

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

**Academic Senate Executive Committee Agenda**  
**Tuesday, October 28, 1986**  
 UU 220, 3:00-5:00 p.m.

<u>MEMBER:</u>	<u>DEPT:</u>	<u>MEMBER:</u>	<u>DEPT:</u>
Botwin, Michael	ArchEngr	Kersten, Timothy	Economics
Cooper, Alan	BioSci	Lamouria, Lloyd H.	AgEngr
Crabb, Charles	CropSci	Riener, Kenneth	BusAdm
Currier, Susan	English	Terry, Raymond	Math
Forgeng, William	MetalSci	Weatherby, Joseph	PoliSci
Gamble, Lynne	Library	Wheeler, Marylinda	P.E./RecAdm
Gooden, Reg	PoliSci	Wilson, Malcolm	Interim VPAA
Nancy Jorgensen	Cslg/Tstg	<b>Copies:</b> Baker, Warren J.	
		Irvin, Glenn W.	

- I. Minutes: Approval of the October 14, 1986 Executive Committee Minutes (attached pp. 2-9).
- II. Communications:  
 Memo/Resolution Dated October 10, 1986 from Shattuck to Academic Senate Chairs re Collective Bargaining (attached pp. 10-11).
- III. Reports:
  - A. President/Academic Affairs Office
  - B. Statewide Senators
- IV. Consent Agenda:
- V. Business Items:
  - A. Resolution on Cooperative Education Classes - Dana, Chair of the Curriculum Committee (attached p. 12).
  - B. Resolution on Free Electives - Dana, Chair of the Curriculum Committee (attached pp. 13-18).
- VI. Discussion Items:  
 Since budget is always a finite amount, what priority should we place on various categories of support? Example: Should we be emphasizing the need for increased support in student assistance, operating expenses, reduction in teaching units, equipment, travel, library, student affairs, child day care?
- VII. Adjournment:

*10.14.86  
 minutes  
 removed*



-10-  
California State University, Sacramento

6000 J STREET, SACRAMENTO, CALIFORNIA 95819-2694

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ACADEMIC SENATE

OCT 17 1986



Academic Senate

M E M O R A N D U M

DATE: October 10, 1986

TO: Chairs, Academic Senates  
The California State University

FROM: Peter Shattuck, Chair  
Academic Senate  
CSU, Sacramento

At its meeting of October 8, the Academic Senate, CSU, Sacramento, unanimously passed the attached Resolution. It represents an effort to identify specific aspects of the collective bargaining process which merit Senate consideration. As such, it falls within the spirit of Academic Senate Resolution AS-1641-86, which endorsed a statement on the roles of the several parties in relation to the Higher Education Employer-Employee Relations Act. As that statement says, "the CFA and the CSU have responsibility for matters within scope, the CSU and the Senate, including campus academic senates, have responsibility for matters outside scope, and all parties are permitted to consult with one another on all topics." (emphasis added) I commend the resolution to your attention, and urge you to take similar action.

PS/CD

Attachment

cc: Bernard Goldstein, Chair  
Academic Senate, CSU

AS 86-71/Ex., Flr. COLLECTIVE BARGAINING

- Whereas, The faculty and the Academic Senate of CSU, Sacramento, are committed to maintaining and improving upon the high quality of education in the CSU, on behalf of the taxpayers and citizens of California; and
- Whereas, An analysis of the CSU collective bargaining proposals indicates several elements which we believe will have a negative effect upon the achievement and maintenance of quality education in the CSU, specifically the proposal to separate rank from salary and thereby substitute the values of the market place for the values of the academic community; and
- Whereas, The CSU collective bargaining proposals further propose to alter significantly the faculty role in academic governance, specifically to limit the participation of faculty on the Faculty Early Retirement Program; and
- Whereas, The CSU collective bargaining proposals represent a significant step backwards from rights and expectations established in previous agreements such as attempts to remove binding arbitration from the grievance procedure; attempts to remove careful consideration language for lecturers, and attempts to narrow benefit eligibility; and
- Whereas, The CSU collective bargaining proposals contradict the Trustees' stated commitment to collegiality and in fact appear to represent a commitment to its antitheses, specifically to proposals such as separating rank from salary which will have the effect of pitting faculty against management and each other to the serious detriment of the educational enterprise; therefore be it
- Resolved, That the faculty and the Academic Senate of CSU, Sacramento, strongly urge the CSU management to negotiate in good faith with the CFA toward a contract that has as its primary goal, not the mastery of faculty by management, or the taking away of hard-won faculty rights, but rather the attainment of conditions and standards that encourage faculty to do the best possible job in the interests of their students and of the taxpayers and citizens of California; and be it further
- Resolved, That this resolution be sent to Chancellor W. Ann Reynolds and the Trustees of The California State University.

Carried unanimously.  
October 8, 1986

## **Resolution on Cooperative Education Classes**

**WHEREAS** converting Cooperative Education classes from extension courses to regular university courses may bring to our campus the resources needed to operate the program , but

**WHEREAS** some accrediting bodies have expressed concern about the rigor of the evaluation of students in co-op course,

**BE IT RESOLVED** that the Academic Senate Curriculum Committee approves in principle the conversion of Cooperative Education courses to normal, non-extension courses of the University, subject to the Cooperative Education office providing the Committee documentation to assure the committee that the procedures to evaluate students performance are equivalent in rigor to those for regular university courses.

