

CALIFORNIA POLYTECHNIC STATE UNIVERSITY  
San Luis Obispo, California 93407  
**ACADEMIC SENATE**

**Meeting of the  
Academic Senate Executive Committee  
Tuesday, October 14, 1997  
UU220, 3:00-5:00pm**

*9.23.97 minutes  
were removed*

- I. Minutes: **Approval of the Executive Committee minutes for September 23, 1997 (pp. 2-4).**
- II. Communication(s) and announcement(s):
  - A. **CSU Emeritus and Retired Faculty Association (p. 5).**
  - B. **Remediation policy (p. 6).**
- III. Reports:
  - A. Academic Senate Chair:
  - B. President's Office:
  - C. Provost's Office:
  - D. Statewide senators:
  - E. CFA campus president:
  - F. Staff Council representative:
  - G. ASI representatives:
  - H. Other:
- IV. Consent agenda:
- V. Business item(s):
  - A. **Academic Senate/university-wide committee vacancies: (p. 7).**
  - B. **Approval of assigned time distribution for '97-98 (p. 8).**
  - C. **Foundation Board of Directors: completion of Harvey Greenwald's term of office.**
  - D. **Selection of part-time representative to the Academic Senate: (pp. 9-12).**
  - E. **Cal Poly's response to the Cornerstones report: (to be distributed).**
  - F. **Resolution on Modification to Proposal for a University Honors Program: Clark, Director of the Honors Program (p. 13).**
  - G. **Resolution on CSU Presidents' Pay Raises: Lewis, CSM caucus chair (p. 14).**
- VI. Discussion item(s):  
**Transition calendar for curriculum/general education: Harrington/Whiteford/Greenwald.**
- VII. Adjournment:



# CALIFORNIA STATE UNIVERSITY EMERITUS AND RETIRED FACULTY ASSOCIATION

18111 Nordhoff Street • Northridge, CA 91330-8339 • (818) 718-7996 • FAX (818) 718-7680 • csuerfa@csun.edu

September 4, 1997

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SEP 8 1997

Academic Senate

President  
Robert Maurer  
Chico

Vice President  
James Ryan  
Long Beach

Secretary  
C. Dale Johnson  
San Diego

Treasurer  
Sol Buchalter  
Northridge

Past President  
Emmett Long  
Fullerton

Reporter Editor  
Ralph Bigelow  
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Robert D. Kully  
Los Angeles

Founding President  
Sidney P. Albert  
Los Angeles

Executive Director  
Emeritus  
Jack Byrom  
Northridge

Liaison to CSU Senate  
Leonard G. Mathy  
Los Angeles

Liaison to CFA  
Donald Moore  
Los Angeles

Committee Chairs

Dispersed Membership  
Hal Jackson  
Humboldt

Legislative  
Wilma Krebs  
Sacramento

Membership  
Elizabeth Brady  
Northridge

Retirement Concerns  
Kurt Bohnsack  
San Diego

Office Manager  
Linda Zimmerman

Administrative Assistant  
Renee Caggiano

Professor Harvey Greenwald, Chair  
Academic Senate

California Polytechnic State University, San Luis Obispo  
San Luis Obispo, CA 93407

Dear Professor Greenwald:

The California State University Emeritus and Retired Faculty Association (CSU-ERFA) has not sponsored many programs that provide a service directed at and specifically on behalf of active faculty. However, the new CSU-ERFA Retirement Analysis Program provides such a service. We are very proud of the Analysis Program because it can be of considerable value to faculty members whether they are near retirement or starting to plan for retirement.

The Program provides a confidential analysis of a faculty member's potential retirement benefits under a number of possible options. A detailed analysis can be provided for five or more options, for all possible retirement ages through age 70, and can include participation in the Faculty Early Retirement Program (FERP) and Social Security. Many faculty members have informed us that they found the analysis extremely useful and the information in it invaluable in making decisions about their future.

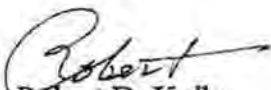
CSU-ERFA would appreciate your announcing this information at an Academic Senate meeting and to the faculty in general, if that opportunity is available to you. For information the faculty should write to

Herbert Rutemiller  
Dept. of Management Science/Information Systems  
California State University, Fullerton  
P.O. Box 6848  
Fullerton, CA 92834-6848 or Fax: (714) 278-5940

Also, please announce that the program is sponsored by the California State University Emeritus and Retired Faculty Association which is offering the Retirement Analysis Program as a free service at this time.

