last week the class meets.

Independent Study

Independent or directed study courses are intended for the regularly enrolled, matriculated student in order to enhance or supplement his/her curriculum. To enroll for independent or directed study, a student must obtain a contract from the Office of Summer Session. This contract must be completed, including signature of Dean, and submitted with student's registration. A student will not be registered for independent or directed study unless a completed contract has been submitted. Only course numbers listed with departments may be used; be sure the correct session and number of units are on the contract. The same registration deadlines and policies apply to independent study.

General Studies

The General Studies program is the nucleus of the undergraduate curriculum at CSUDH, deliberately structured to provide the intellectual and affective foundation required of a well-educated person. One major purpose of the program is to assure that students who enter the University at the lower division level acquire appropriate knowledge, experiences, and skills in the liberal arts and sciences. Another major purpose is to assure that students are not only able to make connections between their general studies work and other course work in the baccalaureate program, but more importantly, are stimulated to pursue life-long education in the liberal arts and science fields. The philosophy underlying General Studies offerings is that they are courses for nonspecialists, presenting subject matter related to the wider context of knowledge and stimulating interest in life-long learning. General Studies courses present breadth, deal with representative concepts, and provide some integration of concepts.

Several of the courses which comprise this curriculum are offered in the Summer Sessions. For an overview of the General Studies program consult the *University Catalog*.

High School Students

Qualified high school students who will enter the junior or senior year in Fall 1986 may be admitted to register for lower division (100 level) courses if the school principal provides the University with a letter of recommendation and if the student's parents approve. The letter should be addressed to the Dean of Extended Education, California State University, Dominguez Hills. Students will pay regular summer fees and the course credit they earn may be applicable to a degree from CSUDH or another institution.

During the regular academic year — fall and spring semesters — qualified high school students may earn college credits at CSUDH by taking university courses. Through a special program called CUE (Concurrent University Enrollment) high school students may take one or two classes per term on our campus. To be admitted as a CUE student, the student must: (1) be a junior or senior, (2) submit a standard CSU application form and high school transcripts and test scores, (3) have completed prerequisite coursework, (4) have the approval of the high school principal and parents. For more information about CUE application forms and fees, call the Coordinator, School and College Relations, 213/516-3699.

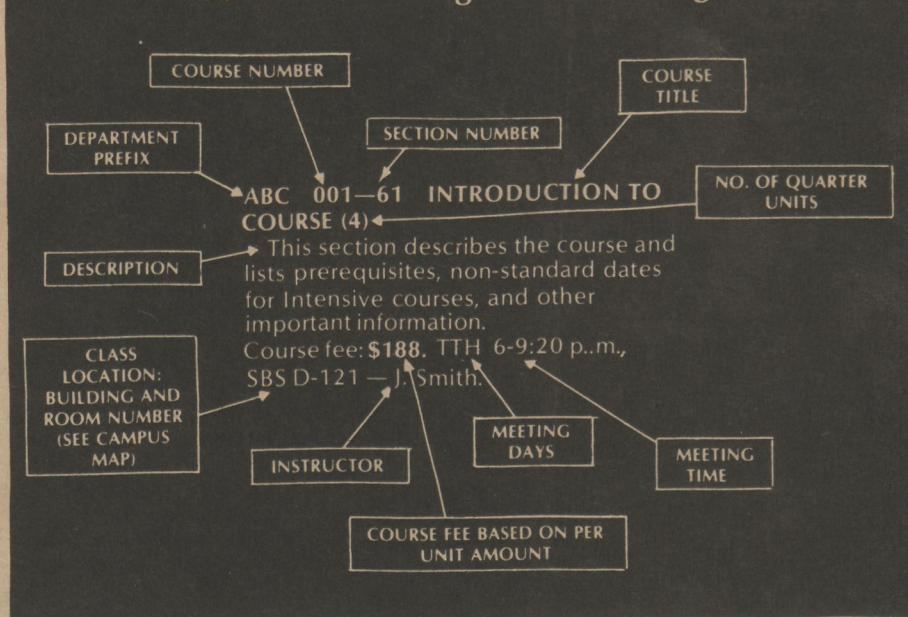
Course Numbering System

The course numbering system for the University is based upon the three-digit number as follows:

000—099	Sub-collegiate courses. Credit is granted for such courses only if equivalent work has not been taken in high school.
100—199	Lower division courses
200—299	Upper division courses
300—399	Upper division or graduate courses
400—499	Graduate courses
700—799	Professional courses

"S" preceding the course number designates special summer course which does not appear in the *University Catalog*.

Guide to Reading Course Listings



Courses of Instruction

Students from other colleges and universities should ascertain from the registrars of their own institutions whether courses taken at California State University, Dominguez Hills will satisfy specific requirements of the institutions in which they are regularly enrolled.

Each course listed in this schedule carries a course number and a section number. The section number is important because it signifies the session in which the course is offered (i.e. "6" for Main, "4" for Post), and if there is more than one section of the course. For instance, if we offer two sections of Business 222 in Main Session, the second section will be numbered: BUS 222-62. Section numbers starting with "1," for example, CHE S202-11, denote courses which begin during the Main Session and continue into the Post. Registration deadlines

for these Off-Cycle courses are the same as for other Main Session courses, unless otherwise indicated in the course descriptions.

Dates for Intensive courses are indicated in individual course listings.

COURSE CANCELLATION AND SCHEDULE CHANGES

The University reserves the right to make changes in this schedule as printed. When enrollment in any class is not sufficient to justify its continuance, the course may be cancelled. Faculty may be reassigned from one section to another to adjust the distribution of enrollment. Meeting times may also be changed when circumstances require.

If the University cancels a class, the student will receive a full refund of fees UPON APPLICATION FOR REFUND. Or student may register in another class in the same session without charge of a late fee.

BEHAVIORAL SCIENCES

Social and Behavioral Sciences B334, 213/516-3435

BEH 480—61 Cross-Cultural Family Values and Behavior (4). Analysis and discussion of cultural factors affecting human behavior in complex societies. Emphasis upon the cultural behavior of the major ethnic groups in the United States as it relates to family organization and critical life choices.

Prerequisite: Graduate standing. Course fee **\$188**. TTh, 6:40-10 p.m., SBS A210. — H. Charnofsky

BEH 497—6 Directed Research (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

BEH 498—6 Directed Reading (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

BIOLOGY

Natural Sciences and Mathematics A124, 213/516-3381

BIO 102—61 General Biology (4). Representative topics in modern biology, emphasizing the present state of knowledge and the major means whereby this knowledge is being expanded. Concurrent enrollment in BIO 102—61 lab required. Course fee **\$188**. MW, 9-11:30 a.m., NSM B252. — R. Giacocie
BIO 102—62 Section 2. MW, 9-11:30 a.m., NSM B252. — R. Giacocie

BIO 102—61L General Biology Laboratory (0). Concurrent enrollment in BIO 102—61 required. Course fee **\$0**. MW, 12 noon-2:30 p.m., NSM B110. — R. Giacocie
BIO 102—62L Section 2. TTh 1-3:30 p.m., NSM B110. — R. Giacocie

BIO 274—61 The Biology of Drug Abuse (4). Introduction to the action of commonly-used drugs of abuse on the human nervous system and to the physiological and behavioral effects which are produced. **Prerequisites:** Biology 105/256 or equivalent. Not open for credit toward the Biology major. Course fee **\$188**. TTh, 9 a.m.-12:20 p.m., NSM D123. — R. Giacocie.

BUSINESS ADMINISTRATION

Social and Behavioral Sciences B306, 213/516-3548

BUS 205—61 Social Responsibility of Business (4). Responsibilities and obligations of the business community to contemporary society. Principles and problem solving techniques as related to major social problems confronting business organizations. Course fee **\$188**. MW, 9 a.m.-12:20 p.m., SBS E126. — B. Tesfay

BUS 290—61 Management Policy (4). An integrating course dealing with problems of management, using actual business cases for analysis and decision-making practice. **Prerequisites:** Senior standing and completion of all other core requirements (lower and upper division). The following three courses may be taken during the same term as Business Administration 290: Finance 245, Finance 280, and Quantitative Methods 223. Priority will be given to graduating seniors. Course fee **\$188**. TTh, 9 a.m.-12:20 p.m., SBS E126. — H. Milgram.

Department of Accounting and Business Law

ACC 130—61 Essentials of Accounting I (4). Preparation and use of accounting data; the accounting process; cases and problems. (Financial Accounting). **Prerequisite:** Fulfillment of the Basic Skills requirement in Quantitative Reasoning, or Mathematics 020, or one year of high school algebra. Course fee **\$188**. MW, 6-9:20 p.m., SBS E126. — M. Auerbach

ACC 131—61 Essentials of Accounting II (4). Continuation of Essentials of Accounting I. (Managerial Accounting). **Prerequisite:** Accounting 130. Course fee **\$188**. MW, 6-9:20 p.m., SBS B215. — D. Barnett

ACC 233—61 Income Taxation I (4). Federal income tax law as related to individuals and sole proprietorships. **Prerequisite:** Accounting 131. Course fee **\$188**. TTh, 6-9:20 p.m., SBS B215. — R. Jaffe

ACC 237—61 Cost Accounting (4). The nature, objectives, and procedure of cost accounting and control; job costing and process costing; standard costs; theories of cost allocation and absorption; uses of cost accounting data for management decision-making. **Prerequisite:** Accounting 131. Course fee **\$188**. MW, 6-9:20 p.m., SBS B209. — C. Chang

LAW 102— Legal Aspects of Business Transactions (4). Analysis of the legal process; functions and operations within a federal system; contracts, sales, agency. Course fee **\$188**. TTh, 6-9:20 p.m., SBS B209. — F. Strier

Department of Finance and Quantitative Methods

FIN 260—61 Business Finance (4). Development of a decision framework for financial management; capital budgeting, trade credit policy, dividend and capital structure policies. **Prerequisites:** Accounting 130, Economics 110, and Mathematics 102. Course fee **\$188**. TTh, 9 a.m.-12:20 p.m., SBS D125. — M. Blyn

FIN 280—61 Economics of the Firm (4). Managerial economics; economic analysis applied to the solution of domestic and international business problems, including demand and cost estimation, pricing, forecasting and market structure. **Prerequisites:** Economics 110 and 111. Course fee **\$188**. MW, 9 a.m.-12:20 p.m., SBS D125. — G. Wang

FIN 463—61 Financial Decision Analysis (4). Application of financial theories and practice to decision-making through the use of cases, problems, and readings. **Prerequisites:** Finance 461 or equivalent; Graduate standing; MBA office approval. Course fee **\$188**. MW, 6:30-9:50 p.m., SBS D125. — R. Ulivi

QMS 222—61 Introduction to Business Statistics (4). Probability theory, probability applications, random sampling; estimation, hypothesis testing, regression, and correlation. **Prerequisite:** Mathematics 102. Course fee **\$188**. MW, 9 a.m.-12:20 p.m., SBS E220. — B. Yavas

QMS 223—61 Introduction to Operations Research (4). Mathematical methods applied to management problems; elementary mathematical optimization models. **Prerequisite:** Quantitative Methods 222. Course fee **\$188**. MW, 1-4:20 p.m., SBS E220. — B. Yavas

Department of Computer Information Services

CIS 170—61 Introduction to Computers and Data Processing (4). Introduction to computer systems with emphasis on the impact of computers and their use; elements of programming. **Prerequisite:** Mathematics 102. Course fee **\$188**. Additional lab fee **\$20**. MWF, 9 a.m.-11:15 a.m., SBS B140. — M. Pine

CIS 172—61 Introduction to COBOL Programming (4). Computer programming for business applications, using the international business programming language COBOL. **Prerequisite:** Computer Information Systems 170. Course fee **\$188**. Additional lab fee **\$20**. MWF, 9-11:15 a.m., SBS B203. — S. Wolfson

Department of Management and Marketing

MGT 210—61 Management and Organizational Theory (4). Integration of classical and behavioral approaches to management with emphasis upon human relations, informal organization, and motivation in both profit and non-profit organizations. Course fee **\$188**. TTh, 9 a.m.-12:20 p.m., SBS B209. — B. Chrispin
MGT 210—62 Section 2, MW, 6:30-9:50 p.m., SBS E 220. — R. Dowling.

MKT 250—61 Elements of Marketing (4). Management of marketing function: decision-making concerning products, distribution channels, pricing and promotion, consumer behavior. **Prerequisites:** Economics 110 and Mathematics 102. Course fee **\$188**. MW, 6:30-9:50 p.m., SBS A204. — J. Kitson

MGT 413—61 Foundations of Human Behavior in Organizations (4). Behavioral correlates of organizations; individual, group, and cultural behavior in relation to the organizational environment and functional fields of administration. **Prerequisites:** Management 410 or equivalent; graduate standing; MBA office approval. Course fee **\$188**. MW, 6:30-9:50 p.m., SBS D121. — R. Nehrbass

MKT 452—61 Marketing Management (4). Strategies and techniques of marketing management; emphasis on decision-making techniques as applied to product, design, distribution, pricing, and promotion; analysis of current marketing issues; international dimensions. Emphasis on the case method. **Prerequisites:** Marketing 451 or equivalent; graduate standing; MBA office approval. Course fee **\$188**. TTh, 6:30-9:50 p.m., SBS A204. — J. Kitson

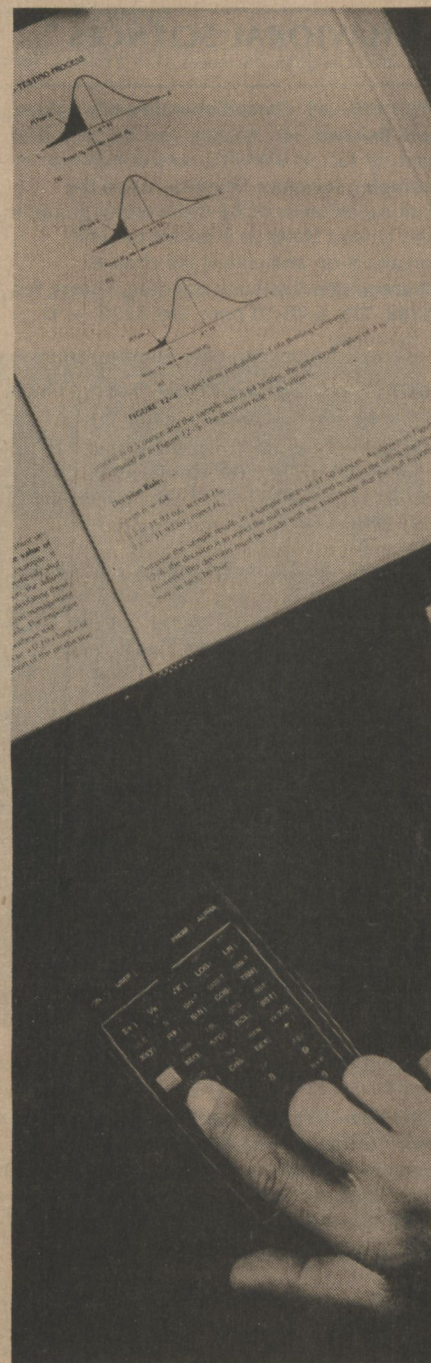
BUSINESS ADMINISTRATION Post Session — August 5 through August 29

FIN 260—41 Business Finance (4). Development of a decision framework for financial management; capital budgeting, trade credit policy, dividend and capital structure policies. **Prerequisites:** Accounting 130, Economics 110, and Mathematics 102. Course fee **\$188**. MWTh, 6:30-9:50 p.m., SBS D125. — R. Ulivi

FIN 483—41 Managerial Economics (4). Application of economic analysis to business decision-making in areas such as demand, cost production and pricing; optimal resource allocation; market structure, behavior, and performance. **Prerequisites:** Quantitative Methods 421 and Economics 401; graduate standing; MBA office approval. Course fee **\$188**. MTTh, 6:30-9:50 p.m., SBS B203. — G. Wang

QMS 211—41 Production Management (4). Analysis of the management function in the production area; methods used in planning, organizing, and controlling production. **Prerequisites:** Management 210 and Quantitative Methods 222. Course fee **\$188**. MTTh, 6:30-9:50 p.m., SBS D121. — E. Chu

QMS 222—41 Introduction to Business Statistics (4). Probability theory, probability applications, random sampling; estimation, hypothesis testing, regression, and correlation. **Prerequisite:** Mathematics 102. Course fee **\$188**. MTTh, 9 a.m.-12:20 p.m., SBS D121. — K. Yoshida



CHEMISTRY

Natural Sciences and Mathematics D331,
213/516-3376

**Pre-Medical/Dental
Organic Chemistry**

June 16 through August 22, 1986

Students must enroll for the entire program through advance registration, either by mail or in person at the Summer Session Office, ERC C508, by June 6, 1986.

Designed for pre-medical and pre-dental students, this ten-week program corresponds to a full year of organic chemistry with lab. The two sequential courses offer 12 quarter units — equivalent to 8 semester units — the required minimum in organic chemistry for professional schools. The course is helpful in preparing for DAT and MACT.

CHE S200—61 Organic Chemistry I (4). A detailed study of organic molecular structure, reaction mechanisms, stereochemistry, and synthesis with emphasis on aliphatic and aromatic systems.

Prerequisite: One year of General Chemistry. Course fee \$188. Intensive course **June 16-July 21**. MTWTh, 10-12 noon, NSM C221. — J. Lyle

CHE S200—62 Section 2. MTWTh, 10-12 noon, NSM C221. — U. de la Camp

CHE S201—61L Organic Chemistry Laboratory I (2). Basic experimental techniques of organic chemistry.

Prerequisite: Enrollment in CHE S200. Course fee \$94. Additional lab fee \$40. Intensive course **June 16-July 17**. MTWTh, 1-4 p.m., NSM C351. — J. Lyle

CHE S201—62L Section 2. MTWTh, 1-4 p.m., NSM C339. — U. de la Camp

CHE S202—11 Organic Chemistry II (4). Continuation of Chemistry 200 with emphasis on the chemistry of organic compounds containing oxygen, nitrogen and sulfur. **Prerequisite:** Chemistry S200. Course fee \$188. Intensive course **July 22-August 22**. MTWTh, 10-12 noon. NSM C221. — J. Lyle.

