I. Minutes:

Approval of the February 21, 1989 Minutes of the Academic Senate (pp. 2-3)

II. Communication(s)/Announcement(s):
A. Reading Materials (p. 4)
B. The Academic Senate office of Secretary will be vacant Spring Quarter '89. Nominations are requested.
C. President Baker has approved the following resolutions:
   AS-261-87/PPC  Resolution on Definition of "Close Relative"
   AS-306-89/C&BC Resolution to Provide a Generic Set of Operating Procedures for Academic Senate Standing and Ad Hoc Committees
   AS-307-89/IC Resolution in Support of Human Corps and of Service/Learning at Cal Poly
   AS-308-89/BC Resolution on Minor Capital Outlay
   AS-310-89/C&BC Resolution to Amend the Bylaws to Clarify Succession of Vice Chair to Chair...When the Chair is Permanently Vacated
   AS-311-89/C&BC Resolution to Amend the Bylaws to Move Nominations for the Academic Senate from March to February
D. National Faculty Exchange (p. 5).
E. Nominations are requested for membership to the 1989/90 Affirmative Action Faculty Development Program Proposal Review Committee.
F. A special committee is being appointed to implement Resolution AS-104-80/LRP regarding survey of graduates.

III. Reports:
A. President
B. Academic Affairs Office
C. Statewide Senators

IV. Consent Agenda:

V. Business Item(s):
A. Resolution on Academic Minors-Bailey, Chair of the Curriculum Committee, Second Reading (pp. 7-9).
B. Resolution on Graduate Programs-Bailey, Chair of the Curriculum Committee, Second Reading (pp. 10-11).

VI. Discussion Item(s):

VII. Adjournment: time certain 4:55pm
Materials Available for Reading in the Academic Senate Office (FOB 25H)
Winter Quarter 1988-1989

(New reading materials highlighted in bold)

11/15/88  "A Quarter Century of Graduates" (CSU)
11/17/88  "Unfinished Business" (Achievement Council) - information re the large achievement gap that has separated minority and low-income students from other young Californians.
11/22/88  Status Report, Faculty Software Library Lottery Funds (Cal Poly)
12/7/88   "Statement on Competencies in Languages Other Than English Expected of Entering Freshmen: Phase I-French, German, Spanish (CSU Academic Senate)
12/7/88   1989/90 Amended Trustees' Support Budget (CSU)
12/28/88  Changing America: The New Face of Science and Engineering (Task Force on Women, Minorities, and the Handicapped in Science and Technology)
12/30/88  California Faces...California's Future. Education for Citizenship in a Multicultural Democracy (Joint Committee for Review of The Master Plan for Higher Education)
1/9/89    1987 Statistical Abstract [of enrollments] (CSU)
1/12/89   Items from the January 10-11, 1989 Meeting of the CSU Board of Trustees (Academic Senate CSU)
National Faculty Exchange Members 1988-1989

ALABAMA
University of Alabama

ALASKA
University of Alaska, Anchorage
University of Alaska, Fairbanks

ARIZONA
Arizona State University
Maricopa Community Colleges
Northern Arizona University

CALIFORNIA
California Polytechnic State University, San Luis Obispo
California State Polytechnic University, Pomona
California State University, Bakersfield
California State University, Dominguez Hills
California State University, Fresno
California State University, Hayward
California State University, Northridge
Humboldt State University
Colorado State University
Fort Lewis College
University of Northern Colorado

CONNECTICUT
Central Connecticut State University
Eastern Connecticut State University

DELAWARE
University of Delaware

DISTRICT OF COLUMBIA
The American University

FLORIDA
Barry University
Florida Atlantic University
Florida International University
University of North Florida

GEORGIA
Georgia Southern College

GUAM
University of Guam

HAWAII
University of Hawaii at Hilo
University of Hawaii at Manoa

IDAHO
Lewis Clark State College

ILLINOIS
Southern Illinois University at Carbondale

INDIANA
Ball State University
Indiana University, Bloomington
Indiana University-Purdue University at Fort Wayne