Thank you for making this information available to the faculty on your campus. If there are questions, please call the CSU-ERFA office.

Cordially,

  
Robert D. Kully  
Executive Director

Enclosure: Model of CSU-ERFA Retirement Analysis Program

IF YOU ARE INTERESTED IN RECEIVING A COPY OF THIS INFORMATION,  
PLEASE CONTACT THE ACADEMIC SENATE OFFICE @ EXT. 61258.

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-6-  
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OCT 7 1997

**CAL POLY**

ate of California

Academic Senate

**MEMORANDUM**

San Luis Obispo  
CA 93407

To : Distribution List

Date : October 3, 1997

From : Harvey Greenwald  
Interim Associate Vice President for Academic Programs

Subject: Remediation Policy

The CSU Board of Trustees has established a remediation policy that requires that non-exempt, regularly admitted first-time freshmen (FTF):

1. Take the Entry Level Mathematics test (ELM) and the English Placement Test (EPT) before enrollment in the CSU;
2. Be placed in appropriate remedial programs during the first term of enrollment and each subsequent term until such time as they demonstrate competence;
3. Demonstrate proficiency by the end of the first academic year.

In order to comply with the Trustees' remediation directive, we have begun to phase in the following remediation policy.

1. Fall 1997 FTF who fail to take the ELM/EPT by the October ELM/EPT test date will not be allowed to register for the Winter quarter for 1998. A December ELM/EPT demand test will be offered and students will be told by the ELM/EPT Coordinators that once a score has been received, the registration hold will be removed.
2. A letter will be sent to Fall 1997 FTF needing remediation indicating that they have until the end of Spring Quarter of 1998 to complete the remediation. The letter will further state that they may be disqualified if this remediation is not completed.
3. Those Fall 1998 FTF with blanks for ELM/EPT will have a hold placed on their registration for Fall of 1998. The students will be informed of this hold prior to registration and will be given instructions concerning the removal of this registration hold.
4. Once a student has taken the ELM/EPT, the Trustees' remediation directive requires the student to begin remediation during the first term of enrollment. One way in which this could be accomplished is to place a hold on registration unless the student has registered for the appropriate remediation course(s). It is our intention to implement this hold policy effective with the Fall of 1998.
5. A letter will be sent to Fall 1998 FTF needing remediation indicating that they have until the end of the Spring Quarter of 1999 to complete the remediation. The letter will further state that they **will be disqualified** if this remediation is not completed.
6. Summer 1998 FTF will be treated as Fall 1998 FTF. The policies listed above in Items 3, 4, and 5 will apply to Summer 1998 FTF. In particular, holds will be placed for the Fall of 1998 consistent with Items 3 and 4 above.

Starting with the Winter Quarter of 1998, transfer students will be required to have completed a General Education mathematics course as well as a General Education English course and so these students should not require remediation. Students who entered prior to the Fall Quarter of 1997 will be treated according to existing remediation policies.

Please let me know if you have any questions regarding the revised campus remediation policy.

**DISTRIBUTION LIST:** Paul Zingg, Juan Gonzalez, Linda Dalton, College Deans, Associate Deans, Euel Kennedy, Department Chairs/Heads, Directors, Anny Morrobel-Sosa, Senate Executive Committee, Mary Whiteford, Tom Zuur, Marlene Carter, College Curriculum Committee Chairs, Doug Keesey (Senate Curriculum Committee), John Harrington (GE), Dan Villegas (USCP), Laura Freberg (Instruction Committee), Nancy Clark (Honors Program), John Snetsinger (Global Affairs), Cindy Entzi (ASI), College Advising Centers

10.8.97

**Academic Senate Committee Vacancies  
For 1997-1998**

<b><u>Academic Senate committees:</u></b>	<b><u># of vacancies/interested faculty</u></b>
Curriculum Committee	CAED (Allan Cooper) CSM vacancy
Grants Review Committee	CAED vacancy CSM vacancy PCS vacancy
Instruction Committee	CAED (Mary White)
Library Committee	CAED (Paul Wack) CBUS vacancy
Prog Rev & Impr Committee	CAED vacancy CENG vacancy CSM vacancy
Research & Prof Dev Committee	CBUS vacancy
<b><u>University-wide committees:</u></b>	
Disabled Students Advisory Committee	one vacancy 1997-1999 (Bill Amspacher)
Resource Use Committee	one vacancy 1997-1999
Student Affairs Council	one vacancy 1997-1999