CHE S202—12 Section 2. MTWTh, 10-12 noon, NSM C221. — U. de la Camp

CHE S203—11L Organic Chemistry Laboratory II (2). Preparation of organic compounds and qualitative organic analysis. **Prerequisite:** CHE S201 and enrollment in CHE S202. Course fee \$94. Additional lab fee \$40. Intensive course **July 22-August 21**. MTWTh, 1-4 p.m., NSM C351. — J. Lyle

CHE S203—12L Section 2. MTWTh, 1-4 p.m., NSM C339. — U. de la Camp

CHE 102—61 Chemistry for the Citizen (4). A non-mathematical treatment of the basic principles of chemistry and their application to various facets of life in a highly technological society. Course fee \$188. MW, 9 a.m.-12:20 p.m., NSM C213. — T. Reilly

CLINICAL SCIENCES

(Formerly Medical Technology)
Student Health Center E105, 213/516-3748

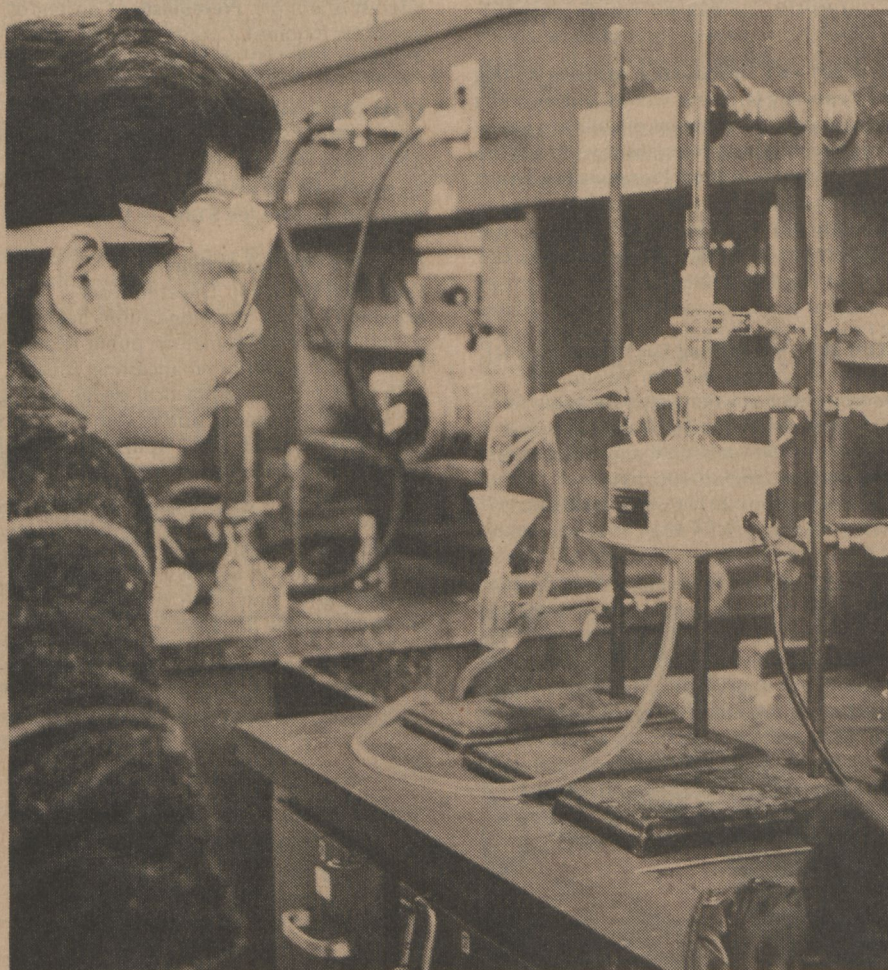
CLS 398—64 Independent Study in Medical Technology (4). Independent study of a particular area of Medical Technology.

Prerequisite: To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Department Chair required. Course fee \$188. — J. Welch

**CLINICAL SCIENCES
Post Session — August 5
through August 29**

CLS 398—44 Independent Study in Medical Technology (4). Independent study of a particular area of Medical Technology.

Prerequisite: To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Department Chair required. Course fee \$188. — J. Welch



COMMUNICATIONS

Humanities and Fine Arts A334, 213/516-3313

COM S130—61 Film Classics (4). Viewing and analysis of selected American and foreign films of the sound era which represent milestones in the development of the cinema. It is expected that occasional filmmakers and performers from the industry will discuss various screenings with the class. Outside screenings required. Course fee **\$188**.

Saturdays, June 28 through August 2, 9:30 a.m.-4:30 p.m., ERC Studio A. — H. Marienthal

COM 200—61 Theories of Communication (4). Introduction to the major theories of communication drawn from data in psychology, sociology, and anthropology. Course fee **\$188**. MW, 5-8:20 p.m. HFA A230. — L. Lee

COM 201—61 Introduction to News Writing and Reporting (4). News writing and reporting techniques. Development of ability to gather news and compose journalistic writing forms for possible publication. **Prerequisites:** Typing 25 WPM and Communications 001. Department Writing Skills exam to be given in class. Course fee **\$188**. MW, 5-8:20 p.m., ERC D134. — M. Davidson

COM 281—61 Writing For TV and Film (4). Practice in script writing for TV and film. Development of writing styles suitable for each of these media. Emphasis on formal distinctions between aural and visual media. **Prerequisites:** English 100-101 or Communications 201. Course fee **\$188**. MW, 1-4:20 p.m., HFA A324. — H. Marienthal

COM 287—61 TV Production Workshop (4). Production of news, public affairs, and entertainment programs on campus television facilities. Each student is required to produce and direct a program segment for possible use on cable TV. **Prerequisites:** COM 283, 284, 285, 286, and written consent of instructor. *Students will be asked to purchase videotape and to make their own travel arrangements.* Course fee **\$188**. TTh, 2:30-5:50 p.m., ERC H120. — G. Vinovich

COM 290—61 Special Topic: Effects Of Mass Media (4). Analysis, with examples from motion picture, television, and radio, of the major psychological and sociological effects of contemporary mass media on modern society. Examination of controversial issues such as violence, pornography, sexism, and subliminal advertising in the media. Course fee **\$188**. TTh, 6:30-9:50 p.m., HFA A324. — G. Vinovich

COM 290—62 Special Topic: Freelance Article Writing (4). Intensive practical instruction in the researching, writing and marketing of articles of the type now being purchased by national and regional magazines as well as major metropolitan newspapers. Each student will prepare at least one potentially publishable article as well as a "query" letter designed to provoke the interest of editors. **Prerequisite:** Consent of instructor required. Course fee **\$188**. MW, 1-4:20 p.m., ERC D134. — M. Davidson

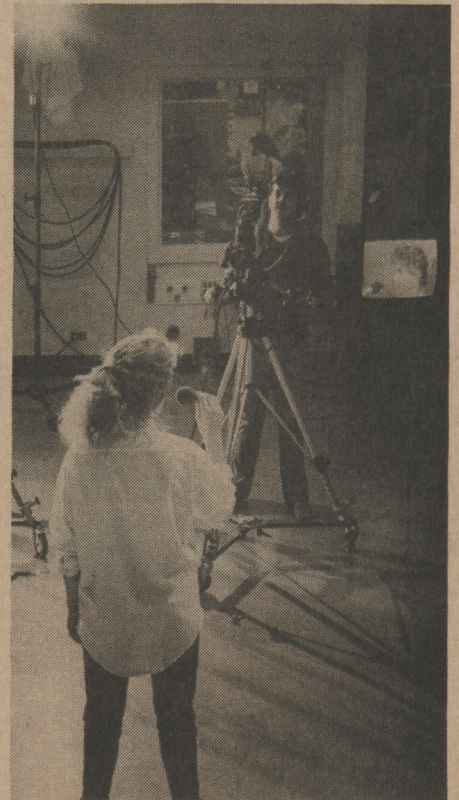
COM 298—64 Independent Study (4). Independent Student in any relevant subject area under the direction of the instructor. Signatures of the instructor and Dean required. Course fee **\$188**. — L. Lee

COM 299—61 Internships in Communications (4). Directed work experience in the communications field — in print or electronic journalism, public relations or advertising, film or broadcasting. Ideally, such work provides a practical bridge linking the student's academic studies with the world of work. A minimum of 12 hours per week of supervised work experience off campus under the direction of a professionally qualified mentor. **Prerequisite:** Completion of a minimum of 32 upper division units in the student's major, or approval of department. Graded CR/NC only. Days and time to be arranged. Course fee **\$188**. — L. Lee

COMMUNICATIONS Post Session — August 5 through August 29

COM 290—41 Special Topics In Communications: Public Relations Practicum (4). Planning and implementation of individual public relations projects for selected campus and/or community non-profit agencies. Students planning to register should bring two or more brief project descriptions to first class. **Prerequisites:** Course in Introduction to Public Relations plus additional academic or practical experiences. Course fee **\$188**. MWF, 1-4:20 p.m., HFA A324. — D. Safer

COM 290—42 Special Topics In Communications: Organizational Communications Media (4). Newsletters and other organizational communications media. The choice and preparation of such media tailored to optimize communications and implement managerial functions of information, education, coordination, command, persuasion, and feedback. Course fee **\$188**. MWF, 6:30-9:50 p.m., HFA A324. — D. Safer



COMPUTER SCIENCE

Natural Sciences and Mathematics A132,
213/516-3376

CSC 112—61 Introduction to Computers and Basic Programming (4). Introduction to computing, with particular emphasis on small systems, through programming in the BASIC language. Course fee **\$188**. Additional lab fee **\$20**. MW, 9-12:20 p.m., SBS B110. — K. Lee
CSC 112—62 Section 2. TTh, 9 a.m.-12:20 p.m., SCC E139. — W. Ryder
CSC 112—63 Section 3. TTh, 6:30-9:50 p.m., SBS B140. — S. Pierce

CSC 150—61 Computer Programming in PASCAL (4). Introduction to computer programming emphasizing structured programming using the PASCAL language. **Prerequisite:** Recommended Computer Science 112. Course fee **\$188**. Additional lab fee **\$20**. MW, 9 a.m.-12:20 p.m., SBS D121. — L. Larmore

CSC 150—62 Section 2. MW, 6:30-9:50 p.m., SBS B110. — C. Williams

CSC 160—61 Computer Programming in FORTRAN (4). Programming digital computers using FORTRAN IV to solve simple numeric and non-numeric problems. **Prerequisite:** Recommended Computer Science 112. Course fee **\$188**. Additional lab fee **\$20**. TTh, 6:30-9:50 p.m., SBS B143. — L. Larmore

CSC 162—61 Assembly Language Programming (4). Programming problems in assembly language; writing and using macros; features of modern computer hardware and operating systems. **Prerequisite:** One course in programming. Course fee **\$188**. Additional lab fee **\$20**. MW, 9 a.m.-12:20 p.m., SBS B209. — A. Cravetz

CSC 162—62 Section 2. TTh, 6:30-9:50 p.m., SBS B110. — A. Cravetz

CSC 200—61 Survey of Programming Concepts (4). Methods of computer solution of a wide variety of non-numeric problems. Topics include searching, sorting, linked lists, trees, recursion, random numbers, and simulation, as well as general programming methodology. **Prerequisite:** Computer Science 150. Course fee **\$188**. Additional lab fee **\$20**. TTh, 9 a.m.-12:20 p.m., NSM C213. — F. Chimenti

CSC 200—62 Section 2. MW, 6:30-9:50 p.m., SBS E216. — Staff

CSC 210—61 Data Structures (4). More advanced and detailed treatment of concepts of data organization introduced in Computer Science 200, including lists, trees, graphs, and storage allocation and collection. Applications to such areas as symbol tables, string search, and optimization. **Prerequisite:** Computer Science 200. Course fee **\$188**. TTh, 9 a.m.-12:20 p.m., SBS D121. — L. Larmore

CSC 220—61 Programming Languages I (4). A comparative study of programming languages, citing examples from such languages as ALGOL 60 and 68, PL/I, LISP, SNOBOL, and APL. Formal description of languages. Characteristic programming assignments in selected languages.

Prerequisite: Computer Science 200. Course fee **\$188**. Additional lab fee **\$20**. MW, 9 a.m.-12:20 p.m., SBS B143 — R. Huddleston

CSC 230—61 Computer Organization I (4). Structure of the modern digital computer. Introduction to Boolean algebra and logical design of digital circuits. Arithmetic, control, storage and input-output systems.

Prerequisite: Computer Science 162; Mathematics 160 recommended. Course fee **\$188**. TTh, 9 a.m.-12:20 p.m., SBS D215. — C. Williams

CSC 240—61 Operating Systems I (4). Overall structure of batch and time-shared operating systems. Scheduling of jobs, CPU, and I/O devices. Pages and segmented memory management. I/O programming and file handling. Synchronization of concurrent processes. **Prerequisite:** CSC 230 and CSC 200. Course fee **\$188**. Additional lab fee **\$20**. MW, 6:30-9:50 p.m., SBS B140. — W. Bond

CSC 250—61 File Processing (4). Methods of constructing and processing files of information. Emphasis on the relationships between file organizations, processing options, and supporting devices and the analytical techniques necessary to make an intelligent choice among these alternatives.

Prerequisite: CSC 200. Course fee **\$188**. Additional lab fee **\$20**. MW, 6:30-9:50 p.m., SBS B143. — W. Ryder

See also: CIS 170—61, CIS 172—61; EDU 442—61; EDU 443—61; SMT 100—61; SMT 100—62.

EARTH SCIENCES

Natural Sciences and Mathematics NSM B202,
213/516-3376

EAR 100—61 Introduction to Earth Sciences (4). Consideration of the major theories regarding the nature of the solid earth, atmosphere and the place of the earth in the universe. Analysis of geophysical and geochemical studies in the earth sciences. Course fee **\$188**. TTh, 9 a.m.-12:20 p.m., NSM B252. — S. Day

EAR 294—61 Directed Study: Geological Excursion to Arizona and Utah (2). This course provides an opportunity to study the classic geology of the American Southwest. Participants will visit Oak Creek Canyon, Grand Canyon, Monument Valley, Natural Bridges, Capitol Reef, Bryce Canyon and Zion National Park. The group will examine rock outcrops, discuss the geology, search for fossils, and take photographs of the matchless scenery. Short hikes will be taken at some of the sites.

Participants will camp out in the National Parks and cook most of the meals as a group. Transportation is available for up to 12 students. Students may provide their own transportation. Sleeping bags, tents, cameras, film and personal field gear must be provided by the students. A general fund will be established to purchase food and to cover group expenses, ranging from \$100 to \$150 per person above the Summer course fees.

Organizational meetings will be held on MAY 5 AND JUNE 16 to plan logistics and assignments. The orientation meetings will be held in the Geology Lab, NSM B234, 6 p.m. **Prerequisites:** One course in Geology. Excursion Dates: June 19 through June 29. Course fee **\$94**, additional materials fee **\$25**. — D. Sigurdson



ECONOMICS

Social and Behavioral Sciences A306, 213/516-3446

ECO 110—61 Economic Theory 1A (4).

Introductory micro-economic theory; resource allocation, output determination, production theory, income distribution. Course fee **\$188**. TTh, 1-4:20 p.m., SBS B203. — F. Billes

ECO 111—61 Economic Theory 1B (4).

Introductory macro-economic theory: national income accounting, national income determination, monetary and fiscal policy. Course fee **\$188**. MW, 1-4:20 p.m., SBS F125. — R. Freed

ECO 222—61 Money and Banking (4).

Development of monetary and banking institutions in the United States. Contemporary monetary theory and policy. **Prerequisites:** ECO 110 and 111. Course fee **\$188**. MW, 6:30-9:50 p.m., SBS F125. — R. Freed

ECO 298—6 Independent Study (2 or 4 units).

Prerequisite: To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — F. Billes/R. Freed

ECONOMICS

Post Session — August 5
through August 29

ECO 110—41 Economic Theory 1A (4).

Description — see ECO 110—61. Course fee **\$188**. MTTh, 6:30-9:50 p.m., SBS F125. — L. Moite

ECO 111—41 Economic Theory 1B (4).

Description — See ECO 111—61. Course fee **\$188**. MTTh, 1-4:20 p.m., SBS F125. — L. Moite

ECO 298—4 Independent Study (2 or 4 units).

Prerequisite: To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

EDUCATION

Humanities and Fine Arts C316, 213/516-3519

TED 210—61 Motivation and Learning (4).

The psychology of learning and motivation as it relates to instruction; emphasis on the application of learning principles to classroom learning situations. Survey of applicable research from educational psychology and psychology. Course fee **\$188**. MW, 5-8:20 p.m., HFA A219. — P. Desberg

TED 229—61 The Teaching of Reading (4).

Procedures and materials for teaching reading in the elementary/secondary schools. Course incorporates use of videotaped reading lessons and micro teaching assignments. Course fee **\$188**. TTh, 9-12:20 p.m., HFA B224. — P. Ellis

TED 324—61 Classroom Management (4).

Approaches and procedures for effective classroom discipline; with emphasis on curriculum planning and implementation. Students will engage in action research projects to investigate conditions in their own school settings and to implement changes conducive to teaching and learning. Course fee **\$188**. MW, 9 a.m.-12:20 p.m., HFA A324. — D. Wolff

TED 744—61 Mainstreaming Children with Special Needs (6). A course to facilitate the integration of handicapped children into the regular classroom. Special emphasis will be placed on legal responsibilities, instructional planning, problem solving, and field experiences. For those earning multiple and single subject clear teaching credentials.

Prerequisites: EDU 210 and 230. Students are asked to make own transportation arrangements for field work. Course fees **\$282**. TTh, 10 a.m.-3:30 p.m., ERC A127. — D. Wolff

TED S751—61 Workshop in Multicultural Humanities (3). Explore the ways in which various cultures utilize art to celebrate holidays and festivals. Learn to use art from around the world to motivate creative lessons in the elementary classroom. Participate in many hands-on activities including: papier mache masks, tie-dyed fabric fish kites, tapa cloth designs, painted theatrical dragons, and murals. A nominal fee will be charged for materials. Course fee **\$141**. Intensive course **July 15, 16, 22, 23, and 29**. TWTWT, 9 a.m.-3 p.m., SBS A144. — P. Greeven

CALIFORNIA HAS A TEACHER SHORTAGE

Our Schools Will Need
120,000 New Credentialed People by 1995
and
180,000 by 1990

Teachers Are Needed In:

- Elementary Education
- Secondary Education (particularly Mathematics and Science)
- Bilingual Education
- Special Education
- Educational Administration
- Reading
- School Psychology

See the Education classes in this schedule for courses offered this quarter. For information on earning a Teacher Credential, call the appropriate representative listed below.