IOWA
University of Northern Iowa

KENTUCKY
Eastern Kentucky University
Morehead State University
Western Kentucky University

LOUISIANA
Southeastern Louisiana University

MAINE
University of Maine
University of Maine at Machias
University of Southern Maine

MARYLAND
Boise State College
Downtown State College
Maryland State University
United States Naval Academy
University of Baltimore

MICHIGAN
Eastern Michigan University

MISSOURI
Central Missouri State University

MONTANA
Eastern Montana College
Montana State College

NEBRASKA
Chadron State College

NEVADA
University of Nevada, Las Vegas

NEW JERSEY
Gloucester County College
Montclair State College
Seton Hall University
Trinity College

NEW MEXICO
New Mexico State University

NEW YORK
Carnegie College
Dowling College
F. W. Lawe University
SUNY College at Brockport
SUNY College at Buffalo
SUNY College at Cortland
SUNY College at Oswego
SUNY College of Arts and Sciences at Plattsburgh

NORTH CAROLINA
Appalachian State University
East Carolina University
University of North Carolina at Asheville
University of North Carolina at Charlotte
University of North Carolina at Greensboro
Western Carolina University
Winston-Salem State University

OHIO
Bowling Green State University
Miami University
Ohio Northern University

OREGON
Lewis and Clark College

PENNSYLVANIA
Bloomsburg University of Pennsylvania
Bucknell University
California University of Pennsylvania
Clarion University of Pennsylvania
Emory University of Pennsylvania
Lock Haven University of Pennsylvania
Lycoming College
Mansfield University of Pennsylvania
Millersville University of Pennsylvania
Philadelphia College of Textiles and Science
Saint Joseph's University
Shippensburg University of Pennsylvania
Slippery Rock University of Pennsylvania
West Chester University of Pennsylvania
York College of Pennsylvania

PUERTO RICO
Catholic University of Puerto Rico
Humacao University College of Puerto Rico
Inter American University of Puerto Rico
Universidad del Turabo

RHODE ISLAND
Providence College
Roger Williams College

SOUTH CAROLINA
University of South Carolina

SOUTH DAKOTA
South Dakota State University

TENNESSEE
East Tennessee State University
Tennessee Technological University

TEXAS
University of Texas at El Paso

UTAH
Southern Utah State College

VERMONT
Norwich University
St. Michael's College

VIRGINIA
Christopher Newport College
George Mason University
James Madison University
Old Dominion University
Virginia Commonwealth University
Virginia Military Institute

WASHINGTON
Pacific Lutheran University

WISCONSIN
University of Wisconsin-Eau Claire

WISCONSIN-MYSYLVANIA

WYOMING
University of Wyoming

FEDERAL AGENCIES

DISTRICT OF COLUMBIA
National Endowment for the Arts
United States Department of Education
United States Information Agency

EDUCATION ASSOCIATIONS

COLORADO
University of Colorado at Boulder
University of Northern Colorado

DISTRICT OF COLUMBIA
American Association of Colleges of Osteopathic Medicine (AACOM)
American Association of Colleges of Pharmacy (AACP)
American Association of Colleges of Osteopathic Medicine (AACOM)
American Association of Colleges of Optometry (AACO)
American Council on Education (ACE)
Council of Independent Colleges (CIC)

EDUCATION ASSOCIATIONS

ADDITIONAL INFORMATION AVAILABLE IN THE ACADEMIC-SENATE OFFICE
Academic Senate Vacancies for 1989-1991

The election for senators, University Professional Leave Committee (UPLC) members, and one statewide academic senator will commence on March 13, 1989. Nominations will be received for these positions from March 13 through March 31 with elections being held the week of April 17.

Each caucus chair has been notified of the number of vacancies within their school. A letter of invitation (and accompanying nomination form) will be mailed to every faculty member during the week of March 13.