08.12.97

## Academic Senate Assigned Time

### 1995-96

Chair (includes Sum '95)	0.600	26.90
Vice Chair	0.090	4
Secretary	0.133	6
Budget Chair	0.067	3
Curriculum Chair	0.133	6
Fairness Board Chair	0.067	3
GE&B Chair	0.067	3
Instruction Chair	0.067	3
Prog Rev & Imp Chair	0.133	6
Acad Sen office assistant	<u>0.143</u>	<u>6.60</u>
	1.500	67.50

### 1996-97

Chair (includes Sum '96)	0.566	25.5
Vice Chair	0.089	4
Secretary	0.	0
Budget Chair	0.178	8
Curriculum Chair	0.178	8
Faculty Affairs Chair	0.	0
Faculty Awards Chair	0.	0
Fairness Board Chair	0.089	4
GE&B Chair	0.178	8
Grants Review Chair	0.	0
Instruction Chair	0.089	4
Prog Rev & Imp Chair	0.178	8
Research & Prof Dev Chair	<u>0.089</u>	<u>4</u>
	1.634	73.5

### 1997-98

Chair (includes Sum '97)	26
Vice Chair	04
Secretary	00
Budget Chair	06
Curriculum Chair	08
Faculty Affairs Chair	04
Faculty Awards Chair	04
Fairness Board Chair	02
Grants Review Chair	00
Instruction Chair	04
Prog Rev & Imp Chair	08
Research & Prof Dev Chair	<u>04</u>
	66



State of California

California Polytechnic State University  
San Luis Obispo, California 93407

## MEMORANDUM

Date: September 24, 1997  
To: All Temporary Academic Employees  
From: Margaret Camuso  
Academic Senate  
Subject: Academic Senate Membership

The Academic Senate is seeking a part-time academic employee to represent the temporary faculty of Cal Poly. This is a nonvoting position, appointed quarterly/annually (according to one's appointment) during the academic year.

If you are interested in serving on the Academic Senate, please fill in the information below and return it to the Academic Senate office (38-143) with a copy of your vita and/or a short statement expressing your interest in serving. If you have any questions regarding this position, please contact the Academic Senate office at 756-1258 or mcamuso@calpoly.edu. Thank you.

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I am interested in serving as the temporary faculty representative to the Academic Senate.

NAME: ALI A. MOSHIRPOUR

DEPARTMENT: MECHANICAL ENGINEERING

EMAIL ADDRESS: \_\_\_\_\_

OFFICE NO. BUILD # 13 ROOM # 247

DEPT NO. 6-1387

Signature: Ali A. Moshirpour

MUST BE RECEIVED BY OCTOBER 10, 1997

Ali A. Moshirpour

**CONFIDENTIAL**

**Home Address:**

1938 Carpenter Canyon Road  
San Luis Obispo, California 93401  
Phone # (805) 786-4624

**Mailing Address:**

P. O. Box 1784  
San Luis Obispo, California 93406-1784

**DEGREES & CERTIFICATE:**

- 1997 Ph.D. in Mechanical Engineering, West Virginia University  
Morgantown, West Virginia  
Dissertation Topic: A General Statistical Approach to Engineering Problem Solving
- 1992 M.S. in Applied Mechanics, California State University Northridge  
Northridge, California  
Master Project: Elastic Properties of Metal Matrix Composites
- 1977 B.S. in Mechanical Engineering, California State University Northridge  
Northridge, California
- 1987 Professional Mechanical Engineering License from State of California.

**WORK EXPERIENCE:**

**CONFIDENTIAL**

- 1987-1994 Senior Project Engineer, Program Manager  
Eaton Corporation, Space Products Division  
El Segundo, California

Responsible for design, development, and production of spacecraft propulsion systems and components; conducted Critical Design Review meetings and cost negotiations for new programs; performed stress, vibration, and reliability analyses; interfaced with customers and vendors to discuss and resolve technical issues; supervised the proposal preparation and research activities.

- 1984-1987 Senior Project Engineer  
Robert Shaw Controls, Aeronautics and Astronautics Division  
Burbank, California

Managed Pneumatic Product Line which included military and commercial aircraft life support systems and components; supervised test facilities, calibration, and automation of test equipment; moreover, had vendor and customer liaison responsibilities; directly was responsible to meet the U. S. Government technical specifications and contractual requirements.