Services Credentials:

Dr. Nancy Detjen, Administrative, 516-3912
Dr. Charmayne Bohman, Pupil Personnel, 516-3512
Dr. Charmayne Bohman/Dr. Dale Scherba, School Psychology, 516-3915

Specialist Credentials:

Dr. Max Conteras, Bilingual/Crosscultural, 516-3904

Special Education —

Dr. Karl Skinrud, Learning Handicapped, 516-3923
Dr. Doris Okada, Severely Handicapped, 516-3812

Certificates:

Computer-Based Education, Dr. Peter Desberg, 516-3908

TED S756—61 Children's Art and Language Expression (3). Investigate the nature of creativity and the stages of development in a child's art expression. Explore teaching techniques, Kindergarten through sixth grades, which encourage originality and positive self-esteem. activities will include: drawing, painting, printmaking, puppetry and batik. Poems, stories and illustrations will be assembled in a handmade book. Students need to bring the following supplies to class: assortment of marking pens, scissors, glue and newspaper. Course fee **\$141**. Intensive course **June 27, July 11, 18, 25, and August 1**. Fridays, 9 a.m.-3 p.m., SBS A144. — P. Greeven

TED S757—61 Integrating Art into the Elementary Curriculum (3). A course designed to enrich teaching techniques through a variety of creative, expressive activities. Special focus on the inter-relationship of art, language, social studies and science as a means of encouraging individuality in a multi-ethnic classroom. A nominal fee will be charged for materials. Course fee **\$141**. Intensive course **June 24, 25, July 1, 2, and July 8**. TWTWT, 9 a.m.-3 p.m., SBS A144. — P. Greeven

GED 367—61 Basic Generic Practicum With Exceptional Children (6). Supervised practice in assessment, instruction and program evaluation for exceptional children with various learning patterns and developmental levels. Reporting outcomes of teaching-learning sequences for pupils, parents, and school records will be included. On-site experience with a variety of exceptional children in exemplary public and/or private school special education programs. **Prerequisites:** GED 266 and written consent of instructor or department. *Students are asked to make own travel arrangements.* Course fee **\$462**. MTWThF, 8:30-12:30 p.m., first meeting 6/23, 9 a.m. HFA A227. — D. Okada

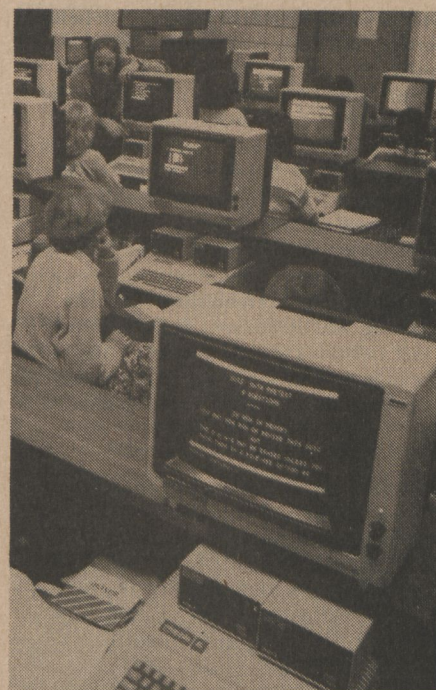
GED 398—6 Independent Study (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

GED 442—61 Introduction to Computers in Education (2). Introduces students to the computer as an aid in the instructional process. Includes: criteria for software review; criteria for selection of hardware; design of CAI lab; methods for integrating CAI into regular instruction; computer-assisted testing; introduction to programming and authoring languages; and research-related to CAI effectiveness. **Prerequisite:** Graduate standing. Must be taken concurrently with GED 443. Course fee **\$94**. M, 1:30-4:50 p.m., SCC E139. — P. Desberg

GED 443—61 Computers in Education Practicum (2). Provides supervised computer practice. **Prerequisite:** Graduate standing. Must be taken concurrently with GED 442. Course fee **\$94**. W, 1:30-4:50 p.m., SCC E139. — P. Desberg

GED 465—61 Practicum: Directed Teaching With the Severely Handicapped (7). Provides experience with severely handicapped children and integrates the competencies of the candidate for the specialist credential. Emphasis is placed on the use of current procedures with children classified as severely handicapped, within the context of classroom, home, and institutional settings. **Prerequisites:** GED 464, written consent of instructor; graduate standing. Students are asked to make own transportation arrangements. Course fee **\$539**. 8:30 a.m.-2:30 p.m., Off Campus. — D. Okada

GED S470—61 Ethnic Communities of Los Angeles: Materials and Strategies for Education (4). This course will feature seven mornings of field work in different ethnic community centers in the Los Angeles area where students will be given information and teaching materials about each ethnic group. Each morning of community field work will be followed by on-campus lecture/discussion sessions. Ethnic group characteristics and educational needs will be evaluated, and appropriate classroom lessons will be discussed. Social studies and reading and curriculum based on ethnic groups will be developed by students outside of course time. These projects will be shared on campus at the final meeting. *Students are expected to make their own travel arrangements to visit the seven community centers. No site will be more than 30 minutes from CSUDH.* **Prerequisite:** Graduate standing. Course fee **\$188**. Intensive course **June 23, 25, 27, 30, July 2, 7, 9, 11, 14, 16, 18**; MWF, 9 a.m.-1 p.m., HFA B224. — M. Carrison



GED 472—61 Practicum: Directed Teaching with the Learning Handicapped (7). Provides experience with learning handicapped pupils and integrates competencies of the candidate for the specialist credential. Emphasis is on effective procedures for children classified as learning handicapped in special class, resource room, and regular classroom settings. **Prerequisites:** GED 468 and GED 469; Graduate standing; written consent of Dr. Skindrud. Students are asked to make their own transportation arrangements. Course fee **\$539**. Course dates **June 23-August 1**, MTWThF, 8 a.m.-2 p.m., first meeting 6/23, 9 a.m., HFA B303. — K. Skindrud

GED 475—61 Resource Specialist I: Program Planning (4). Surveys current special education laws and practices regulating appropriate identification, assessment, program planning, placement, parent appeal, and coordination of services for the education of the mildly handicapped in public and private schools. Covers the 1) legal, 2) program management, and 3) coordination components of the resource specialist's roles. **Prerequisites:** Graduate standing; written consent of Dr. Skindrud; Clear California Special Education Credential. Intensive course **July 14-July 31**. Course fee **\$188**. MTWTh, 5-8:20 p.m., HFA B224. — Staff

Education courses continue on page 12.

GED 476—61 Resource Specialist II: Indirect Services (4). Surveys, demonstrates and applies indirect service principles to the identification, assessment, modification of curriculum and instruction, selection of community resources, vocational planning and behavior management of the mildly handicapped in their regular classrooms, homes and communities. Covers the 1) consultation, 2) staff development, and 3) parent education components of the resource specialist's role. **Prerequisites:** Graduate standing; written consent of Dr. Skindrug; Clear California Special Education Specialist Credential. Intensive course **June 23-July 10**. Course fee **\$188**. MTWTh, 5-8:20 p.m., HFA A221. — J. Jackson

GED 489—61 Internship in School Administration and Supervision (3). Supervised field experience at the school level to include actual job performance in both supervisory and administrative work. Students will demonstrate competencies specified in the Approved Program. **Prerequisites:** All required courses, Administrative Services program, Consent of Instructor. CR/NC only. Days and times to be arranged. Course fee **\$201**. — N. Detjen

GED 489—62 Section 2 — M. Carrison.

GED 496—61 Fieldwork in School Counseling (4). Supervised field work in an organized program for those specializing in pupil personnel services at either the elementary or secondary levels, or for those interested in community-based counseling. All students must complete some field work experience at a junior or senior high school; additional, alternative experiences may be arranged with the coordinator of the program. Students must complete a minimum of two quarters of field work and 250 supervised hours. Course is repeatable for credit until all competencies are completed. Students must apply during the quarter prior to enrolling for field work. **Prerequisites:** Completion of three advanced sequence courses with no grade lower than a B; graduate standing; written consent of instructor. *Students must make own transportation arrangements.* Course fee **\$268**. Days and time to be arranged. — C. Bohman

ENGLISH

Humanities and Fine Arts E315, 213/516-3322

ENG 008—61 Developmental Reading (4). Intensive work in basic reading skills with special emphasis on reading that students will do in college. Students whose reading score on the CSU English Placement Test is R-135 or below are required to enroll in this course prior to enrolling English 100. Graded CR/NC. **Prerequisite: E.O.P./BRIDGE Students only.** Course fee **\$52**. MW, 9 a.m.-12:20 p.m., HFA A229. — S. Klein

ENG 008— Section 2. **E.O.P./BRIDGE Students only.** TTh, 1 p.m.-4:20 p.m., HFA A229. — S. Klein

ENG 008—63 Section 2. **E.O.P./BRIDGE Students only.** TTh, 6:30 p.m.-9:50 p.m., HFA A229. — P. Cherin

ENG 100—61 Freshman Composition I (4). Basic writing skills emphasizing narrative and personal writing at first, then analytic exposition. Helps students express ideas and convey information in writing. Tutoring often required. Includes remedial work with EPT T-scores of 136 through 150. Graded A-C/NC. **Prerequisite:** English Placement Test T-score of T-151 or higher; or successful completion of English 009. Course fee **\$188**, TTh, 9 a.m.-12:20 p.m., HFA A229. — J. Vaughn

ENG 101—61 Freshman Composition II (4). Reinforcement of basic writing skills with emphasis on rhetorical approaches and a documented essay. This course helps students to write convincing arguments and to assemble, organize, and document evidence supporting a thesis. Includes remedial work for student with EPT T-scores of 136 through 150. **Prerequisite:** ENG 100 or equivalent. Course fee **\$188**, MW, 1-4:20 p.m., HFA A229. — Staff

ENG 208—61 Critical Approaches to Children's Literature (4). Critical approaches — psychological, archetypal, formal, social, or linguistic — to the study of children's literature in various forms. Course fee **\$188**. MW, 1-4:20 p.m., HFA A227. — P. Cherin

ENG 226—61 Prose Fiction (4). Forms of prose fiction by major writers from different periods and national literatures. Course fee **\$188**. TTh, 1-4:20 p.m., HFA A227. — J. Vaughn

ENG 250—61 Advanced Composition (4). Rhetorical modes, techniques of emphasis, strategies of editing and revising. Repeatable for all but may be counted only once toward major/minor. Satisfies graduation competency-in-writing requirements. **Prerequisite:** ENG 100 and 101 or their equivalents. Course fee **\$188**. TTh, 6:30-9:50 p.m., HFA A227. — M. Mahon

ENG 252—61 Writing and Speaking Skills for Management (4). Principles and skills of effective communication within organizational management. This course concentrates on eliciting desired responses through various types of business communication in writing. Repeatable for all but may be counted only once toward major/minor. **Prerequisite:** Satisfaction of the graduation writing proficiency requirement; passing score on the JEPET or completion of writing certification course as listed on p. 95 of 83-85 *University Catalog*. Students from campuses other than CSUDH will be exempt from this prerequisite, but they will be asked to offer evidence of enrollment on another campus. Course fee **\$188**. MW, 6:30-9:50 p.m., HFA A224. — M. Shafer

ENG 267—61 Shakespeare in Film and Television (4). An exploration of selected comedies, histories and tragedies with significant contemporary performances shown, analyzed and discussed. Course fee **\$188**. TTh, 6:30 p.m.-9:50 p.m., HFA A230. — H. Marienthal

ENG 298—6 Independent Study (1, 2, 3, 4, or 5 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

ENG S314—61 The Grammar Course (4). In this course designed for teachers, current and prospective, we will undertake a comprehensive survey of English grammar. Using a number of tests, we will develop a framework for understanding and classifying the "traditional" — and often varied — terminology used to describe the major syntactic structures of English. Where appropriate, we will use the insights provided by current linguistic research about how speakers' knowledge of their language should be described. However, our main goal will be control and ordering of the systematic chaos of traditional grammar. This course will satisfy the English 214 requirement in the single-subject waiver program in English and in the minor. Course fee **\$188**. MW, 1-4:20 p.m., HFA A219. — S. Klein

ENG 490—61 Seminar in Special Topics in English (4). James Joyce — Benefictions, Blarney and Baloney from "Dubliners" to "Finnegans wake." Course fee **\$188**. TTh, 1-4:20 p.m., HFA A228. — M. Mahon

ENG 498—6 Independent Study (1, 2, 3, 4, or 5 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

ENGLISH Post Session — August 5 through August 29

ENG 298—4 Independent Study (1, 2, 3, or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fees **\$47 per unit**. — Staff

ENG 498—4 Independent Study (1, 2, 3, or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

GEOGRAPHY

Social and Behavioral Sciences A306, 213/516-3448

GEO 259—61 Geography of California (4). California as a microcosm of the modern world. Topics include: economic activities from fisheries to industry; energy and water supplies, urban, rural and recreational land use, environmental impacts, population and migration, and the geography of policy issues and regional problems. Course fee **\$188**. TTh, 5-8:20 p.m., SBS A110. — C. Moser

GEO 392—61 Special Topics in Geography: The South Pacific (4). Emerald isles, warm turquoise seas, gossamer waterfalls, coco palms swaying in a tropical breeze, most of us have little more understanding of the South Pacific than a travel poster. Yet, we really believe that the island mystique is not that far from fact. This course explores the physical and human reality of the islands of Melanesia, Micronesia, Polynesia and Hawaii. We focus particular attention on the distinctive personality of the Pacific and the processes of colonialism, social and economic modification, environmental alteration and other agents of change that have transformed the landscape, and continue to pose unique problems for development of the region. Course fee **\$188**. TTh, 9 a.m.-12:20 p.m., SBS F125. — S. Koletty

GEO 398—6 Independent Study or Research (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Sessions office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

GEOGRAPHY Post Session — August 5 through August 29

GEO 398—4 Independent Study or Research (2 or 4). **Prerequisite:** To enroll, students obtain special contract from Summer Sessions office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

HEALTH SCIENCES

Student Health Center A141, 213/516-3818

HEA 220—61 Health in Public Education (4). An overview of health factors which helps the student to become a health-educated individual as well as to become capable of implementing health instruction in the public schools. Topics which are addressed include: substance use and abuse, nutrition, mental-emotional disorders, accident prevention, emergency health service and disease; as well as personal, family, community, environmental and consumer health. Course fee **\$188**. MW, 6:30-10 p.m., NSM B252. — Staff

HEA 241—11 Medical Science (4). An advanced study of the nature and causes of disease pathologies. Course fee **\$188**. Course dates **June 25-August 27**, W, 6-9:30 p.m., SHC A145. — C. Walker

HEA 274—61 Upper Limb Orthotics II (4). Evaluation, prescription recommendations, orthoses measurement, fabrication and harnessing of above elbow prosthesis. Lecture-demonstration on the fabrication and fitting of shoulder disarticulation prostheses. **Prerequisite:** Consent of instructor. Course fee **\$400**. Friday, 9 a.m.-4:30 p.m., Lecture NSM E029, Lab NSM C109. — Staff

HEA 275—61 Upper Limb Prosthetics II (3). Patient evaluation, prescription, recommendations, casting, measurement, fabrication and harnessing of above elbow prosthesis. Lecture-demonstration on the fabrication and fitting of shoulder disarticulation prostheses. **Prerequisites:** Consent of instructor. Course fee **\$300**. Wednesday, 9 a.m.-4:30 p.m., Lecture NSM E029, Lab NSM C109. — Staff

HEA 278—61 Orthotic/Prosthetic Preceptorship (3). The goal of the Preceptorship is to enable the student to function effectively and efficiently in a private or institutional facility of an Orthotist or Prosthetist, i.e., the preceptor. The Preceptorship builds on previously acquired clinical skills and professionalism. **Prerequisite:** Consent of the instructor. Course fee **\$300**. Off-campus site TBA. — Staff

HEA 321—61 Dynamics of Health Communication (4). Fundamentals, principles, and skills of interpersonal and group processes utilized in health related occupations. Special emphasis is placed on the theory and techniques of writing, oral skills, interviewing, small group dynamics, and crisis intervention. Course fee **\$188**, TTh, 6:30-10 p.m., SHC A145. — S. Pavey



HISTORY

Social and Behavioral Sciences A306, 213/516-3448

HIS 101—61 History of the United States (4).

A study of the ideals, creeds, institutions, and behavior of the peoples of the United States, meets the state requirement in U.S. History. Course fee **\$188**. MW, 9 a.m.-12:20 p.m., SBS A110. — D. Hata

HIS 111—61 The Western World: The Modern Experience (4).

Significant institutions and ideas of European civilization in the modern era, sixteenth century to the present. Course fee **\$188**. TTh, 8 a.m.-12:10 p.m., SBS A110. — D. Cady

HIS 203—61 Studies in Religious History: A History of the Early Church to A.D. 500 (4).

A comprehensive survey of the rise/origins of early Christian society and the growth of the church as an institution. Course fee **\$188**. MW, 1-4:20 p.m., SBS D121. — C. Udeze

HIS 238—62 Special Topics: South Africa: Peoples and Policies (4).

The historical, social and economic forces which have generated the program of racial segregation commonly called *apartheid*. Course fee **\$188**. MW, 9 a.m.-12:20 p.m., SBS A204. — C. Udeze

HUMANITIES

Humanities and Fine Arts L303, 213/516-3317

HUM 100—61 Introduction to the Humanities (4).

Examines the inter-relationships among the humanities (art, literature, music, and philosophy) in Western culture by tracing the theme of tradition and change in selected time periods. Course fee **\$188**. TTh, 9 a.m.-12:20 p.m., SBS B231. — P. Rodney

HUM 214—61 Key themes: Ethical Humanity (4).

Imaginative and prescriptive views of right and wrong, good and evil arising in diverse times and cultures. Assigned readings concentrate on the stimulating imaginative treatment of ethical humanity in excellent fiction and drama. Both contemporary and traditional works — some with accompanying video presentations — are studied. Classroom activities including quizzes, two examinations, lecture-discussion and small-group meetings explore the conflicts surging up in humanity's age-old desire to be good. **Prerequisite:** Completion of lower division humanities requirement. Course fee **\$188**. TTh, 6:30-9:50 p.m., HFA A219 — M. Shafer

MATHEMATICS

Natural Sciences and Mathematics A132, 213/516-3378

Summer Session students who are regularly enrolled at a CSU campus should be aware that successful completion of Mathematics courses in Summer Session may not qualify them for exemption from the system-wide entry level Mathematics (ELM) requirement.

MAT 000—61 Arithmetic and Beginning Algebra (4).