Each school will need to nominate the following number of senators to a two-year term:

<table>
<thead>
<tr>
<th>School</th>
<th>Total # Senators</th>
<th>Total # Vacancies</th>
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<tbody>
<tr>
<td>SAGR</td>
<td>7</td>
<td>3</td>
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<tr>
<td>SAED</td>
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<td>5</td>
<td>2</td>
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<tr>
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<tr>
<td>PCS</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

In addition, the following schools will need to elect a representative to the University Professional Leave Committee (UPLC) for a two-year term:

- School of Agriculture
- School of Architecture and Environmental Design
- School of Business
- School of Engineering
- School of Professional Studies and Education
- School of Science and Mathematics

There is also one position for statewide senator to be elected to a three-year term. This representative can be from any of the seven schools.
Background Statement: On December 4, 1979 the Academic Senate approved a resolution which endorsed the concept of minor fields of study at the university. Since that time no fewer than nineteen minors have been instituted at Cal Poly. Currently there is one minor under consideration by the curriculum committee and there are indications that as many as ten new minors may be in the proposal stage for the coming catalog cycle. The number of existing minors combined with the possible new minor proposals have raised the concerns of both the Academic Senate Curriculum Committee and Executive Committee.

In consultation with the Office of Academic Affairs and Institutional Studies we have begun to study the subject of minors and offer this resolution in an attempt to organize a university-wide self study of the existing policies concerning minors and to answer some questions which we do not believe have been addressed in the establishment or evaluation of minors.

RESOLUTION ON ACADEMIC MINORS

WHEREAS. The number of minors within the university curriculum has grown from none to nineteen in less than ten years; and

WHEREAS. At least ten new minors are being proposed for consideration in the next catalog; and

WHEREAS. There is no standardized procedure to determine the number of students currently enrolled in minors; and

WHEREAS. There are no readily available data as to how many students have enrolled in minors in the past and this information has only been included on their transcripts upon graduation; and

WHEREAS. Minors do not have to be declared until a student files for graduation; and

WHEREAS. The average course load per quarter for a student currently enrolled at the university is 13.5 units with a minimum of 186 units, and most majors having 198 units, required for a degree program; and
WHEREAS. Many undergraduate degree programs have minimal (9) or less than minimal units available for completion of concentrations or free electives; and

WHEREAS. The average length of enrollment at Cal Poly is between five and six years; and

WHEREAS. No study has been carried out to investigate the effects of minors on the length of a student's stay or the benefits to their educational objectives;

WHEREAS. Academic Senate resolution AS-182-85 stated in its RESOLVED clause:

That the Academic Senate ask the President of California Polytechnic State University, San Luis Obispo, to carefully consider the merits and benefits of the minors proposed for the 1986-88 catalog and approve them, providing an opportunity to see what the student demand for minors is and to assess the benefits or problems that may arise from having more minors available to the students.

and no such assessment has been carried out

therefore be it

RESOLVED. That an immediate moratorium on the consideration and approval of minors be instituted by Academic Affairs and the Academic Senate Curriculum Committee, and be it further

RESOLVED. That the Women's Studies Minor, already under consideration by the Academic Senate Curriculum Committee, should be exempt from this moratorium, and be it further

RESOLVED. That a study of minors be initiated by the Academic Senate Curriculum Committee for the Fall and Winter Quarters of the 1989-90 academic year with its findings and recommendations due to the Academic Senate by the last week of classes during that Winter Quarter, and be it further

RESOLVED. That the scope of the study of minors should include such items as the purposes of individual programs as well as their clientele, the numbers of minors awarded in each program, the effects of minors on the length of a study program, the effects on resources, the impact on admissions, the relationships of General Education and Breadth courses and minors, the development of minors which take into account the unique educational
environment offered at Cal Poly, the effects of minors on majors, as well as the procedures for declaring and monitoring a minor.