Ali A. Moshirpour

(Page 2)

**CONFIDENTIAL**

1980-1984     Project Engineer, Program Manager  
                 Puritan-Bennett Aero Systems Co.  
                 El Segundo, California

Responsible for design, development, and production of life support systems and components for General and Commercial Aviation Aircrafts; project responsibilities included preparation, evaluation, approval, and implementation of engineering documents; also, wrote operation and overhaul manuals; as Program Manager was responsible for the research, design, and production of polymer composite life support equipment for the aircraft industry.

1978-1980     Design and Test Engineer  
                 Precision Performance Products  
                 Northridge, California

Responsible for design of components for professional racing cars such as Formula-1 and Indy-500; performed stress and fatigue testing of automotive parts; moreover, conducted trade-off studies for replacement of metallic components with composite materials.

**TEACHING EXPERIENCE:**

**CONFIDENTIAL**

1995-1996     Teaching Assistant, West Virginia University

Responsible for teaching mathematics and computer programming courses to engineering students as part of a team effort to facilitate the acclimation of freshman students to the university environment.

1992-1993     Volunteer Tutor, El Segundo, California

As a volunteer, thought college preparation subjects to inner-city students part of a cooperative program between business and community.

1984-1987     Conducted seminars for the personnel of U. S. and Canadian Air Forces in understanding and use of life support equipment.

1973-1977     Tutor, California State University Northridge, Northridge, California

Thought mathematics, statistics, physics, and computer programming to students at the University Learning Center.

1970-1973     Tutor, Ventura Jr. College, Ventura, California

Thought mathematics, physics, and chemistry to students, as a work-study program participant, at Ventura College Student Learning Center.



**Ali A. Moshirpour**  
(Page 3)

**SAMPLE OF RESEARCH TOPICS:**

**CONFIDENTIAL**

The following is a brief list of research topics I have conducted during my professional practice:

- ◆ Analysis, Design, and Testing of Adhesive Bonded Lap Joints.
- ◆ Characterization of Impact Properties of Kevlar 49/Epoxy Filament Wound Oxygen Cylinders for Commercial and Military Aircraft Life Support Systems.
- ◆ Testing of Percipitation-Hardened Stainless Steel PH 18-8, Heat Treat Condition RH950, for Stress Corrosion Susceptibility
- ◆ Innovative Design for "cold flow" Control of Teflon as a Seal Material for Long-Duration Spacecraft Propulsion System.
- ◆ Optimization of an Electromagnetic Valve Design Using Bond Graph Simulation Method

**REFERENCES:**

**CONFIDENTIAL**

Dr. Jon Shively, Professor, California State University Northridge (M.S. Research Advisor)  
Phone # (818) 677-3389

Dr. Jacky Prucz, Professor, West Virginia University (Ph.D. Research Advisor)  
Phone # (304) 293-4821 Ext. 314

Dr. Timothy Norman, Professor, West Virginia University  
Phone # (304) 293-3111 Ext. 326

Mr. Larry Mittell, Director of Engineering, Eaton Corporation (last employer)  
Phone # (310) 643-9938

**PERSONAL INFORMATION:**

Citizenship Status: U. S. Citizen

Adopted:

**ACADEMIC SENATE  
Of  
CALIFORNIA POLYTECHNIC STATE UNIVERSITY  
San Luis Obispo, CA**

**AS-\_\_-97/  
RESOLUTION ON  
MODIFICATION TO PROPOSAL FOR  
A UNIVERSITY HONORS PROGRAM**

- WHEREAS, The *Proposal for a University Honors Program* was adopted by the Academic Senate on March 7, 1995 as Resolution No. AS-434-95; and
- WHEREAS, The language regarding membership to the Honors Council is vague as to its intent; therefore, be it
- RESOLVED: That the Academic Senate approve the following changes to the paragraph "Honors Council" in the *Proposal for a University Honors Program*:

The Honors Council will provide oversight and will be the source of university policy governing the program. The Council will consist of:

1. the Director of the Honors Program (ex officio),
2. one faculty member from each College (serving three-year, staggered terms),
3. ~~including~~ one representative from the Curriculum Committee and one from the ~~GE&B~~ Governance Committee,
4. three Honors students (ex officio, serving one year, renewable terms),
5. representatives from SAS, ~~from~~ Admissions, and ~~from~~ Academic Records (all three ex officio),
6. ~~and from~~ the Provost/Vice President for Academic Affairs or designee [usually the Associate Vice President] (ex officio).