This course provides a review of arithmetic and pre-algebra topics. Available Credit/No credit only. **Prerequisite:** E.O.P./BRIDGE students only. Course fee **\$52**. TWThF, 9 a.m.-10:50 p.m., SBS F225 — Staff

MAT 000—62 Section 2. E.O.P./BRIDGE students only. TTh, 4:20-7:50 p.m., SBS F125 — Staff

MAT 004—61 Algebra and Geometry (4).

Topics covered include quadratic equations, linear inequalities, systems of linear equations, graphs, square roots, geometry and more word problems. Course is appropriate for students needing a review in algebra and geometry. Course can be used as a preparation for the Elementary Level Mathematics examination (ELM). Course fee **\$188**. MW, 9-12:20 p.m., SBS E122. — C. Chang

MAT 020—61 Algebra (4) (Formerly Mathematics 030). Topics covered include factoring, quadratic equations, graphing; systems of equations, exponential and logarithmic computation and statistical averages. This course satisfies the General Studies Quantitative Reasoning requirement. **Prerequisite:** MAT 006 or one year of high school algebra. Course fee **\$188**. MW, 9-12:20 p.m., SBS F125. — F. Brulois

MAT 020—62 Section 2. TTh, 6:30-9:50 p.m., SBS E122. — D. Westberg

MAT 102—61 Mathematical Analysis for Management and Social Sciences I (4). Topics covered include functions, graphs, the straight line, systems of linear inequalities, the derivative and its applications including maxima and minima. **Prerequisite:** MAT 020 or two full years of high school algebra. Course fee **\$188**. MW, 6:30-9:50 p.m., SBS E122. — F. Brulois

MAT 102—62 Section 2. TTh, 9 a.m.-12:20 p.m., SBS B140. — W. Armacost

MAT 102—63 Section 3. TTh, 6:30-9:50 p.m., SBS A104. — S. Book

MAT 108—61 Pre-Calculus Mathematics (4).

Topics covered include the function concept, exponential and logarithmic functions, and plane trigonometry. **Prerequisite:** MAT 020 or two years of high school algebra. Course fee **\$188**. MW, 1-4:20 p.m., SBS A104. — F. Brulois

MAT 108—62 Section 2. TTh, 6:30-9:50 p.m., SBS D121. — Staff

MAT 112—61 Differential and Integral Calculus II (4).

A continuation of Mathematics 110. Topics covered include trigonometric and exponential functions, techniques of integration; the concepts of limits and continuity. **Prerequisite:** Mathematics 110. Course fee **\$188**. MW, 6:30-9:50 p.m., SBS B203. — C. Chang

MAT 112—62 Section 2. TTh, 9 a.m.-12:20 p.m., SBS B203. — Staff

MAT 114—61 Differential and Integral Calculus III (4).

A continuation of Mathematics 112. Topics covered include differentials, solid analytic geometry, vectors in three dimensions, partial derivatives, multiple integration. **Prerequisite:** Mathematics 112. Course fee **\$188**. TTh, 9 a.m.-12:20 p.m., SBS E220. — G. Hart

MAT 150—61 Elementary Statistics and Probability (4).

A practical course in statistics and probability, including such topics as the normal distribution, t-test, chi-square test, linear regression and correlation, conditional probability. **Prerequisites:** MAT 006 or one year of high school algebra. Course fee **\$188**. MW, 9 a.m.-12:20 p.m., SBS B231. — Staff

MAT 150—62 Section 2. TTh, 6:30-9:50 p.m., SBS B231. — W. Armacost



MAT 160—61 Discrete Mathematics I (4). Set theory probability, Boolean algebra, combinatorics, and matrix algebra, with applications to computers and computer programming. **Prerequisites:** MAT 112 or MAT 122 and programming experience. Course fee **\$188**. MW, 9-12:20 p.m., SBS B137. — G. Hart

MAT 160—62 Section 2. MW, 6:30-9:50 p.m., SBS B137. — G. Hart

MAT 162—61 Discrete Mathematics II (4). A continuation of MAT 160. **Prerequisites:** MAT 160. Course fee **\$188**. MW, 9 a.m.-12:20 p.m., SBS D219. — F. Chimenti

MAT 195—61 Fundamentals of Elementary Mathematics I (4). (Formerly Mathematics 742). The cardinal number concept and related operations, set theory and mappings, systems of numerations, and the real number system. **Prerequisite:** Mathematics 006 or one year of high school algebra and a placement test administered by the Mathematics department. Course fee **\$188**. TTh, 6:30-9:50 p.m., SBS D219. — Staff

MAT 260—61 Finite Automata (4). Study of the abstract formalization of digital computers. Applications to computation theory and formal linguistics. **Prerequisite:** Mathematics 160. Course fee **\$188**. TTh, 6:30-9:50 p.m., SBS E122. — R. Williams

MUSIC

Humanities and Fine Arts A332, 213/516-3543

MUS 298—6 Independent Study (1, 2, 3, or 4 units) **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — D. Champion

MUS 369—61 Audio Recording (4). Theory and operation of professional recording studio equipment. Acoustics, selection and placement of microphones, stereo and multi-track tape machines, equalization, multi-function mixing consoles. Field trip to off-campus recording studio. **Prerequisite:** Consent of instructor or department. Course fee **\$188**. TTh, 6:30-9:50 p.m., HFA A202. — J. Hill

MUS 369—61L Audio Recording Laboratory (1). Actual experience in engineering professional quality multi-track recordings; calibration, microphone placement, mixer logic, editing. **Prerequisites:** MUS 369 and PHY 100. Course fee **\$47**. Additional lab fee **\$25**. Day and time to be arranged, HFA A201. — J. Hill

MUS 372—61L Advanced Recording Laboratory (1). Continuation of Music 369L. Advanced techniques utilized in the production of professional quality multi-track recordings. **Prerequisites:** Previous enrollment in MUS 372; Consent of instructor or department. Course fee **\$47**. Additional lab fee **\$25**. TBA, HFA A201. — J. Hill

MUS 376—6 Music Internship (2 or 4 units). Students participate in an off-campus internship with an approved employer. Provides for integration of academic study and related work experience with the objective of developing certificate level competencies. A) Electronic Music, B) Sound Recording, C) Sound Reinforcement, D) Music Teaching, E) Music Business and F) Church Music. **Prerequisite:** Consent of instructor. A student may earn up to a total of 16 elective credits toward a Bachelor's Degree. Course fee **\$47 per unit**. — D. Champion

MUS 398—6 Independent Study (1, 2, 3, or 4 units) **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — D. Champion

MUSIC

Post Session — August 5 through August 29

MUS 298—4 Independent Study (1, 2, 3, or 4). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — D. Champion

MUS 376—4 Music Internship (2 or 4 units). Students participate in an off-campus internship with an approved employer. Provides for integration of academic study and related work experience with the objective of developing certificate level competencies. A) Electronic Music, B) Sound Recording, C) Sound Reinforcement, D) Music Teaching, E) Music business and F) Church Music. **Prerequisite:** Consent of instructor. A student may earn up to a total of 16 elective credits toward a Bachelor's Degree. Course fee **\$47 per unit**. — D. Champion

MUS 398—4 Independent Study (1, 2, 3, or 4 units) **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — D. Champion

PHILOSOPHY

Humanities and Fine Arts B331, 213/516-3328

PHI 293—61 Special Topics: Religion and Philosophy (4). Study and discussion of current beliefs and views on religion, God, the Bible and related questions. Course fee **\$188**. TTh, 6:30-9:50 p.m., HFA A228. — W. Hagan

PHI 102—61 Humanity, Nature and God (4). Critical evaluation of basic problems and methods in philosophy with an emphasis upon different world views. Course fee **\$188**. TTh, 9 a.m.-12:20 p.m., HFA A219. — W. Hagan

PHI 120—61 Logical Thinking (4). Instruction in the development of the ability to distinguish fact from judgment, belief from knowledge, and skills in elementary inductive and deductive processes, including an understanding of fallacies of language and thought. Course fee **\$188**. MW, 9 a.m.-12:20 p.m., HFA A219. — D. Lewis

PHI 120—62 Section 2. MW, 6:30-9:50 p.m., HFA A324. — D. Lewis

PHILOSOPHY

Post Session — August 5 through August 29

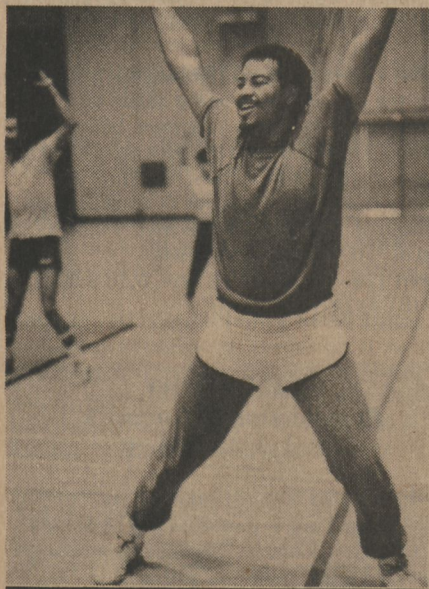
PHI 120—41 Logical Thinking (4). Instruction in the development of the ability to distinguish fact from judgment, belief from knowledge, and skills in elementary inductive and deductive processes, including an understanding of fallacies of language and thought. Course fee **\$188**. MTTh, 9 a.m.-12:20 p.m., HFA A324. — R. Vanterpool

PHYSICAL EDUCATION

Fieldhouse C003, 213/516-3761

PED 171—61 Selected Dance Styles: Dancercise (1). Course fee \$47. MW, 8-9:40 a.m., GYM A102. — J. Sanderson

PED 297—6 Independent Study (2 or 4 units). **Prerequisite:** To enroll, students must obtain special contract from the Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee \$47 per unit. — J. Poole



PHYSICS

Natural Sciences and Mathematics B202, 213/516-3591

PHY 100—61 Patterns in Nature (4). Models of nature, wave phenomena involving sound and light; successes and failures of wave and particle models, synthesis of the opposing views; applications, and philosophical implications. Designed for non-science students. Course fee \$188. TTh, 9-12:20 p.m., NSM C221. — T. Will

PHY 124—61 Elements of Physics (4). A continuation of PHY 122. Quantum phenomena, nuclear radiations. **Prerequisites:** PHY 122; concurrent enrollment in PHY 124—61 lab. Course fee \$141. TTh, 1-3:30 p.m., NSM C221. — T. Will

PHY 124—61L Elements of Physics Laboratory (0). **Prerequisite:** Concurrent enrollment in PHY 124. Course fee \$47. TTh, 3:30-6 p.m., NSM B242. — T. Will

See also:

Science, Mathematics and Technology 210—61

POLITICAL SCIENCE

Social and Behavioral Sciences G322, 213/516-3434

POL 101—61 American Institutions (4). A study of contemporary political institutions, with emphasis on the philosophy, structure, and behavior of the American political system, including the State of California. Meets State requirement in U.S. Constitution and California State and local government. Course fee \$188. TTh, 9-12:20 p.m., SBS B137. — T. Wilson

POLITICAL SCIENCE Post Session — August 5 through August 29

POL 210—41 Current Issues in American Government (4). Analysis and critical evaluation of recent major issues, conflicts and problems in American government and institutions. Current issues might include social and health services, energy, environment, multinational corporations, military spending, taxation, political economy, criminal justice, and civil rights. Course fee \$188. TWTh, 9 a.m.-12:20 p.m., SBS D125. — T. Wilson

PSYCHOLOGY

Social and Behavioral Sciences A336, 213/516-3427

PSY 110—61 Thinking and Logical Reasoning (4). Course will describe the development of logical reasoning and other cognitive processes throughout the lifespan with particular emphasis on development during the college years. Activities will focus on improvement of thinking, comprehension, and memory. Course fee \$188. Intensive course **June 23-July 11**. MW, 9 a.m.-4:20 p.m., SCC E139. — G. Marsh

PSY 250—61 Developmental Psychology (4). The cognitive, psychological and social development of the child from birth to adolescence. Fieldwork at discretion of instructor. Course fee \$188. Intensive course **June 23-July 11**. TTh, 9 a.m.-4:20 p.m., SBS B143. — G. Marsh

PSY 253—61 The Experience of Death and Dying: Psychological Perspectives (4).

Readings, discussion, and case studies in the psychodynamics of reactions to death and behavior patterns coping with impending or recent death, loss and grief; attitudes towards death and dying; the fear of death; children's response to death. Course fee \$188. TTh, 5-8:20 p.m., SBS D125. — S. Wilcox

PSY 263—61 The Abnormal Personality (4). The causes and manifestations of abnormal behavior. Field study and case study. Course fee \$188. TTh, 1 p.m.-4:20 p.m., SBS D125. — S. Wilcox

PSY 297—6 Directed Research (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee \$47 per unit. — Staff

PSY 298— Independent Study (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee \$47 per unit. — Staff

PSY 497—6 Directed Research (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee \$47 per unit. — Staff

PSY 498—6 Directed Study (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee \$47 per unit. — Staff

PSYCHOLOGY**Post Session — August 5
through August 29**

PSY 252—41 Psychology of Adult Life and Aging (4). Theories and research in adult development and aging, including the effects of physiological and socio-economic changes on psychological variables within an aging population. Course fee **\$188**. MWTh, 6:30-9:50 p.m., SBS A104. — E. Painter

PSY 264—41 Introduction to Clinical Psychology (4). An overview of psychology in the clinical situation. The scope, ethics, theories, and methods of clinical psychology. Field observations by arrangement. **Prerequisite:** Psychology 263. Course fee **\$188**. MTW 6:30-9:50 p.m., SBS D225. — A. Bohart

PSY 292—41 Special Issue: Psycho-Social Health Problems in the Elderly (4). This course will look at health problems of the aged from a psychological point of view. Prevention and health maintenance will be discussed as well as issues surrounding debilitating and terminal illnesses, such as emphysema, heart diseases, cancer and senility. Discussion will also address the concerns of friends and family members and ways in which they can effectively help the elderly. Intensive course **August 5-August 22**. Course fee **\$188**. MTWTh and Fri., Aug. 22, 9 a.m.-12:30 p.m., SBS F125. — B. Kin

PSY 297—4 Directed Research (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

PSY 298—4 Independent Study (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

PSY 497—4 Directed Research (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

PSY 498—4 Directed Study (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee **\$47 per unit**. — Staff

PUBLIC ADMINISTRATIONNatural Sciences and Mathematics A143,
213/516-3444

PUB 204—61 Quantitative Methods in Public Administration (4). Role and application of quantitative methodology in public management; review of mathematical and statistical functions; basic concepts of social science research and rational decision-making; decision theory, control theory, models and modeling; introduction to the uses and application of computer technology. **Prerequisite:** MAT 100. Course fee **\$188**. MW, 6-9:20 p.m., SBS A210. — A. Liberman

PUB 452—61 Seminar: Public Financial Management (4). Examination of methods, processes and problems in the administration and budgeting of public revenues; cases. **Prerequisite:** PUB 401; graduate standing. Course fee **\$188**. MW, 6-9:20 p.m., SBS D219. — J. Smith

**SCIENCE, MATHEMATICS,
TECHNOLOGY**Natural Sciences and Mathematics A115,
213/516-3373

SMT 100—61 Basic word Processing (1). Introduction to the use of microcomputers for word processing and document preparation. *Credit/no credit only.* (If you are enrolled in a course where word processing would be of value or if you merely want to learn about word processing and microcomputers, you should enroll in SMT 100 Basic Word Processing. Typing skills are useful but not a prerequisite for the course. If you have any questions, contact Dr. George Wiger, NSM B202, telephone 516-3376.) Course fee **\$47**. Intensive course **June 24 and July 8**. T, 9 a.m.-2 p.m., ERC A315. — G. Wiger

SMT 100—62 Section 2. Intensive course. **June 25 and July 9**. W, 12 noon-5 p.m., ERC A315. — G. Wiger

SMT 210—61 Science and Technology (4). An assessment of the interrelations of Science and Technology. Study of the development of technological advances and the scientific principles behind them. **Prerequisite:** Completion of all lower division general studies science requirements. Course fee **\$188**. MW, 1-4:20 p.m., NSM C213. — E. Garcia

SMT 214—61 Introduction to Cosmology (4). This course satisfies the *upper division general studies science* requirement. An introduction to the major theories of the origin and structure of the universe and the evidence for them with attention to the way earlier thoughts have been incorporated into modern thought. The Big Bang Theory will be examined in depth. Designed for the general audience. **Prerequisite:** Completion of the general studies lower division science requirements. Course fee **\$188**. TTh, 5:30-8:50 p.m., NSM C221. — H. K. Lee

**SCIENCE, MATHEMATICS,
TECHNOLOGY****Post Session — August 5
through August 29**

SMT 214—41 Introduction to Cosmology (4). This course satisfies the *upper division general studies science* requirement. An introduction to the major theories of the origin and structure of the universe and the evidence for them with attention to the way earlier thoughts have been incorporated into modern thought. The Big Bang Theory will be examined in depth. Designed for the general audience. **Prerequisite:** Completion of the general studies lower division science requirements. Course fee **\$188**. MTW, 5:30-8:50 p.m., NSM C221. — H. K. Lee

SOCIOLOGY

Social and Behavioral Sciences B334, 213/516-3431

SOC 204—61 Counseling and the Changing American Family (4). Same as SMC 220. While the impact of recent marriage and divorce trends has yet to be felt, we are witnessing a slowdown in the rate of first marriages, a decrease in rate of marriage after divorce accompanied by an increase in divorce. Is the "American" family going to survive? Just as the extended family was replaced by the nuclear family, is the nuclear family being replaced by single parent family or "transitional living arrangements?" Is marriage becoming a part-time career, a phase in one's life cycle, rather than a lifetime status that is synonymous with being adult? If so, what roles does counseling play in preparing adults in adapting to such changes? How will increasing communications, teaching married folks how to relate to each other provide answers to changing societal definitions of marriage and divorce? These and other related questions will be addressed in this course which examines the relationship between counseling strategy and the changing American family. Course fee **\$188**. TTh, 6:30-9:50 p.m., SBS E305. — E. Bryan

Sociology courses continue on page 18.