RESOLVED. That the Academic Senate Curriculum Committee undertake a study of existing academic minors and that the scope of this study should include such items as the purposes of individual programs as well as the clientele, the numbers of minors awarded in each program, the effects of minors on the length of study programs, the effects on resources, the impact on admissions, the relationships of General Education and Breadth requirements and minors, the effects of minors on majors and concentrations, as well as the procedures for declaring and monitoring a minor; and be it further

RESOLVED. That this study be completed by the end of Winter Quarter 1990 with findings and recommendations made to the Academic Senate at that time; and be it further

RESOLVED. That the Academic Senate Curriculum Committee postpone the recommendation of minors being proposed for the 1990-92 catalog pending its report on minors to the Academic Senate; and be it lastly

RESOLVED. That the Academic Senate Curriculum Committee be allowed to make a recommendation to the Academic Senate on the Women's Studies minor, which was submitted during the 1987-88 academic year and is currently under consideration by the Academic Senate Curriculum Committee.

Approved by the Curriculum Committee

Vote 7/0/1 SAED and SEng not represented

Date 2/2/89

Approved as amended by the Academic Senate Curriculum Committee

Vote 9/0/2 All members present and voting

Date 2/23/89
Academic Senate of California Polytechnic State University
San Luis Obispo, California

Background statement: The Graduate Studies Committee studied the types of courses allowed in the plan of study for advanced degrees at Cal Poly during the 1986-87 academic year. In December 1986, it unanimously adopted the following motion:

By Fall 1988, all courses acceptable in a master's degree program will be at the 400 level or above. Until that time, 300 level courses will be acceptable only with the approval of the graduate adviser, the department, the school dean, and the Graduate Studies Office. Such exceptions will be considered case by case.

The Academic Senate Curriculum Committee has considered the motion and the current situations which exist in various graduate programs and endorses the fact that a graduate program should be designed for advanced study. However, we do realize that some graduate programs may have a number of qualified students with diverse backgrounds applying for graduate study and that these students may be without certain types of experiences necessary for success in those programs. It is in this context that we propose the following resolution.

\[\text{AS-}89/\]\n
\textbf{RESOLUTION ON GRADUATE PROGRAMS}

WHEREAS, The Graduate Studies Committee in 1986 recommended limiting credit towards a graduate degree to courses at the 400 level and above; and

WHEREAS, A minimum of 45 quarter units are necessary for a graduate degree; and

WHEREAS, In accordance with Title 5, a minimum of 50 percent of all units are required for the master's degree at the 500 level; and

WHEREAS, Most graduate programs at Cal Poly already specify in their curricula that only 400- and 500-level courses may be included in the graduate plan of study; and

WHEREAS, 300-level courses are defined in the University catalog as being primarily for advanced undergraduate students, generally bearing no graduate degree credit (1988-90 catalog, p. 390); and

WHEREAS, The Academic Senate Curriculum Committee agrees with the motion of the Graduate Studies Committee; therefore, be it
RESOLVED: That the Academic Senate concur with the motion of the Graduate Studies Committee such that it will be University policy that only 400- and 500-level courses be allowed in the 45 units of an approved graduate plan of study; and be it further

RESOLVED: That in those programs where specific 300-level courses may be essential for a student’s success in that program, that the student may be conditionally accepted to the program contingent upon completing those 300-level courses and if s/he fulfills all other requirements for acceptance to the advanced degree program, but that those 300-level courses will not constitute any part of the approved 45 units in the plan of graduate study; and be it further

RESOLVED: That when more than 45 units are required for the degree, in unusual circumstances, upon written justification, with the approval of the school dean and the University Director of Graduate Studies, limited courses may be substituted at the nongraduate level for those required beyond the base 45 units; and be it further

RESOLVED: That this plan be fully implemented by Fall 1989; and be it further

RESOLVED: That students currently in master’s degree programs who have been given formal approval before June 1989 to include 300-level courses in their graduate plans of study will have those agreements honored but that students entering graduate programs after June 1989 must complete study plans consistent with the new requirement.

Proposed By:
Academic Senate
Curriculum Committee
February 2, 1989

Vote: 7-0-0 (SAED and SENG not represented)