Ex officio members to the Council will be nonvoting. Based upon recommendations from the ~~Faculty~~ Academic Senate, faculty members will be appointed by the Provost/Vice President for Academic Affairs in consultation with the Honors Director. Student members will be elected by Honors students.

Proposed by: Cal Poly Honors Program  
Date: October 7, 1997

Adopted:

**ACADEMIC SENATE  
Of  
CALIFORNIA POLYTECHNIC STATE UNIVERSITY  
San Luis Obispo, CA**

**AS-\_\_-97/  
RESOLUTION ON  
CSU PRESIDENTS' PAY RAISES**

- WHEREAS, The CSU Board of Trustees has taken action to increase the salary of CSU presidents by 10 percent; and
- WHEREAS, This comes in a year when the majority of CSU faculty will receive a pay increase of slightly more than 2 percent; and
- WHEREAS, CSU faculty salaries lag those for comparable universities by about 10 percent; and;
- WHEREAS, The CSU Board of Trustees has taken no steps to address this shortfall; therefore, be it
- RESOLVED: That the Academic Senate of Cal Poly State University condemn the CSU Board of Trustees and the CSU administration for their action to increase the salaries of CSU presidents; and, therefore, be it
- RESOLVED: The Academic Senate of Cal Poly State University strongly urge the CSU Board of Trustees to rescind their action until the issue of adequate pay raises for CSU faculty and staff is adequately addressed.

Proposed by: George Lewis, CSM  
Date: October 14, 1997



San José State  
UNIVERSITY

SS-F97-4

A campus of The California State University

Office of the Academic Senate • One Washington Square • San Jose, California 95192-0024 • 408-924-2440 • Fax: 408-924-2410

At its meeting on October 6, 1997, the Academic Senate approved the following Sense-of-the-Senate Resolution presented by Senator Carmen Sigler for the Executive Committee.

**SENSE OF THE SENATE RESOLUTION  
ON THE "CORNERSTONES" PROJECT**

- Whereas, San Jose State University has been asked to provide feedback regarding the "Cornerstones" Project; and
- Whereas, San Jose State University has devoted detailed and serious discussion to the "Cornerstones" project: through the participation of an expert delegation to the Monterey Conference on Cornerstones, through discussions within the President's Roundtable, through meetings and retreats in each of the University's colleges, and finally through a retreat of the Academic Senate of SJSU; and
- Whereas, The Academic Senate has fully reviewed and considered the most recent draft of the "Cornerstones" report, dated August 1997, and prepared its response accordingly; now, therefore, be it
- Resolved, That the Academic Senate of SJSU thank the Trustees and the Cornerstones team for providing an opportunity for substantial campus consultation on this project; be it further
- Resolved, That Cornerstones is to be commended for raising our awareness of the possible threat of insufficient public resources to support increasing enrollments in future years; be it further
- Resolved, That there are a number of educational reforms suggested in Cornerstones that are worthy of further study and possible implementation; be it further
- Resolved, That the Cornerstones report skews its emphasis toward the impending problems of access when it ought to devote greater attention to the full purpose and nature of higher education in the CSU, and especially the existing problems of maintaining quality in all of our undertakings; be it further
- Resolved, That the Cornerstones report underestimates the extent to which faculty and administration have already undertaken many of the suggested reforms; be it further
- Resolved, That Cornerstones fails to adequately address the contradiction between the requirements of the expensive educational reforms that it advocates and its stated need to extract significant productivity and savings from the system; be it further
- Resolved, That Cornerstones is a systemwide effort that would be better redirected to a campus by campus level; we therefore enthusiastically endorse Cornerstones Principle 10, that "campuses shall have significant autonomy in developing their own missions, identities, and programs, with institutional flexibility..." and believe we should start with each campus laying its own "Cornerstones;" be it further
- Resolved, That Cornerstones inexplicably ignores the need to better support scholarly research as a means to maintain and improve the quality of education delivered by our teacher-scholars; be it further
- Resolved, That the Academic Senate of SJSU endorse the attached report "Response to Cornerstones;" be it further
- Resolved, That copies of this resolution be distributed to the AS CSU and to all those working on the Cornerstones initiative.