SOC 215—61 Sociology of Work (4). Sociological analysis of work in industrial society. Examination of the labor force, industrial organization, occupational roles, and careers. Consideration of impact of technological change. Course fee \$188. TTh, 1 p.m.-4:20 p.m., SBS A204. — A. Peters

SOC 220—61 The Family (4). Study of the social processes and structural patterns affecting contemporary family life in American society. Course fee \$188. TTh, 9 a.m.-12:20 p.m., SBS A210. — E. Bryan

SOC 265—61 Deviant Behavior (4). Consideration of deviant behavior. Study of the forms and processes of deviance, and the distribution of its occurrence. A systematic analysis of particular kinds of violations of normative rules as related to general processes of interaction in everyday social activities. Course fee \$188. TTh, 9 a.m.-12:20 p.m., SBS A204. — W. McCoy

SOC 398—6 Independent Study (2 or 4 units). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee \$47 per unit. — Staff

SOC 450—61 Seminar in Interaction Processes (4). Experiences in both the theoretical and practical study of microsociology. Stress on the small group, with specific concern for problems such as communication, leadership, decision-making, gamesmanship, equilibrium, and change. Relevant research literature reviewed, and laboratory experiments in interaction processes conducted. **Prerequisite:** SOC 250 or equivalent, graduate standing, and consent of instructor. Course fee \$188. TTh, 3-6:20 p.m., SBS A210. — H. Charnofsky

SOC 497—64 Directed Research (4). **Prerequisite:** To enroll, students obtain special contract from Summer Session office in advance of registration. Signatures of instructor and Dean required. Course fee \$188. MW, 6:30-9:50 p.m., SBS E305. — E. Bryan

SOCIOLOGY

Post Session — August 5
through August 29

SOC 202—41 Computer Applications in the Social Sciences (4). Applications of computers in the Social Sciences; data processing, modeling, simulation, data base management, bibliographic searches. On-line and batch applications. **Prerequisite:** Sociology 120 or its equivalent. Course fee \$188. MTTh, 9 a.m.-12:20 p.m., SBS A204. — M. Kikuta

SPANISH

Humanities and Fine Arts A338, 213/516-3315

SPA 110—61 First Quarter Spanish (4). This lively and entertaining class offers training in speaking, listening and writing skills, with special emphasis on conversational Spanish. The course provides selected dialogues and language employment settings. The students are provided in class with a maximum number of opportunities to utilize their Spanish-speaking skills as they are developed. This class also includes a field trip to a locale of significant Hispanic cultural interest. Course fee \$188. TTh, 6:10-9:30 p.m., SBS A144. — R. Romero

SPA 130—61 Spanish Conversation (4). This course is designed for students with at least one year of college Spanish or the equivalent. The course will stress practical Spanish for classroom teachers. For teachers preparing to take the Bilingual Competency Exam (Spanish), special emphasis will be placed on test-taking strategies and time-saving techniques. Practice mini-tests will also be administered. Standard universal Spanish is taught as well as key regional (Mexican, Central and South American) vocabulary and expressions. Truly an enjoyable course for those seriously wishing to practice and to learn more Spanish. Course fee \$188. Intensive course **June 23-July 10.** MTWTh, 9 a.m.-12:30 p.m., HFA A221. — P. Sanchez

SPA 241—61 Advanced Conversation (4). Intensive conversation leading to fluency in the use of idiomatic, everyday Spanish and the development of a comprehensive, practical vocabulary. Useful for public service, as well as for the bilingual/cross cultural credential program. Course fee \$188. Intensive course **June 23-July 18.** MWF, 9 a.m.-12:15 p.m., HFA A224. — F. Lauerhauss

THEATRE ARTS

UT A101, 213/516-3588

THE 120—61 Fundamentals of Speech (2). Basic oral communication skills, with practice in a variety of speech-oriented situations. Course fee \$94. MW, 9-10:40 a.m., UT A102. — P. Rodney

THE 120—62 Section 2. Prerequisite: E.O.P./BRIDGE students only. Course fee \$26. MW, 11 a.m.-12:40 p.m., UT A102. — P. Rodney

THE 120—63 Section 3. Prerequisite: E.O.P./BRIDGE students only. Course fee \$26. Saturday, 9 a.m.-3 p.m., HFA A219. — C. Walker

UNIVERSITY COLLEGE

Small College M110, 213/516-3784

UNC 120—61 Contemporary Issues: Decision Making for Women (2). What people think of themselves, as well as what they think others think of them, has a great deal to do with what decisions they make and how they make them. Purpose of the class is to assist students in enhancing their personal growth, learning to make good decisions, moving toward their desired goals, and becoming more decisive and autonomous persons. Emphasis will be on developing both conceptual and experiential competence. Course fee \$94. Additional materials fee \$5. Intensive course 6/28, 7/12, 7/19, and 7/26. Saturday, 9 a.m.-3 p.m., SCC J146. — C. Buford

UNIVERSITY COLLEGE

Post Session — August 5
through August 29

UNC 120—41 Contemporary Issues: Decision Making for Women (2). What people think of themselves, as well as what they think others think of them, has a great deal to do with what decisions they make and how they make them. Purpose of the class is to assist students in enhancing their personal growth, learning to make good decisions, moving toward their desired goals, and becoming more decisive and autonomous persons. Emphasis will be on developing both conceptual and experiential competence. Course fee \$94. Additional materials fee \$5. Intensive course 8/9, 8/16 and 8/23. Saturday, 9 a.m.-3:40 p.m., SCC J146. — C. Buford

Pre-Medical Dental Organic Chemistry

Designed for pre-medical and pre-dental students, this ten-week program corresponds to a full year of organic chemistry with lab. CHE S200/201 is scheduled for the first five weeks, **June 16-July 21** followed by CHE S202/203 for the second five weeks, **July 22-August 22**. The two sequential courses offer 12 quarter units — equivalent of 8 semester units — the required minimum in organic chemistry for professional schools.

Students who have taken the program in previous summers have also found it very useful in preparing for the DAT and MCAT.

Students must enroll for the entire program with mail-in registration (March 31-June 6). The tuition fee for the program is **\$644**.

See p. 7 for class meeting information. Instructors: James Lyle, Ph.D., professor of Chemistry; Ulrich de la Camp, Ph.D., professor of Chemistry.

Summer Institute In Gerontology

Offered this summer, Psychology of Adult Development and Aging, PSY 252—41, 4 units, is a **core** course toward the Gerontology Certificate. Two **elective** courses for the Certificate are also offered this summer — Psycho-Social Health Problems in the Elderly, PSY 292—41, 4 units, and The Experience of Death and Dying: Psychological Perspectives, PSY 253—61, 4 units.

Classes are held at convenient times for professionals working in the field, students needing to take an intensive course for degree requirements, or for persons seeking personal enrichment.

For course descriptions and meeting times, see Psychology course listings on page 16.

These courses have been approved for continuing education credit by the California Board of Registered Nursing (BRN Provider No. 00757) and the Board of Examiners of Nursing Home Administrators (BENHA No. 029). Each 4-unit course equals 40 hours of continuing education credit.

For more information regarding the 32-unit Gerontology Certificate, call the Human Services Program, 213/516-3641.

Resource Specialist Certificate Workshops

Two 3-week workshops are designed to meet the state guidelines for the Resource Specialist Certificate required of all teachers employed as special education Resource Specialists since June 30, 1981. Resource Specialists employed prior to that date may also find this workshop valuable in providing indirect services to handicapped children in the public schools. At this time the total program at CSUDH for the state Resource Specialist Certificate consists of three courses:

- GED 475—61 RESOURCE SPECIALIST I: Program Planning** (4 q.u.)
- GED 476—61 RESOURCE SPECIALIST II: Indirect Services** (4 q.u.)
- GED 529 RESOURCE SPECIALIST III: Advance Services** (s.u.)

The first two courses (GED 475 and GED 476) will be offered this summer as 3-week evening workshops M, T, W, Th from 5-8:20 p.m. (See course listings for time and place.) Following successful completion of the 8 q.u. summer workshop, participants may then satisfy the advanced services component (GED 529) during Fall Semester. GED 529 completes requirements for the clear Resource Specialist Certificate approved by the state Commission on Teacher Credentialing (June 1984).

For further information on admission to this certificate program contact the Graduate Education Department Secretary, or Dr. Skindrud, Coordinator, Special Education, 213/516-3522.

A Passage Through China

— June 20 through August 1, 1986
Discover the People's Republic of China, Summer of '86

CSU Dominguez Hills sponsors six weeks of travel study in the People's Republic of China — an extraordinary opportunity to explore the historical as well as the day-to-day aspects of Chinese society.

The program includes two weeks of travel, including Shanghai, Beijing, Nanjing, Suchow, Xian and a boat trip on the Yangtze River. Approximately four weeks of study in residence at Huazhong Normal University in Wuhan (Hubei Province) will be featured. During the four weeks in Wuhan, weekend and day trips to factories, schools and places of historical interest will be scheduled.

Group director for A Passage Through China is Linda Pomerantz, CSUDH History Professor.

The cost for the six week program, including food, lodging, travel, round-trip airfare, ground transportation, university credit and study at Huazhong Normal University is \$3,100. Call 213/516-3741 for more information.

London Semester Program

— Fall Semester 1986

Study British literature, history and culture with expert CSU faculty as you enjoy living in central London and exploring the city's attractions.

The fourteen-week program is co-sponsored by the CSU Extended Education network and the American Institute for Foreign Study, which is responsible for non-academic arrangements. In London, a complete social program, including your housing and meals will be arranged by A.I.F.S. — an organization with extensive experience in foreign study programs. Twelve semester units of degree-applicable CSU semester credit are earned upon successful completion of course work. (Enrollment in this travel study program is open to non-CSUDH participants who meet the academic qualifications for participation.)

During the Fall '86 Semester Dr. David Rankin, CSUDH professor of English, and Dr. Neil Rabinov, CSULA professor of History, will lead the academic program. They will offer courses on: Masterpieces of English Drama — including participation at several productions — the British novel from Richardson to Conrad, British History, the History of the Irish Question, and Independent study courses on Literary London and British History. In addition, all students will enroll in a British Life and Culture course which features a guest lecture series.

Dr. Rankin earned his Ph.D. at the University of London, has won several awards for teaching excellence, and has published articles on language and literature in several journals.

For further information about the London Semester program and the Fall '86 semester, call the Extension office at 213/516-3746 for a brochure.

Mexico: Morelia And Its Environs

— June 22 through July 20, 1986

Enjoy 28 days in Mexico studying Spanish and experiencing Mexican culture with Dr. Ben Pena. Explore the rich colonial and pre-Colombian traditions of Morelia and its surrounding villages and towns.

Morelia, capital of the state of Michoacan, is located in the beautiful central highland plateau of Mexico. There, among some of the finest colonial architecture in Mexico, participants in this program will live with selected Morelian families and attend morning classes in a beautifully maintained colonial building.

STUDY PROGRAM

All participants will enroll for 8 units of university credit: *either* Spanish 130, Beginning Spanish; or Spanish 241, Advanced Conversation. Also, all participants will enroll in Spanish 220, Field Research; this course can be tailored to your professional or academic interests. All of these courses help you to use Spanish skills immediately in real-life situations. At least one year of college Spanish or consent of Dr. Pena is required to participate.

Dr. Ben Pena, faculty director of the program, is associate professor of Spanish at CSUDH and has extensive experience in teaching career-related Spanish.

ACCOMMODATIONS

The non-academic portion of the program, including the homestay program, the instructional facility, and the excursions are arranged and supervised by CECEMMAC (Centro de Conocimientos Experienciales Multiculturales Mexicanos) an organization which specializes in educational travel programs to Mexico.

No more than two participants are placed in a home. The homestay arrangement enables students to practice Spanish and to learn about Mexican culture by living it. Participants will receive three meals daily. (Families with children can be accommodated, although host families are not responsible for baby sitting service.)

TRAVEL AND TOURS

Participants will fly from Los Angeles to Mexico City with a connecting flight to Morelia. In addition to discovering the cultural riches and natural beauty of Morelia, participants, with guides, will tour important historical and archeological sites in the region surrounding Morelia. Weekly one-day excursions include trips to: Santa Clara del Cobre, famous for handcrafted copperwork; Capula, known for its pottery; Tzin Tzun Tzan, a pre-Colombian archeological site featuring pyramids and a sacrificial altar; Janitzio, an island on Lake Patzcuaro; Patzcuaro, a fascinating city with a wonderful museum of Mexican crafts. Two weekend overnight excursions include a trip to Guanajuato and a trip to Uruapan. Other towns on the tour itinerary are Quiroga, Santa Maria de Guide and Zinapecuaro, Paricutin, Angahuan. Accommodations for the overnight excursions will be in tourist class hotels.

COST OF PROGRAM

Total cost of the 1986 program is \$1600. This price includes round trip airfare (Los Angeles-Mexico City-Morelia); all scheduled travel and tours; food and lodging for four weeks; instructional fees for 8 quarter units. Minimum and maximum enrollment quotas apply.

QUALIFICATIONS FOR APPLICATION

Applicants must be 18 and hold a current passport. (Applicants under 18 and children may be accepted if accompanied by parent or guardian. Fee for children under 6 is approximately \$650 for air fare, lodging, meals and excursions; for children over 6 years, fees are approximately \$1,200.)

For more information or to apply to the "Mexico: Morelia" travel study program, please contact Dr. Ben Pena, 213/516-3315, or the Division of Extended Education, 213/516-3741.

Geological Excursion to Arizona and Utah

This course provides an opportunity to study the classic geology of the American Southwest. Participants will visit Oak Creek Canyon, Grand Canyon, Monument Valley, Natural Bridges, Capitol Reef, Bryce Canyon and Zion National Park. The group will examine rock outcrops, discuss the geology, search for fossils, and take photographs of the matchless scenery. Short hikes will be taken at some of the sites.

Participants will camp out in the National Parks and cook most of the meals as a group. Transportation is available for up to 12 students. Students may provide their own transportation. Sleeping bags, tents, cameras, film and personal field gear must be provided by the students. A general fund will be established to purchase food and to cover group expenses, ranging from \$100 to \$150 per person above the Summer course fees.

Dr. David Sigurdson has been the Chairperson of the CSUDH Earth Sciences Department for five years, and has taught Geology at the University for ten years. He has traveled extensively in the Southwest on photographic and geological excursions.

Organizational meetings will be held on MAY 5 AND JUNE 16 to plan logistics and assignments. The orientation meetings will be held in the Geology Lab, NSM B234, 6 p.m.

EAR 294—61, Directed Study. Prerequisites: One course in Geology. Excursion Dates: **June 19 through June 29.** Course fee **\$94**, additional activity fee **\$25**.

Please use summer registration form to enroll.



Bobrow

Bobrow Test Preparation Services originated at California State University, Northridge, by request of the student body 10 years ago. Since then it has assisted more than 500,000 students in preparing for the college and graduate entrance examinations. By request only, these programs are now offered at 26 universities, colleges, and law schools. The classes have been developed and evaluated by authors of 15 national best-selling test preparation textbooks (Cliffs GMAT Preparation Guide, Cliffs SAT Preparation Guide, Cliffs CBEST Preparation Guide, Cliffs GRE Preparation Guide among others published by Cliffs Notes).

The staff is composed of attorneys, CPAs, math and reading specialists and other specialist instructors who are fully credentialed and have advanced degrees. The programs are constantly updated for the most recent forms of the exams and are carefully planned learning, practicing and analyzing experiences.

STUDENTS MAY REPEAT THE CLASS AT NO CHARGE.

SAT (Scholastic Aptitude Test) Review

This workshop is designed to prepare students for the SAT.

The emphasis is on the math section of the exam, but there will be careful analysis of reading comprehension, sentence completion, analogies and antonyms.

Important test-taking strategies and time-saving techniques will also be covered. Short-form tests will also be given for practice under actual test-taking conditions.

For June 7 Exam

DATE: Saturdays, May 10-31 (no class May 24)

TIME: 9 a.m.-12:30 p.m.

NUMBER OF MEETINGS: 3

UNITS: Non-credit

FEE: \$65 (includes materials)

SEQ. NUMBER: 08-000-0505

LOCATION: Redondo Beach Community Resource Center, Rm. 7

320 Knob Hill Ave., Redondo Beach
INSTRUCTOR: Bobrow Test Preparation Services

CBEST (California Basic Educational Skills Test) Review

These workshops are designed to assist students and teachers in preparing for the CBEST. Each area of the exam — reading, comprehension, essay writing, and mathematics will be carefully explained and analyzed. Special emphasis will be placed on a review of mathematics including: basic arithmetic, algebra, geometry, symbols and terminology, and graph reading.

For June 14 Exam

DATE: Saturday, May 17-June 7 (no class May 24)

TIME: 9 a.m.-3 p.m.

NUMBER OF MEETINGS: 3

FEE: \$95 (includes materials)

SEQ. NUMBER: 08-011-0520

LOCATION: CSUDH campus, SC E143

INSTRUCTOR: Bobrow Test Preparation Services

LSAT (Law School Admission Test) Review

Prepare for the LSAT by learning each subject area, and the type of questions to expect in each section. Time-saving and test-taking strategies will be featured.

Workshop topics include:

- Analytical reasoning
- Logical reasoning
- Evaluation of facts
- Reading comprehension
- Writing sample

For the June 16 Exam

DATE: Saturdays, May 10-June 7 (no class May 24)

TIME: 9 a.m.-1 p.m.

NUMBER OF MEETINGS: 4

UNITS: Non-credit

FEE: \$125

SEQUENCE NUMBER: 08-000-0529

LOCATION: CSUDH campus, HFA A219

INSTRUCTOR: Bobrow Test Preparation Services

GMAT (Graduate Management Admission Test) Review

This course will cover the various areas of the GMAT:

- Mathematical ability
- Reading comprehension
- English usage
- Sentence correction
- Business judgement
- Data sufficiency
- Plus a short review of basic arithmetic, algebra and geometry

For June 21 Exam

DATE: Saturday, May 31-June 14

TIME: 9 a.m.-3:30 p.m.

NUMBER OF MEETINGS: 3

UNITS: Non-credit

FEE: \$125 (includes materials)

SEQUENCE NUMBER: 05-001-0504

LOCATION: CSUDH campus, SC E149

INSTRUCTOR: Bobrow Test Preparation Services

GRE (Graduate Record Examination) Review

This test prep is geared to the latest format of the GRE. Special emphasis is given to the mathematical parts of the exam: quantitative comparisons and math ability.

Verbal analogies, antonyms, reading comprehension, sentence completion, analytical reasoning and logical reasoning will all be carefully examined and reviewed.

For the June 7 Exam

DATE: Sat., April 26-May 31 (no class May 24)

TIME: 9 a.m.-12:30 p.m.

NUMBER OF MEETINGS: 5

FEE: \$115 (includes materials)

SEQUENCE NUMBER: 08-000-0503

LOCATION: CSUDH campus, SC D154

INSTRUCTOR: Bobrow Test Preparation Services

Use the Extension registration form on page 24 to register for these classes.