Handwritten: *Harvey Greenwald 10.14.97*



State of California  
**Memorandum**

**To:** Distribution List

**Date:** September 23, 1997

**From:** Harvey Greenwald *HG*  
Interim Associate Vice President for Academic Programs

m.:catalog/geb/ge transition  
memo

**Subject:** TRANSITION GE MODEL

Attached for your review is a Transition GE Model designed to accommodate a progressive shift from the current mixed-unit pattern of course offerings (primarily 3-unit courses) to the 4-unit courses specified for the GE 2000 program. Although the current template calls for a 79-unit GE Program, the Transition Model also allows students to complete their requirements in as few as 72 units during the transition.

The transition model accommodates a mix of 3- and 4-unit courses by indicating the *minimum* number of units required for each GE Area. The Transition GE Model (developed in consultation with the GE Committee, the Chair of the Academic Senate, and the Chair of the Senate Curriculum Committee) seeks to

accommodate students' progress toward graduation by offering flexibility while still maintaining their exposure to the broad areas of GE;

accommodate the departmental transitions to 4-unit courses which began with the 1997 catalog and will continue with 1998 and 1999 catalogs;

assure that the transition is as clear, orderly, and visible as possible for students, faculty, staff, and advisers.

The transition model also strives to avoid disrupting existing staffing arrangements while GE 2000 is being developed. President Baker has reaffirmed his commitment "... that the State resources received by a department or college not be reduced as a result of a general curricular change for a minimum period of four years." (AS 435-95/EX Resolution on Promoting Curricular Review)

Please offer your comments to me by **October 10**. The Transition Model will be included in the 1998 catalog.

Distribution List: Department Chairs/Heads, College Deans, Paul Zingg, Anny Morrobel-Sosa, Senate Executive Committee, Mary Whiteford, Linda Dalton, Juan Gonzalez, Euel Kennedy, Tom Zuur, Marlene Cartier, Associate Deans, College Curriculum Committee Chairs, Doug Keesey (Senate Curriculum Committee), John Harrington (GE), Dan Villegas (USCP), Laura Freberg (Instruction Committee), Nancy Clark (Honors Program), John Snetsinger (Global Affairs), Cindy Entzi (ASF), Advising Centers



1997-98 GEB	
<b>AREA A</b>	<b>14</b>
A1 Expository Writing	
A2 Critical Thinking	
A3 Speech	
A4 Writing: Argumentation	
<b>AREA B</b>	<b>18</b>
B1 One course each in physical science and life science, one with lab	
B2 Two courses in math & statistics, at least one course in math	
<b>AREA C</b>	<b>18</b>
C1 Three courses in literature & philosophy, at least one course in each	
C2 One course in fine & perform arts	
C3 One upper-division course	
Area C elective	
<b>AREA D</b>	<b>18</b>
D1 Title 5, section 40404 requirement HIST (202 or 204) & POLS 210	
D2 HIST 315	
D3 One course in economics	
D4a One course	
D4b One upper-division course	
<b>AREA E</b>	<b>5</b>
E1 One course PSY201/202	
E2 One course	
<b>AREA F</b>	<b>2--6</b>
F1 One course in computer literacy	
F2 One course in technology (technical programs exempt as defined in 1997-98 catalog)	
<b>MINIMUM TOTAL UNITS</b>	<b>75--79</b>

TRANSITION GE MODEL	
	<i>Minimum # of Units</i>
<b>AREA A</b>	<b>11</b>
A1 Expository Writing	
A2 Critical Thinking	
A3 Speech	
<i>If less than 11 units, take one course in A4 Argumentative Writing</i>	
<b>AREA B</b>	<b>15</b>
B1 One course each in physical science and life science, one with lab	
B2 Two courses in math and/or statistics	
<b>AREA C</b>	<b>15</b>
C1 One course in literature and one course in philosophy	
C2 One course in fine/perform arts	
C3 One upper-division course	
<i>If less than 15 units, take additional course from C1, C2, or C3</i>	
<b>AREA D</b>	<b>15</b>
D1 Title 5, section 40404 requirement (maximum of two courses)	
D2, D3, D4a, D4b Three or more courses (no more than one course in any area)	
<b>AREA E</b>	<b>3</b>
E1 or E2 One course	
<i>If course is 2 units, take additional course from the other area.</i>	
<b>AREA F</b>	<b>2</b>
F1 or F2 One course	
<i>Non-Technical Programs (as defined in 1997 catalog): if course is 2 units, take additional course from the other area.</i>	
<b>MINIMUM UNITS FOR AREAS A - F</b>	<b>61</b>
<b>ADDITIONAL GE COURSES</b>	
<i>If total is less than 72 units, select additional units from Areas A-E (no more than one additional course per area)</i>	
<b>MINIMUM TOTAL UNITS</b>	<b>72</b>