CBEST: Complete Reading Preparation

Excel in the reading comprehension sections of the CBEST by sharpening your critical analysis skills, as well as your test-taking abilities. In this in-depth and thorough preparation for the reading section of the exam, you will also learn test-taking techniques to help you interpret the questions and to select the best answers.

In the series of five workshops, you will acquire strategies for improving literal, inferential, and critical comprehension of written passages. You will learn how to locate the main idea of a passage through its organization. How to infer the author's intent and logical possibilities for interpretation will be covered.

The class combines lecture-discussion with self-paced computer-assisted instruction (using the Apple computer and Plato software program). The computer programs help you to expand your vocabulary and to determine the meaning of new words.

Test-taking techniques to help you prepare for the CBEST examination will be emphasized.

Through this course you will:

- Become more confident of your ability to comprehend passages of prose
- Increase your reading speed through improved comprehension and vocabulary
- Formulate your own strategy for passing the CBEST

For the June 14 Exam

DATE: Saturdays, May 3-June 7 (no class May 24)

TIME: 9 a.m.-2 p.m.

NUMBER OF MEETINGS: 5

UNITS: Non-credit

FEE: \$70 (includes materials)

SEQUENCE NUMBER: 08-011-0572-01

LOCATION: CSUDH campus, SC E157

INSTRUCTOR: Joan Schulman, M.A., Reading Specialist, Learning Assistance Center, CSUDH

Math Review For CBEST (California Basic Educational Skills Test)

Review the basic mathematical skills and information that you will need to pass the math section of the CBEST.

This special 20-hour course will concentrate upon basic arithmetic, algebra, geometry, symbols and terminology, and graph reading. Test-taking skills will also be presented.

For the June 14 Exam

DATE: Saturdays, April 12-June 7 (no class May 24)

TIME: 1-4 p.m.

NUMBER OF MEETINGS: 8

UNITS: Non-credit

FEE: \$55, plus \$10 materials fee

SEQUENCE NUMBER: 08-011-0511

LOCATION: CSUDH campus, SC E145

INSTRUCTOR: Greg Perkins, Long Beach Unified School District Mathematics Teacher

Test Preparation For Bilingual Certificate Of Competence (Spanish)

CSUDH Extension offers two classes to prepare teachers for the Bilingual Certificate of Competence (Spanish) examinations. The morning session of these intensive workshops focuses on the Cultural component of the exam, and the afternoon session targets the Methodology component. Register for both the morning and afternoon sessions for a comprehensive review in preparation for the exam.

Dr. Max Contreras and Dr. Porfirio Sanchez, workshop leaders, helped develop competency standards for the State Certificate of Competency. This workshop is the only test preparation seminar being held in Southern California for the Bilingual Certificate of Competence Test.

Special emphasis will be placed on test taking strategies and time saving techniques.

Practice mini-tests will be administered during the workshop.

INSTRUCTORS

Porfirio Sanchez, Ph.D., is past director of Mexican-American Studies at CSUDH. Maximiliano Contreras, Ph.D., is an associate professor of Education, CSUDH, and is coordinator of the Bilingual/Crosscultural Specialist Credential Program at CSUDH.

CULTURAL COMPONENT

For the June 7 Exam

DATE: Saturday, May 31

TIME: 8:30 a.m.-12:30 p.m.

NUMBER OF MEETINGS: 1

UNITS: Non-credit

FEE: \$35

SEQUENCE NUMBER: 08-994-0507

LOCATION: CSUDH campus, HFA A224

METHODOLOGY COMPONENT

For the June 7 Exam

DATE: Saturday, May 31

TIME: 1:30-5:30 p.m.

NUMBER OF MEETINGS: 1

UNITS: Non-credit

FEE: \$35

SEQUENCE NUMBER: 08-994-0508

LOCATION: CSUDH campus, HFA A224

Use the Extension registration form on page 24 to register for these classes.

Science Technology Enrichment Program

(STEP)

Session I: June 30-July 10

Session II: July 21-31

For students entering 7th, 8th, or
9th grads in Fall 1986

The STEP project is designed to reinforce and enrich students' understanding of science and mathematics through creative and innovative courses led by local junior and senior high school faculty.

Students enroll in two classes per session. Classes meet Monday through Thursday. The program is divided into two sessions: June 30 to July 10 and July 21 to July 31. The course fee is \$80 for one two-week session (two classes); \$150 for both two-week sessions (four classes). All classes meet in the Natural Sciences and Mathematics Building on the CSU Dominguez Hills campus. To register, use the **Extended Education registration form** on page 24.

The Courses:

BACKYARD SCIENCE

Students will learn to design, build, and work experiments which reveal the fascinating world of science that exists in their own backyard.

MARINE BIOLOGY

An introduction to the biology of marine organisms, emphasizing local flora and fauna, which will be explored during a field trip. Lectures and demonstrations pertain to the marine ecosystem structure, taxonomy, and function of plankton, algae, invertebrates, vertebrates.

ESCAPS: ENRICHED STUDIES IN COMPUTER-BASED PROBLEM SOLVING

Data handling, number theory, measurement and geometric design are some of the areas to be discussed. Understanding of decimals, percents, and word problems also will be covered. This innovative program includes student use of the CSUDH mathematics computer lab (equipped with Apple II+ computers) for enhancement of chosen topics.

USE A COMPUTER TO MAKE REPORTS — CORRECTLY

Students will learn how to use computer programs such as word processing,

spelling checker, spreadsheet graphics charter and Print Shop to produce school reports. Course will cover: how to use the software, how to create school-approved layouts for title pages, footnotes, bibliographies, as well as when to use a graphic. Each student will be given a reference manual.

DRIVING THE OUTSIDE WORLD WITH AN APPLE

Students will build a simple circuit connected to the Apple computer and write programs to operate these circuits. Elementary BASIC and assembly language programming will be taught, as well as electric paths, hardware, logic, addresses, programs and languages.

THE SCIENCE OF PHOTOGRAPHY

An introduction to photography through a scientific rather than an artistic perspective. Students will use mathematics, chemistry, biology and simple physics as they work with simple and advanced cameras. The advancement of the photographic process will be studied by using pinhole cameras, 35mm cameras, macrophotography, and photomicroscopy.

NEIGHBORS: MICROBES ALL AROUND US

Designed for those students with an interest in the medical sciences, as well as an interest in the world of microscopic life. Bacteria, fungi, and protozoa will be studied in detail. The class will include lectures liberally mixed with hands-on laboratory experience in the culture, habitat and lifestyle of many microbes.

STEP SUMMER SCHEDULE

Session I: June 30-July 10	Sequence Number
Period 1: 8:30-10:15 a.m.	
Backyard Science	04-0501-01
Escaps	17-0501-01
The Science of Photography	19-0501-01
Period 2: 10:30 a.m.-12:15 p.m.	
Marine Biology	04-0502-01
Driving the Outside World . . .	07-0516-01
Neighbors: Microbes . . .	04-0503-01

Session II: July 21-31

Sequence Number

Period 1: 8:30-10:15 a.m.	
Backyard Science	04-0501-02
Using a Computer to Make Reports . . .	07-0515-01
The Science of Photography	19-0501-02
Period 2: 10:30 a.m.-12:15 p.m.	
Marine Biology	04-0502-02
Driving the Outside World . . .	07-0516-02
Neighbors: Microbes . . .	04-0503-02

Rhythmic Gymnastics For Girls 5-10 years

— Learn the basics of this new Olympic sport

An introduction to the fun and skills of rhythmic gymnastics. The sessions will help girls develop strength, flexibility, balance and grace. Techniques for ballet, modern and jazz dance will be covered as students learn to work with balls, ropes, hoops, clubs and ribbons. Physical conditioning as well as self-expression will be emphasized.

ABOUT THE INSTRUCTORS

Jolie Baretta, B.A., U.S. National Team coach for Rhythmic Gymnastics; head coach, West Coast Waves. Sandy Shannon Conley, four-time National Rhythmic Gymnastics team member; coach, West Coast Waves.

FEE: \$25 for 1 day per week for 4 weeks
\$50 for 2 days per week for 4 weeks

Students pay for Rhythmic Gymnastics classes by the calendar month or 4-week sessions.

At CSUDH Gymnasium:

For Girls Ages 5-7½

SEQUENCE NUMBER: 08-350-0570-03
DATE: Tuesday and Thursday, June 3-26
TIME: 3:20-4:20 p.m.

For Girls Ages 7½-10

SEQUENCE NUMBER: 08-350-0570-04
DATE: Tuesday and Thursday, June 3-26
TIME: 4:20-5:20 p.m.

**Use the Extension registration form
on page 24 to register for these
classes.**

Summer Extension Program • Classes for Young People

Creative Drama and Acting

Eight 45-minute classes (\$40)

Basic techniques of creative drama, speech and movement skills taught through the use of theatre games and other activities. Recital at the last class meeting. Classes held in HFA A202.

Dates: Saturdays, June 21-August 9

(Classes will meet July 5)

#540 11-11:45 a.m. (6-9 year-olds)

#541 12-12:45 p.m. (10-12 year-olds)

#542 1-1:45 p.m. (teens)

Private Music Lessons

Eight 30-minute lessons (\$68 fee)

Lessons begin week of June 16. Music recital at last class meeting. Call the Department of Music at 213/516-3543 to arrange lesson times with an instructor.

#501 Piano	#510 Trombone
#502 Violin, Viola	#511 French Horn
#503 Cello	#512 Tuba
#504 String Bass	#513 Drums and Percussion
#505 Flute	#514 Guitar
#506 Oboe	#515 Electric Bass
#507 Clarinet	#516 Voice
#508 Saxophone	#517 Recorder
#509 Trumpet	

Orff Schulwerk

Music and Movement for Children

Eight 45-minute classes (\$40 fee)

Prepares children for later musical instruction by developing hand and body coordination, sense of pitch, and beginning note reading. Recital at the last class meeting. Classes held in HFA A204.

Dates: Saturdays, June 21-August 9

(Classes will meet July 5)

#535 11:15 a.m.-Noon (3-5 year-olds)

#536 Noon-12:45 p.m. (6-9 year-olds)



Ballet

Eight 45-minute classes (\$40 fee)

Improves grace, flexibility, posture and self-image while providing a solid grounding in classical ballet technique. Recital for Saturday classes will be held at last class meeting. Classes are held in the rehearsal hall of the University Theatre.

Dates: Saturdays, June 21-August 9

(Classes will meet July 5)

#521 9-9:45 a.m. (6-8 year-olds)

#522 10-10:45 a.m. (3-5 year-olds)

#533 11-11:45 a.m. (9-12 year-olds)

#524 12:30-1:15 p.m. (teens and adults, beginning grade I)

#525 1:30-2:15 p.m. (teens and adults, grade II and advanced)

#526 2:30-3:15 p.m. (advanced)

Individual Music Lessons

—Degree applicable credit

You can receive five hours or ten half-hours of private music lessons per unit, with university appointed instructors. Times are arranged with the teachers through the Department of Music, HFA A332, or by telephone, 516-3543. A special fee of \$160.50 per unit of credit is required. Auditions are mandatory for upper division lessons (200 or 300 course numbers). Students are expected to perform in a student recital at the end of each quarter.

Music X192 INDIVIDUAL LESSONS on any musical instrument or voice, 1 unit.

Music X261 INDIVIDUAL LESSONS: Conducting, 1 unit.

Music X286 INDIVIDUAL LESSONS: Composition and arranging, 1 unit.

Music X287 INDIVIDUAL LESSONS: Voice, 1 unit.

Music X288 INDIVIDUAL LESSONS: Woodwinds, 1 unit. (Includes flute, oboe, clarinet, bassoon, saxophone and recorder)

Music X289 INDIVIDUAL LESSONS: Strings, 1 unit. (Includes violin, viola, cello, string bass, guitar and electric bass).

Music X290 INDIVIDUAL LESSONS: Brass, 1 unit. (Includes trumpet, trombone, french horn and tuba).

Music X291 INDIVIDUAL LESSONS: Keyboard, 1 unit.

Music X297 INDIVIDUAL LESSONS: Percussion, 1 unit. (Drums and other percussion instruments).

Music X381 PERFORMANCE, PERFORMANCE PRACTICES AND RÉPERTOIRE, 2 units. Advanced individual lessons on any instrument or voice incorporating practical performance with a scholarly investigation of performance practices and music literature in the student's area of specialization.

California State University, Dominguez Hills • Extension Registration

Course Title										Sequence Number											
Course Title										Sequence Number											
Student I.D. Number (if known)										Social Security No.											
First Name										M.I.		Last Name									
Address																					
City										State					Zip						
Phone/Area Code/Day					Ext.		Night			Home County					Male/Female						
Job Title																					
Employer's Name and Address																					

Total enclosed \$

☐ Check enclosed (payable to CSUDH Extension)

I wish to use:

☐ VISA ☐ MasterCard

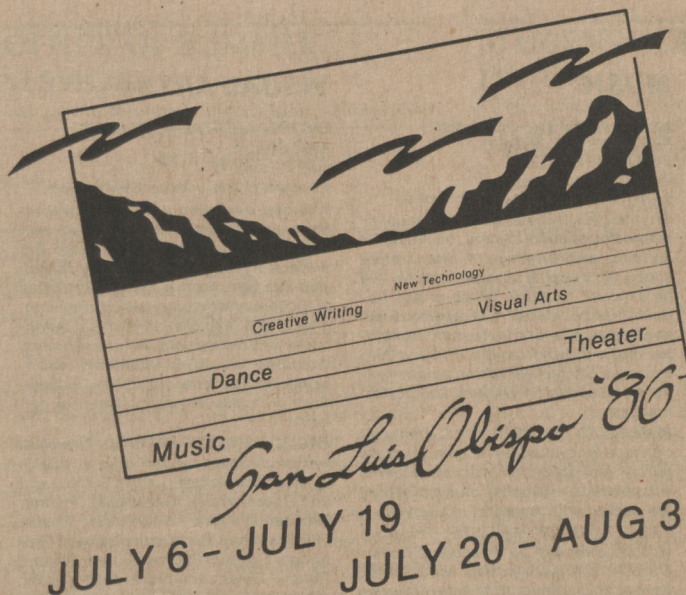
Card Number Exp. Date

Cardholder's Signature

Cardholder's Name (print clearly)

Mail to: Division of Extended Education, CSUDH, ERC C508, Carson, California 90747

For information concerning special services to accommodate a physical, perceptual or learning disability, please contact Disabled Student Services Office on campus (Phone 213/516-3660)



Sponsored by the 19 campus California State University System, Summer Arts 86 offers study with leading artists, choreographers, dancers, musicians, film makers, actors and directors. This unique learning experience offers skill development in individual arts and the potential for interdisciplinary exploration.

Located on the campus of California Polytechnic State University, San Luis Obispo

DAILY SCHEDULE

7:00 a.m. - 7:30 a.m.
Tai CHI/Dance Exercise/Jogging

7:30 a.m. - 8:30 a.m.
Breakfast and Announcements

9:00 a.m. - 10:00 a.m.
Interdisciplinary Dialogue

10:00 a.m. - 12:00 p.m.
Master Classes

12:00 p.m. - 1:00 p.m.
LUNCH

1:30 p.m. - 3:00 p.m.
Master Classes

3:15 p.m. - 4:15 p.m.
Large Ensemble and/or Master Class Critique Sessions

4:30 p.m. - 5:30 p.m.
Master Presentations/Arts Encounter Dialogue

5:30 p.m. - 6:00 p.m.
Tai CHI/Dance Exercise/Jogging

6:00 p.m. - 7:30 p.m.
DINNER
Entertainment/Speakers

8:00 p.m. - 10:00 p.m.
Workshop Presentations/
Planned Events

FEE RATE

1) Currently enrolled students who are residents of California (academic credit)	
2 week fee	\$138.00
2 week room & board	\$357.00
	\$495.50
2) Currently enrolled students who are non residents of California (academic credit)	
2 week fee	\$378.00
2 week room & board	\$357.00
	\$735.50
3) Extension student (Extension credit)	
2 week fee	\$306.00
2 week room & board	\$357.00
	\$663.50

For Registration Form

call (213) 590-5768

Write: Summer Arts 86

400 Golden Shore

Long Beach, CA 90802-4275

REGISTRATION DEADLINE - MAY 18, 1986

NEW TECHNOLOGY

SOCIETY, TECHNOLOGY
AND THE ARTS TODAY

July 13 - July 26

4.5 quarter units/3 semester units

This two-week session will demystify new technology through presentation of its history and hands-on sessions with equipment. Students will gain experience and proficiency in the language of new technology, allowing them to make art works during this session. Students will be encouraged to create individual projects and to work on a collaborative project with other students.

FACULTY AND GUEST ARTISTS:

This workshop will be directed by Lynn Hershman, Director Film/Video, SFSU. Guest artists include: Earl Loeffler, Nancy Frank, Luca Muscara, Fortuny Palace, David James, John Sanborn, Max Almy, Kenn O. Beckman, Gene Fairly, Walter Turick, Bob Gutterrez, John Wyvver, Vivien Mantz, Max Newhaus, Tod Gitlin, Paul Kaufman, Umberto Eco, Steve Beck, and Jean Baudrillard.

PREREQUISITES: Students will be expected to have attained at least an intermediate level in video or film production. Submit a one page background paper and a video tape or photographs; storyboards, and/or treatments and scripts. Academic evaluations may be considered in the final selection.

COMPUTER GRAPHICS

July 6 - July 19

4.5 quarter units/3 semester units per 2 week session.

A two-week intensive workshop utilizing the newest technology in design as a natural evolution from earlier technologies. Students will explore 2d and 3d computer graphics as applied to the specific disciplines of graphics, illustration and environmental design. Each day will include time for interactive demonstrations, discussions, and hands-on studio experience.

FACULTY & GUEST ARTISTS: The class will be conducted by Lotan Berg, CSUF, computer graphic instructor and freelance computer graphic designer. Guest artists include: Warren Malveav, Richard Vaughn, Jan Sircus, Larry Burchard, Judy Rosenfield, Glenn Entis, Art Durinski, Mitchell Wade, and Peter Sorensen.

PREREQUISITES: Basic knowledge and experience in design concepts.

COMPUTER/ELECTRONIC MUSIC AND CONTEMPORARY MEDIA

July 6 - August 2

4.5 quarter/3 sem. units per 2 wk. session

A two to four-week intensive hands-on seminar dedicated to various compositional, performance and production aspects of state-of-the-art computer and electronic music. The course is designed to integrate with other arts programs, thereby generating various interdisciplinary productions, and will demonstrate possible commercial applications of technical music.