GE 2000 MODEL	
<b>AREA I Communication</b>	<b>12</b>
Composition (4)	
Speech & Critical Thinking (4)	
Composition & Critical Thinking (4)	
<b>AREA II Science and Mathematics</b>	<b>16</b>
Life Science and Physical Science, one with Lab (4) (4)	
Mathematics/statistics (4) (4)	
<b>AREA III Arts &amp; Humanities</b>	<b>16</b>
Literature (4)	
Philosophy (4)	
Arts (4)	
Area III elective (4)	
<b>AREA IV Social, Political and Economic Institutions and Human Life Development</b>	<b>20</b>
Title 5, section 40404 requirement (4)	
Economics (4)	
Psych/health/etc. (4)	
Social sciences (4)	
Area IV elective (4)	
<b>TECHNOLOGY ELECTIVE</b>	<b>4</b>
<b>GE ELECTIVE</b>	<b>4</b>
<i>For science-based curricula, one additional course in Area III.</i>	
<i>For non-science based curricula, one additional course in Area II.</i>	
<b>MINIMUM TOTAL UNITS</b>	<b>72</b>

1997-98 GEB (ENGINEERING)	
<b>AREA A</b>	<b>14</b>
A1 Expository Writing (4)	
A2 Critical Thinking (3)	
A3 Speech (3)	
A4 Writing: Argumentation (4)	
<b>AREA B</b>	<b>18</b>
B1 One course each in physical science and life science, one with lab	
B2 Two courses in math & statistics, at least one course in math	
<b>AREA C</b>	<b>18</b>
C1 Three courses in literature & philosophy, at least one course in each	
C2 One course in fine & perform arts	
C3 One upper-division course	
Area C elective	
<b>AREA D</b>	<b>18</b>
D1 Title 5, section 40404 requirement HIST (202 or 204) & POLS 210	
D2 HIST 315	
D3 One course in economics	
D4a One course	
D4b One upper division course	
<b>AREA E</b>	<b>5</b>
E1 One course PSY201/202	
E2 One course	
<b>AREA F</b>	<b>2</b>
F1 One course in computer literacy	
<b>TOTAL UNITS</b>	<b>75</b>

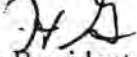
TRANSITION GE MODEL (ENGINEERING)	
	<i>Minimum # of Units</i>
<b>AREA</b>	<b>11</b>
A1 Expository Writing	
A2 Critical Thinking	
A3 Speech	
<i>If less than 11 units, one course in</i>	
<i>A4 Argumentative Writing</i>	
<b>AREA B</b>	<b>15</b>
B1 One course each in physical science and life science, one with lab	
B2 Two courses in math and/or statistics	
<b>AREA C</b>	<b>15</b>
C1 One course in literature and one course in philosophy	
C2 One course in fine/perform arts	
C3 One upper-division course	
<i>If less than 15 units, take additional course from C1, C2, or C3</i>	
<b>AREA D</b>	<b>15</b>
D1 Title 5, section 40404 requirement (maximum of two courses)	
D2, D3, D4a, D4b Three or more courses (no more than one course in any area)	
<b>AREA E</b>	<b>3</b>
One course from E1 or E2	
<i>If course is 2 units, take additional course from the other area.</i>	
<b>AREA F</b>	<b>2</b>
One course from F1	
<b>MINIMUM UNITS FOR AREAS A - F</b>	<b>61</b>
<b>ADDITIONAL GE COURSES</b>	
<i>If total is less than 72 units, select additional units from Areas A-E.</i>	
<b>TOTAL UNITS</b>	<b>72</b>

GE 2000 - ENGINEERING MODEL	
<b>AREA I Communication</b>	<b>12</b>
Composition (4)	
Speech & Critical Thinking (4)	
Composition & Critical Thinking (4)	
<b>AREA II Science and Mathematics</b>	<b>28</b>
Physical Science	
Mathematics/statistics	
<b>AREA III Arts &amp; Humanities</b>	<b>16</b>
Literature (4)	
Philosophy (4)	
Arts (4)	
Area III elective (4)	
<b>AREA IV Social, Political and Economic Institutions and Human Life Development</b>	<b>16</b>
Title 5, section 40404 requirement (4)	
Economics (4)	
Psych/health/etc. (4)	
Social sciences (4)	
<b>TOTAL UNITS</b>	<b>72</b>