FACULTY/GUEST ARTISTS: Dr. Allen Strange, SJSU, will direct this seminar. Guest artist/teachers include: Morton Subotnick, composer and Milton Frazer, editor of Keyboard Magazine.

PREREQUISITES: Submit original notated scores and/or improvisations and/or performance tapes for evaluation for admission. Keyboard proficiency is not a prerequisite. Academic evaluations may be considered in the final selection.

CREATIVE WRITING

POETRY: SOUND, IMAGE
AND INTERPRETATION

July 6 - July 19

4.5 quarter/3 sem. units per 2 wk. session

A workshop in developing poetic skills. Students will work with the awareness that their poems will provide the focus for students in the other arts. In conjunction with the improvisational mode of the Arts Encounter work, master classes will explore the making of FOUND poetry, extending the idea from its usual collection of lines from other sources, to a collection of visual images collected from the surroundings, from guest speakers, and from the encounter sessions themselves. In addition, students will be encouraged to extend their sense of poetic mode to include sounds mixed with words/ images, or even the use of vocal sound only. Students will be asked to consider how to shape such poems, what their limits are, and whether one redefines an artform when it is joined with others.

FACULTY/GUEST ARTISTS: The workshop will be conducted by Dr. Lou Lewandowski, SJSU. Guest artists to be announced.

FICTION: NARRATION AND IMAGE

July 20 - August 2

4.5 quarter/3 sem. units per 2 wk. session

This workshop will concentrate on the idea that whatever is produced will be translated. The gift a writer can bring to those in the other arts is the power caught in words. A series of images, captured in dialogues or descriptions of settings, can provide the emotional spine of an interdisciplinary piece. An overlay of images from the other arts will produce a metaphoric stability that promotes clarity for even the most complicated or the most abstract message. Students should move from a traditional narrative structure to one that can carry meaning by the use of the other arts. The process involves, perhaps, a condensation of a story into shorthand versions which concentrate on emotional movements and then on accompanying or substituted imagistic maps.

FACULTY/GUEST ARTISTS: The workshop will be conducted by Dr. Lou Lewandowski of SJSU. Guest artists to be announced.

DANCE

MODERN DANCE

July 6 - July 19

4.5 quarter/3 sem. units per 2 wk. session

A one to two-week comprehensive workshop in modern dance encompassing the study of technique, improvisation and composition with a distinguished faculty of teachers, choreographers and dancers. There will be opportunities to explore new areas with students and faculty from the other arts who are attending similar workshops. The schedule includes six hours daily dance classes plus optional interdisciplinary studies.

FACULTY/GUEST ARTISTS: The workshop will be conducted by Cliff Keuter, Eliva Mooney, SJSU, and Jeff Slayton, CSULB. Guest artists include members of the Lar Lubovitch, Philobolus, and Mark Morris Dance Companies.

PREREQUISITES: Candidates must be 18 years or older and at an intermediate/advanced level. Previous dance training will be evaluated for admissions.

JAZZ DANCE

July 20 - August 2

4.5 quarter/3 sem. units per 2 wk. session

A one to two-week intensive workshop in the jazz dance idiom with internationally renowned guest artists. Daily classes will include jazz technique and improvisation. Dancers will have opportunities to interact with students in the Jazz Music Workshop. The schedule will include a minimum of three dance classes per day.

FACULTY/GUEST ARTISTS: The workshop will be conducted by Michele Simmons, CSULB; Gus Giordano, Jazz Dance Co.; and Lynn Simonson of Dance Space, Inc.

PREREQUISITES: Candidates must be 18 years or older and at an intermediate/advanced level. Previous dance training will be evaluated for admission.

CHOREOGRAPHERS' WORKSHOP

July 6 - August 2

4.5 quarter/3 sem. units per two wk. session

A two to four-week workshop in a creative environment exploring innovative approaches to the creative process. Students will work under the guidance of a gifted faculty of nationally recognized artists/teachers. Opportunities will be provided for choreographers to collaborate with composers who will be enrolled in music workshops.

FACULTY/GUEST ARTISTS: The workshop will be conducted by Nancy Mason Hauser and Pat Sandback, SDSU; Mary Jane Eisenberg, CSULB; and members of Philobolus, Lar Lubovitch, Gus Giordano, Lewitzky, Lynn Simonson, and Mark Morris Dance Companies.

PREREQUISITES: Minimum age is 18 and limited to students with previous experience in choreographing their own works (intermediate/advanced level).

THEATRE ARTS

ADVANCED ACTING WORKSHOP

July 6 - 19

4.5 quarter/3 sem. units per 2 wk. session

A two-week intensive study of character development, concentrating on the carefully prepared audition piece, and providing the student with a wide variety of methods to create believable characterizations. Actors will be taught how to "use the script" and how to stimulate a creative imagination through improvisational techniques. Guest lecturers will lead workshops in voice, diction, and stage movement. Scene work will be supplemented by exercises to strengthen physical movement and business as it develops from character motivations. Attention will be given to subtext, imagery and an "internal" approach to creating a role. The workshop will culminate in scene presentations.

FACULTY/GUEST ARTISTS: The workshop will be conducted by Dr. Jay E. Fields of SDSU, who has spent twenty years directing theatrical productions and guiding actors. Guest actors/directors will be chosen from San Diego's Old Globe Theatre and the La Jolla Playhouse.

PREREQUISITES: Submit an audition video tape which includes a 90 second contemporary monologue and a 90 second classical monologue for evaluation for admission.

NEW VAUDEVILLE AND VARIETY ARTS

July 20 - August 2

4.5 quarter/3 sem. units per 2 wk. session

VAUDEVILLE AND VARIETY ARTS: TECHNIQUES AND SKILLS

July 20 - 27

Intensive training in vaudeville, circus, and variety skills. Group and individual coaching in tumbling, acrobatics, juggling, rope walking, eccentric music (spoons, washboard, etc.) unicycle, bongo board, balancing, object manipulation and stunts. Application of vaudeville and circus techniques to scenes from the classic repertory. Development of texts and scenarios for new vaudeville performance will be developed.

FACULTY/GUEST ARTISTS: This workshop will be directed by Larry Eilenberg, SFSU. Guest artists include: VAUDEVILLE NOUVEAU (Daniel Mankin, Jeff Raz, and Mark Sackett).

MASKS: CONSTRUCTION AND PERFORMANCE, MIME FOR THE ACTOR AND CLOWN-THEATRE

July 27 - August 2

The use of character masks and mask characters for rehearsal and performance. Physicalizing the actor's imagination through mask work. Construction of theatrical masks in materials ranging from paper to plastic. Advanced practice in expressive body movement for the actor, with special emphasis on the techniques of contemporary mime. Development of solo and ensemble clown performance pieces. Improvisation in clown characters.

FACULTY/GUEST ARTISTS: This class will be directed by Larry Eilenberg, SFSU. Guest artists include: Leonard Pitt, Mime for the Actor; Sandra Archer, Dell Arte School; Letitia Bartlett, Make "A" Circus; and Avner Eisenberg, Avner the Eccentric. **PREREQUISITES:** Open to intermediate and advanced Theatre and Dance students.

MUSIC

MUSIC FROM THE PAST AND PRESENT/THE ART OF INTERPRETATION

July 6 - July 19

4.5 quarter/3 sem. units per 2 wk. session

An intensive two-week performance institute designed to expand the student's stylistic awareness and interpretive scope. At the same time participants will be exposed to music which is less frequently encountered. The repertoire will emphasize vocal and instrumental chamber music drawn from the 18th and 20th centuries. Students will participate in master classes, demonstrations and performances.

PREREQUISITE/AUDITION: Submit audition tape for evaluation for admission. As part of the application process, students will be asked to propose music that they are particularly interested in studying.

FACULTY/GUEST ARTISTS: This class will be directed by Frances Steiner, CSUDH, with guest artists Nico Castel, Kathy Lenski, Kenneth Munday, Charles Rosen, James Decker, Donald McGinnis, Charles Baker and Claudia Kitka.

JAZZ INSTITUTE

July 20 - August 2

4.5 quarter/3 sem. units per 2 wk. session

A two-week intensive workshop in the creation, performance, history and analysis of jazz for instrumentalists and vocalists, with special emphasis on the art of improvisation. Each day will include small ensemble and large ensemble performances, master classes and lecture demonstrations by visiting artists. Students will be able to concentrate on the development of technique and the enhancement of repertoire and will acquire an understanding of the syntax, semantics and kineshetics of jazz.

Evenings will include collaborative performances and the Institute will culminate with a weekend public festival/concert (Friday, Aug. 1).

FACULTY/GUEST ARTISTS: The class will be instructed by Dr. Eddie S. Meadows, SDSU; Dr. Dwight Cannon, SJSU; and guest artists David Baker (Brass and Strings); Billy Taylor (piano); and Bobby McFerrin (vocal).

PREREQUISITE: Open to intermediate and advanced students. Students should submit audition tapes for evaluation and admission.

VISUAL ARTS

ENVIRONMENTAL SURFACES AND SPACE

July 6 - July 19

4.5 quarter/3 sem. units per 2 wk. session

This two-week studio workshop will explore the possibilities associated with contemporary surface and spatial art. Surface and space are generally associated with painting, graphics and sculpture but, in the contemporary period of environmental arts, exploration of this phenomenon has moved into the environment, including urban environments, earthworks, architecture, graffiti, and installations in museums and commercial galleries.

FACULTY/GUEST ARTISTS: This class will be directed by Ted Kerzie, CSUB. Guest artists include: James Turrel, Light and Space; Walter Gabrielson, Painter; Michael Brewster, Sound and Space; Melinda Wortz, Performance; David Thorbridge, Painter; George Kettell, Painter; Roland Reiss, Sculpture; Bob Jugent, Mixed Media.

PREREQUISITES: Basic knowledge and experience of visual concepts

CRAFTS RENAISSANCE/BEYOND FUNCTION, BEYOND WORDS

July 6 - July 19

4.5 quarter/3 sem. units per 2 wk. session

This intensive, hands-on workshop provides an exceptional opportunity to study with distinguished artists dedicated to the development of awareness, inner motivation and the aesthetic sensitivity essential for individual expression. Participants may elect to study in the following areas: Hot glass forming, wood and mixed media, jewelry, metal work, enameling and blacksmithing.

FACULTY/GUEST ARTISTS: Hot Glass Forming: George Jerich - CSSLO, Dale Chihuly - Tacoma, Washington; Wood and Mixed Media: Frank Cummings - CSUF; C. R. "Skip" Johnson - Madison, Wisconsin; Jewelry, Metal Work, Enameling and Blacksmithing: Diter Muller - Stach, CSULB; Munya Abigale Upin - Southwest Texas.

PREREQUISITE: Basic knowledge and experience in the elected area.

FIGURE SYMPOSIA

July 20 - August 2

4.5 quarter/3 sem. units per 2 wk. session

A rigorous, two-week series of studio experiences in figurative art, concluding with two days of studio and critique interaction with guest artists. For the advanced student who desires an intensive academic program to augment established abilities in drawing, painting, the figure. Topics and projects will include advanced studies in light and color, and the use of set palettes; practices and objectives in developing an academe: drapery and the figure; studio practices in integrating the live model with scale-models; environments, and traditional and contemporary practices in portraiture.

FACULTY/GUEST ARTISTS: The class will be directed by Don Lagerberg, CSUF; guest artists to be announced.

PREREQUISITE: Knowledge of, and experience with, Life Drawing.

OFFICE OF SUMMER SESSION

Educational Resources Center C508, 213/516-3746

The office is open 8 a.m.-5 p.m., Monday through Friday.

INFORMATION AND SERVICE CENTER

Small College Complex A130, 213/516-3696

The Information and Service Center, located at the front of the campus, aids the campus population, prospective University applicants, and community members by providing essential, centralized information on campus resources, activities and programs. The Center also makes appropriate referrals to other campus units. Brochures, maps, directories, and other materials are available to students and visitors.

Center functions include maintaining a centralized calendar of campus activities, handling all application requests, providing information on admission policies and procedures, giving pre-admission and general academic advising, and answering questions on general academic policies. Summer hours are: Monday through Thursday, 8 a.m.-9 p.m., Friday 8 a.m.-5 p.m.

EVENING SERVICES

Small College Complex, A130, 213/516-3696

Evening Services are provided for the University summer student population in the Information Center.

On Monday through Thursday evenings, 5 to 9 p.m., staff is available to assist students with admission information, University academic policies, notary services, after-hours Admission and Records office support, withdrawal and refund procedures, and delivery and go-between services.

Generally, we attempt to assist evening students so that they may function with the same effectiveness and convenience as during the day.

STUDENT ACTIVITIES/THE UNION

Cafeteria/Student Area, 213/516-3559

The Office of Activities (and temporary union), which is part of Student Programs, is located in the north and west wings of the Commons. The staff is dedicated to providing a rich, multifaceted schedule of events throughout the academic year.

The Office of Activities provides an activity lounge, meeting room, television viewing area, game area, mini do-it-yourself postal service, and a check-out service for games and other equipment to serve the needs of students, faculty and staff. Information about campus-wide student activities is available at the service desk.

The staff works closely with the Associated Students and can answer questions about student government. The Office of Activities also works with recognized student groups and serves as liaison between student activities and University administration.

PARKING

Small College Complex A122, 213/516-3696

All vehicles parked on this campus must have a valid parking decal either on the left rear bumper or hanging from the rear-view mirror. On motorcycles, the decal is affixed to the front left fork. Single entry parking permits can be obtained for 75¢ from a vending machine near the entrance of each general parking lot. Restricted parking areas are enforced at all times. Parking decals for Summer Sessions can be purchased during open registration and starting June 18 at the Cashier's Office (SCC B130), open 9 a.m.-6 p.m., Monday through Thursday.

For more information about the University's parking regulations, please contact the Director of Public Safety.

UNIVERSITY BOOKSTORE

Small College Complex F130, 213/516-3789

Course materials, the *University Catalog* and schedule, supplies, gift wares, and clothing are available at the Bookstore. Summer hours are as follows:

June 16-20, Monday through Friday, 8:30 a.m.-4:00 p.m.

June 23-26, Monday through Thursday, 8:30 a.m.-7:30 p.m.

June 27-August 1, 8:30 a.m.-4:00 p.m.
(Closed on July 4 (Holiday))

August 4-8, Monday through Friday, 8:30 a.m.-7:30 p.m.

August 11-22, 8:30 a.m.-4:00 p.m.

The Bookstore is closed on weekends.
Bookstore hours may change.

STUDENT HOUSING

Pueblo Dominguez Student Apartments,
P.O. Box 6228, Carson, CA 90749-6228
213/516-4228

Information regarding on-campus housing while attending CSUDH Summer Sessions may be obtained by writing or phoning the Office of Student Apartments.

UNIVERSITY LIBRARY

Educational Resources Center, 213/516-3714

During the summer, the library will be open according to the following schedule:

Main Summer Session — June 23-August 1

Monday-Thursday	7:00 a.m.-8:00 p.m.
Friday	7:00 a.m.-5:00 p.m. (closed July 4)
Saturday	9:00 a.m.-1:00 p.m. (July 12, 19, 26 only)
Sunday	CLOSED

Post Summer Session — August 5-August 29

Monday-Friday	7:00 a.m.-5:00 p.m.
Saturday and Sunday	CLOSED

CAFETERIA AND FOOD SERVICE

Cafeteria Student Area G120, 213/516-3814

The Cafeteria will be open throughout the summer, Monday through Friday, 8 a.m. until 2 p.m.

In addition, vending machines are located on the ground floor of the Educational Resources Center (library) and of the Social and Behavioral Science building. For the convenience of evening students, a catering truck will be parked on campus near the Social and Behavioral Science building.

VETERANS' SERVICES

Small College Complex B145L, 213/516-3643

The office of Veteran Affairs provides a wide variety of services and programs for veterans and veterans' dependents in reaching their educational and career goals. Veterans are assisted in dealing with the Veterans Administration, the State of California, the Department of Veteran Affairs, and with problems that are a barrier to their success on campus.

Veterans are encouraged to utilize the following services, available for both day and evening students:

- Pre-admission advisement
- Community referral services
- Veterans' benefits counseling
- Tutorial Assistance
- Special admissions to the University
- Vocational Rehabilitation Program
- Academic Advisement

HEALTH PROGRAMS AND PSYCHOLOGICAL COUNSELING

Student Health Center A141, 213/516-3818

The Health Programs and Psychological Counseling unit offers personal counseling and group counseling during the Summer Sessions. Students must have attended Spring Quarter 1986 in order to be eligible for counseling.

DISABLED STUDENT SERVICES

Student Health Center A106,
213/516-3660/TDD/516-4028

The Disabled Student Services Office is committed to the student with a disability and his or her right to an equal educational experience. Students having a disability which is either permanent or temporary in nature, are eligible for a variety of support services including:

- Admissions/Registration Assistance
- Priority Registration
- Readers-Notetakers-Interpreters
- Assistive devices and equipment loans
- Medical Parking
- Information and referral

Information regarding these and other services can be obtained by calling the Disabled Student Services Office.

ADMINISTRATIVE OFFICERS

W. Ann Reynolds, Ph.D., Chancellor of the California State University.

Richard Butwell, Ph.D., President.

Administrative officers, Summer Sessions.

Daniel W. Shannon, Ph.D., Dean, Extended Education.

Nancy Lacefield, M.A., Administrator, Summer Session.