State of California  
**Memorandum**

**To:** Department Chairs/Heads and College Deans

**Date:** September 12, 1997

**From:** Harvey Greenwald   
 Interim Associate Vice President for Academic Programs

m:...catalog/instr/1999catalog

**Copies:** See Distribution List

**Subject:** Planning for the 1998 Catalog, 1999 Catalog, & 2000 Catalog

To assist with your curriculum planning, we have prepared the attached timeline in consultation with the Chairs of the Academic Senate, GE Committee, and Senate Curriculum Committee. In addition to the timeline, here are some items that may affect your curriculum planning:

For the 1998 Catalog:

1. Please confer with your Academic Senate Curriculum Committee representative to check on the status of your curriculum proposals for the 1998 Catalog.

For the 1999 Catalog:

2. To allow for additional time at the department and college level, the due date for curriculum proposals has been changed for the 1999 catalog cycle. Proposals are due to the Academic Senate and Academic Programs offices **June 1, 1998**.
3. The **Course Proposal Form** is being revised by the Senate Curriculum Committee. Please wait for the new version and do not use the old form. Detailed instructions and a revised course proposal form will be mailed to you in October.
4. To continue the university initiative of changing to 4-unit courses, **existing GE courses** may be considered for **unit changes** for the 1999 Catalog. The decision rests with the faculty for proposing course-unit changes for existing GE course units for the 1999 catalog *or* waiting until the GE 2000 area criteria have been developed before proposing course-unit changes. GE course-unit changes may be proposed according to the curriculum cycle for the 1999 Catalog.
5. No **new GE courses**, including experimental courses, will be accepted for review until the GE 2000 Area Criteria are established.

For the 2000 Catalog:

6. The General Education and Area Committees will be developing **Area Criteria** during Fall 1997 through Winter 1998, and they plan to have criteria available in Spring 1998 for departments to begin developing GE course proposals for the 2000 Catalog. Existing GE courses will be reassessed according to the GE 2000 Area Criteria.

**Distribution List:** Paul Zingg, Anny Morrobel-Sosa, Mary Whiteford, Linda Dalton, Juan Gonzalez, Euel Kennedy, Associate Deans, College Curriculum Committee Chairs, Doug Keesey (Senate Curriculum Committee), John Harrington (GEB), Dan Villegas (USCP), Laura Freberg (Instruction Committee), Nancy Clark (Honors Program), John Snetsinger (Global Affairs)



# Planning for . . .

## Completion of 1998 Catalog

## Curriculum Cycle for 1999 Catalog

## 2000 Catalog

<b>Fall 1997</b>	Senate Curriculum Committee continues to review proposals for 1998 Catalog & sends recommendations to Academic Senate prior to December 1, 1997.	Departments receive curriculum instructions in October.  Departments begin to revise their curricula and courses.  Programs continue conversion to 4-unit courses.	GE Committee & Area Committees develop GE 2000 Area Criteria.
<b>Winter 1998</b>	Academic Senate reviews curriculum changes and makes recommendations to Provost by March 1.  Departments receive 1998 Catalog proof copy in January.	Departments continue to revise their curricula and courses.  In mid-February, departments receive final 1998 Catalog copy to use for indicating 1999 Catalog changes.	Review of GE 2000 Area Criteria.
<b>Spring 1998</b>	1998 Catalog printed.	College Deans & Curriculum Committees review changes and prepare summary lists.	Departments receive GE 2000 Area Criteria and begin to develop proposals for GE courses.
<b>June 1, 1998</b>		1999 Catalog proposals due to Academic Senate & Academic Programs.	
<b>Fall 1998</b>	1998 Catalog effective	Senate Curriculum Committee reviews proposals & sends recommendations to Senate prior to December 1, 1998.	<i>Curriculum Cycle for 2000 Catalog begins.</i>
<b>Winter 1999</b>		Academic Senate reviews curriculum changes and makes recommendations to Provost by March 1.  Departments receive 1999 Catalog proof copy in January.	
<b>Spring 1999</b>		1999 Catalog printed.	