TESTING OFFICE

Small College Complex 144A, 213/516-3909

The Testing Office provides the following services:

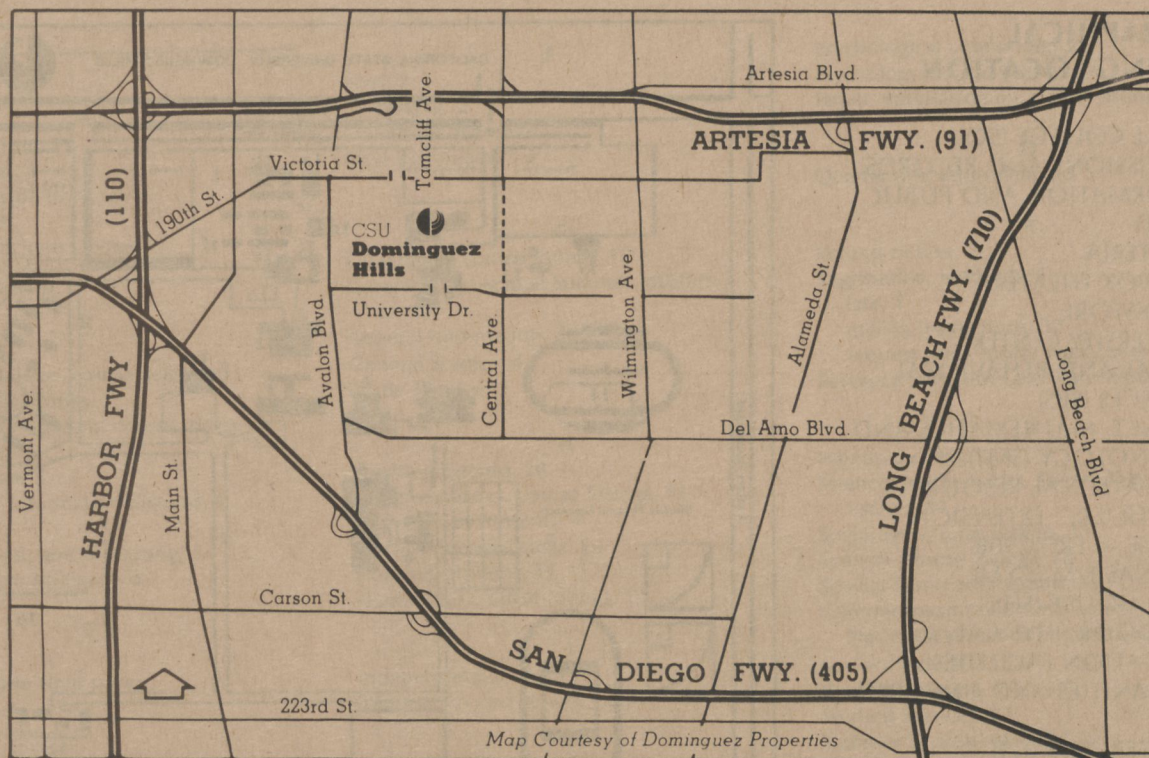
National Test Programs—

Information and registration materials for the GRE, SAT, ACT, DAT, LSAT, GMAT, MCAT, CLEP (credit by exam programs) and CBEST.

Individual Diagnostic Testing —

Interest inventories and other diagnostic instruments are administered to students who have been referred by counselors in the Student Development or Health and Psychological Services.





FROM LOS ANGELES CIVIS CENTER - 110 SOUTH - Follow the Harbor Freeway (110) to the Artesia Freeway (91) east to Avalon Blvd. Take Avalon Blvd. south to Victoria Street, turn left. The entrance to campus is a right turn at Tamcliff Avenue.

FROM SAN FERNANDO VALLEY - 405 SOUTH or 101 EAST - Follow the San Diego Freeway (405) south toward Long Beach. Exit on the Vermont Avenue off-ramp. Turn left (east) at the end of the off-ramp onto 190th Street. Follow 190th Street for approximately two miles to the campus (190th Street becomes Victoria Street). The campus entrance is a right turn at Tamcliff Avenue, the first traffic signal past Avalon Blvd.

FROM SANTA MONICA - 10 EAST - Follow the Santa Monica Freeway (10) east to the San Diego Freeway (405) south toward Long Beach. Exit at the Vermont Avenue off-ramp. Turn left (east) at the end of the off-ramp onto 190th Street. Follow 190th Street east for approximately two miles to the campus (190th Street becomes Victoria Street). The campus entrance is a right turn at Tamcliff Avenue, the first traffic signal past Avalon Blvd.

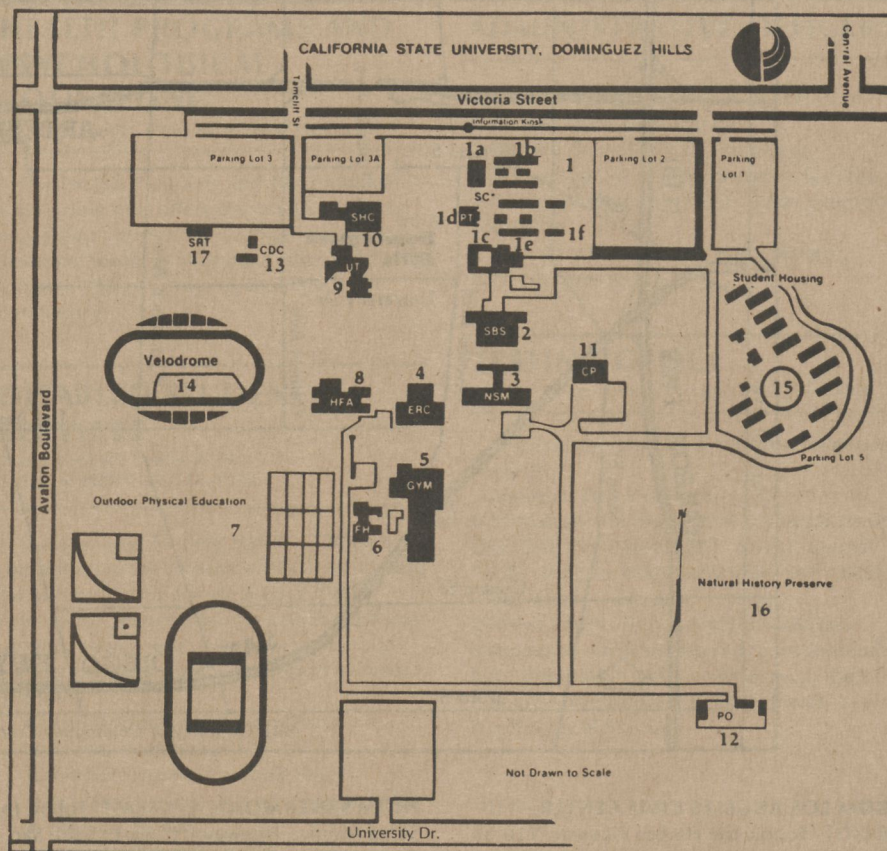
FROM SAN BERNARDINO - 10 WEST - Follow the San Gabriel Freeway (605) south. Take the Artesia Freeway (91) west toward Redondo Beach. Exit on Central Avenue and turn right onto Victoria Street. The campus entrance is a left turn at Tamcliff Avenue, a traffic signal.

FROM ANAHEIM - NORTH - Follow the Santa Ana Freeway (5) north to the Artesia Freeway (91) west toward Redondo Beach. Exit on Central Avenue turn left, then turn right onto Victoria Street. The campus entrance is a left turn at Tamcliff Avenue, a traffic signal.

FROM SAN DIEGO - 405 NORTH - Follow the San Diego Freeway (405) north toward Los Angeles to Avalon Blvd. (north) off-ramp. Take Avalon Blvd. north (right) to Victoria Street. Turn right (east) onto Victoria Street. The entrance to the campus is a right turn at the next traffic signal, Tamcliff Avenue.

GEOGRAPHICAL BUILDING LOCATION

- 1 SMALL COLLEGE (SC)
- 1a ADMISSIONS AND RECORDS
- 1b INFORMATION AND PUBLIC SAFETY
- 1c CAFETERIA
- 1d PLAYBOX THEATER
- 1e BOOKSTORE
- 1f UNIVERSITY CENTER
- 2 SOCIAL AND BEHAVIORAL SCIENCES (SBS)
- 3 SCIENCE, MATHEMATICS AND TECHNOLOGY (SMT)
- 4 EDUCATIONAL RESOURCES CENTER (ERC) EXTENSION OFFICE — ERC C508
- 5 GYMNASIUM (GYM)
- 6 FIELD HOUSE (FHS)
- 7 OUTDOOR PHYSICAL EDUCATION FACILITIES
- 8 HUMANITIES AND FINE ARTS (HFA)
- 9 THEATER ARTS (UT)
- 10 HEALTH CENTER (SHC)
- 11 CENTRAL PLANT
- 12 PLANT OPERATIONS
- 13 CHILD DEVELOPMENT CENTER
- 14 VELODROME
- 15 STUDENT HOUSING
- 16 NATURAL HISTORY PRESERVE
- 17 PORTABLE CONFERENCE FACILITY (SRT)
- *PARKING KIOSK

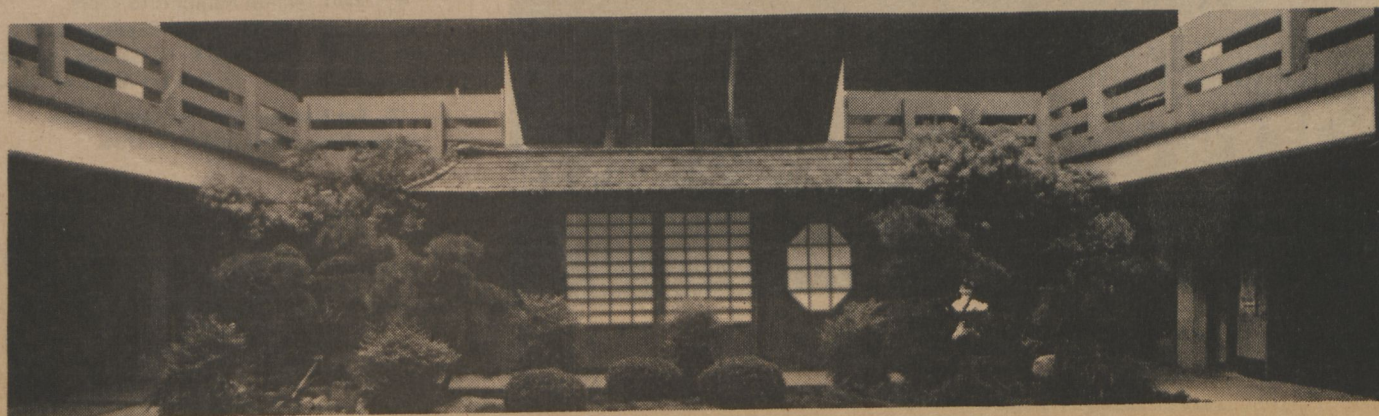


ALPHABETICAL BUILDING LOCATION

- | | |
|--------------------------------------|---|
| 1a ADMISSIONS AND RECORDS | 7 OUTDOOR PHYSICAL EDUCATION FACILITIES |
| 1e BOOKSTORE | 12 PLANT OPERATIONS |
| 1c CAFETERIA/COMMONS | 1d PLAYBOX THEATER |
| 11 CENTRAL PLANT | 17 PORTABLE CONFERENCE FACILITY (SRT) |
| 13 CHILD DEVELOPMENT CENTER | 3 SCIENCE, MATHEMATICS AND TECHNOLOGY (SMT) |
| 4 EDUCATIONAL RESOURCES CENTER (ERC) | 1 SMALL COLLEGE (SC) |
| 6 FIELDHOUSE (FHS) | 2 SOCIAL AND BEHAVIORAL SCIENCES (SBS) |
| 5 GYMNASIUM (GYM) | 15 STUDENT HOUSING |
| 10 HEALTH CENTER (SHC) | 9 THEATER ARTS (UT) |
| 8 HUMANITIES AND FINE ARTS (HFA) | 1f UNIVERSITY CENTER |
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Instructions for Mail-In Registration

How to Register by Mail

Mail-in Registration begins March 31 and ends June 6 for **Main Session** courses. Mail-in registration ends July 18 for **Post Session** courses. Students may register for both sessions during the mail-in period for Main Session. Once a student has registered by mail for a session, *he/she must follow instructions for adding and dropping in order to change the program for the session.*

1. Please read carefully sections of this Schedule regarding refunds, change of program, and "How To Read The Course Description." Please note special requirements or fees, prerequisites or approvals, and special dates for individual courses.

2. To fill out the Registration Request Form, PRINT clearly with a ballpoint pen. Please supply all requested information. It is important that the information is complete and correct in order for your registration to be processed.

3. Unless special written approval is obtained by student, *total units for Main Session may not exceed 12. Total for Post may not exceed 8.*

Application for exceeding the maximum units is available in office of Summer Sessions (ERC C508). This must be submitted with registration.

For courses which require consent of instructor, obtain an approval card from the Office of Summer Sessions, or the departmental office and have the instructor or

departmental representative sign this card. Or request the department or instructor to forward signed approval card to the Office of Summer Sessions. We cannot process registration for courses requiring consent of instructor until we have the instructor's written approval/signature.

4. Check course descriptions for amount of course fee and lab fee, if any. *A Student Center fee of \$3.00 and a Student Activity fee of \$5.00 are required of each individual registering for Summer Sessions.* Your request for courses cannot be processed unless these fees are included in the total fees submitted. Full payment of all fees, *except parking fees*, must accompany your request for registration.

5. Make check or money order payable to CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS. Do not send cash. Send registration with a stamped, self-addressed envelope to:

OFFICE OF SUMMER SESSION (ERC C508)
California State University, Dominguez Hills
1000 E. Victoria Street
Carson, California 90747

The self-addressed, stamped envelope will be used to mail Summer Session ID/receipts to students.

6. Early registration delivered to the Office of Summer Session on a walk-in basis will be accepted **only** if fee payment is for exact amount.

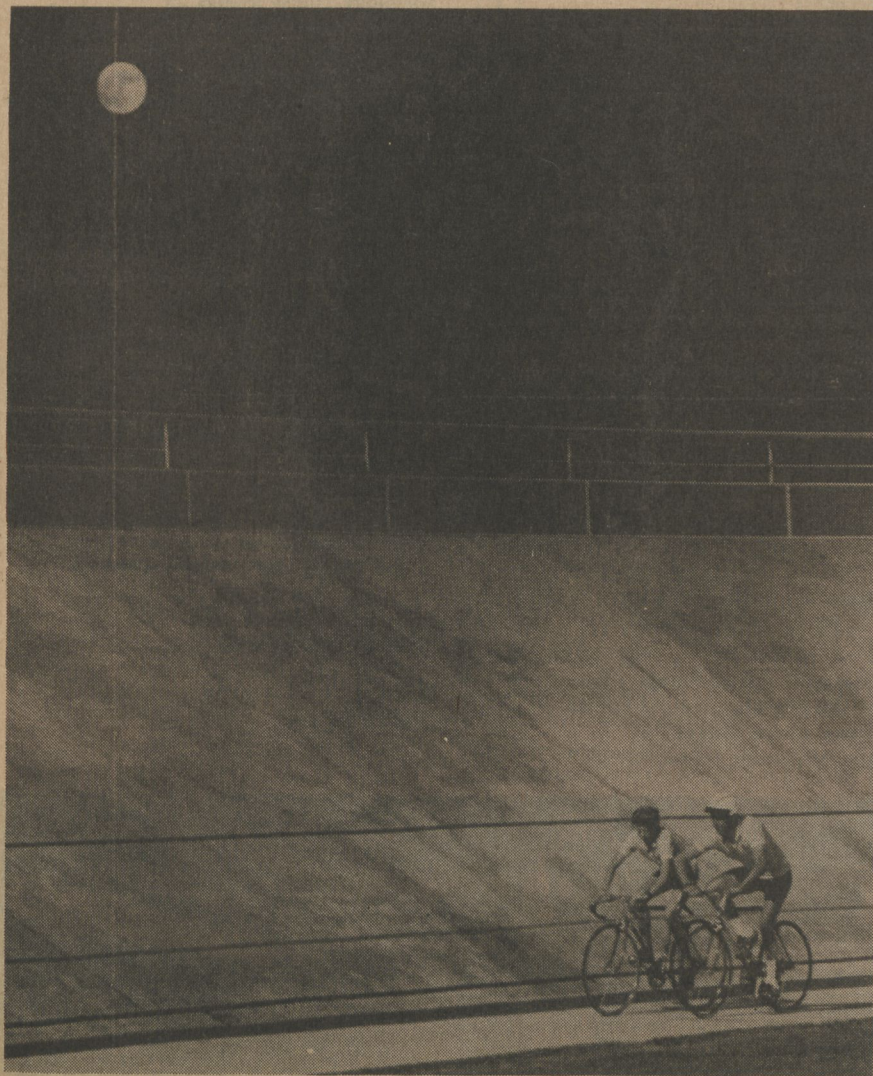
7. A Study List will be mailed to you at the beginning of June. This is your official registration in Summer Sessions. Please check the courses you have been registered for; change of program begins **June 23.**

8. Class space will not be reserved until the Request for Registration is processed. The following problems will delay registration:

- the form is not complete or the information is illegible
- course numbers and section numbers are confused
- required written authorization is not included
- payment of appropriate fees incorrect or invalid
- a class is filled

9. Check section numbers to verify registration in **Main** or **Post Session**. **Main** is indicated by a **6**; **Post** is **4** i.e., GED 262-**41** is **Post Session**, GED 262-**61** is **Main Session**.

10. For Summer Session Registration Information, phone 213/516-3746.



1986 SUMMER SESSION REGISTRATION FORM

CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS
1000 East Victoria St., Carson, California 90747 213/516-3746

Student Name

_____, _____, _____
Last First M.I. Social Security Number

Mailing Address Birthdate

City State Zip County of Residence

(_____) _____
Telephone Number, Day Telephone Number, Evening

CSUDH Student ID Number: _____

Student Status:

- ☐ Continuing (regular) CSUDH student
☐ Previously attended CSUDH (summer only)
☐ Returning CSUDH student (after 3 or more quarters absence)
☐ Never before attended CSUDH
☐ CSUDH Extension or Open University

Class Standing:

- ☐ High School
☐ Lower Div. (Fresh/Soph.)
☐ Upper Div. (Jr., Sr.)
☐ Bachelor of Arts
☐ Bachelor of Science
☐ Master of Art/Science
☐ Unclassified

MAIN SESSION JUNE 23-AUGUST 1

For Office Use	Department	Course	Section	Units	Course Fee	Lab Fee

MAIN SESSION TOTAL FEES \$ _____

POST SESSION AUGUST 5-AUGUST 29

For Office Use	Department	Course	Section	Units	Course Fee	Lab Fee

POST SESSION TOTAL FEES \$ _____

Student Center and Student
Activity fees need to be
paid once a summer.

MAIN and/or POST SESSION total fees \$ _____

Student Activity Fee 3.00

Student Center Fee 5.00

TOTAL FEES SUBMITTED \$ _____

Check enclosed for: \$ _____, or

I authorize the use of my credit card number:

MasterCard Number

Expiration date

VISA Number

Expiration date

Cardholder Name (print or type)

Signature _____

I have enclosed a self-addressed envelope.

I have read and understand the rules printed in the 1986 Summer Bulletin regarding registration, course prerequisites, refund policy and withdrawal policy.

Signature

Date

Mail to: CSUDH, Office of Summer Sessions, ERC C508, 1000 E. Victoria St., Carson, CA 90747



Office of Summer Session
California State University
Dominguez Hills
ERC C508
Carson, California 90747

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