## Memorandum

To : Lloyd H. Lamouria, Chair  
Academic Senate

Date : October 21, 1986

File No. :

Copies :

From : Charles H. Dana, *chair*   
Academic Senate Curriculum Committee

Subject : PROPOSED RESOLUTION ON FREE ELECTIVES

Attached is a resolution from the Curriculum Committee concerning the issue of free electives in majors. Due to the urgency mandated by this being a catalog cycle year we request expedited treatment for this resolution in the Executive Committee and the Senate. People working on new curricula need to know the rules as soon as possible.

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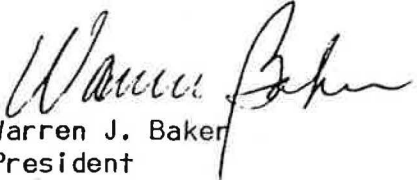
AUG 11 1986

# Memorandum

To : Lloyd Lamouria, Chair  
Academic Senate

Date : 1 August 1986  
Academic Senate  
File No.:

Copies : M. Wilson, G. Irvin  
G. Lewis  
S. Sparling  
School Deans

From :  Warren J. Baker  
President

Subject : Academic Senate Resolution AS-214-86/CC (Free Electives)

I recognize the concern raised by the Academic Senate and the difficulty of the free elective issue for some programs. However, as I indicated last October,\* I feel strongly that we must, whenever possible, avoid an inflexible curriculum which prevents students from freely electing some courses to meet their individual needs and interests.

I am, therefore, withholding approval of the resolution on free electives as it is currently written and asking the Academic Senate to reconsider the issue, perhaps with a process and guidelines for exceptions to a policy that recognizes the need for some free electives in most if not all of our curricula.

\*"Cal Poly and California in the Next Decade," Presidential Address, October 10, 1985, p. 8.

## **Background Information on Free Electives Issue**

### **Summary**

The Curriculum Committee had a number of meetings on this issue last year and recommended two possible resolutions to full Academic Senate (the committee members were about evenly split between two extremes on this). The full senate passed by a 2-1 margin the resolution saying that a major need not have any free electives. This summer President Baker rejected that resolution, sending the issue back to us.

### **History**

During Winter quarter 1986 the Curriculum Committee received from Provost Fort (via the Senate Chair) a request to examine the existing policy on free electives. (These are officially called unrestricted electives in CAM section 411.1, but everybody calls them free electives.) According to CAM, each major must have at least nine elective units that are not restricted in any way (and three that may be restricted by the department). Prior to 1978, the minimum number of electives was still 12 but with only six that must be unrestricted. Since the increase in the number of GE&B units several years ago, several majors have received exemptions from this requirement because of existing levels of courses required for their major.

From discussions within the committee and from comments received from members of the university community, there seem to be at least four competing concerns that cause the problem:

1. The desire to give a student some choice in the direction of their education as embodied in the requirement for 9 unrestricted electives.
2. A desire to maintain the high quality hands-on education for which Cal Poly is noted. This is embodied in the number of units that are required as part of the major and courses supporting the major. In engineering this can be quantified because the accreditation requirements for engineering and technology majors are stated in terms of course units. In other areas the requirements may not be formally stated or are not quantified.
3. The desire to give the students a broadly based education as embodied in the number of GE&B units required. The level of GE&B was increased to about 79 units two catalog cycles ago.
4. A desire to give a student chance to complete a four-year degree in four years of work. This is embodied in a cap on the number of units allowed in a four-year degree. For a BS it is 198 units except in engineering where it is 210. For a BA it is 186.

A dilemma can arise when adding the units from 1, 2, and 3 together produces more than the unit limit specified by concern number 4.

Last year's committee discussed the issue and decided to draft several alternative resolutions to distribute to the campus community for comment.

One draft resolution said that concern number one above, the 9 free electives is what gives. The committee voted 4-4 to approve this resolution but due to the major split on the committee, it was still forwarded to the full Senate for consideration. This was the resolution that was eventually approved by a 2-1 vote by last year's Senate.

Another draft resolution said that concern number two is what gives, you will have nine free electives even if you have to give up some of the courses required by the major. The committee voted 5-3 in favor of this resolution and it was also forwarded to the full Senate but was not voted on by that body.

The other draft resolutions were attempts to define conditions under which concern number one may be ignored and an exemption from the CAM requirement can be granted. When these were circulated for comment, no one seemed to understand them so they were not forwarded to the Senate.

The committee did not want to touch the hot potato of free electives and so proposed no resolution attacking concern number three. In recent years there have been some ad hoc attempts before the senate to solve the problem by modifying GE&B requirements. There has been an exemption from GE&B area D.4.b for some majors and there were some (rejected) attempts to add engineering courses to various GE&B.

The committee never considered trying to attack concern number four since 196 or 210 units are already high levels of units!



ACADEMIC SENATE  
OF  
CALIFORNIA POLYTECHNIC STATE UNIVERSITY  
San Luis Obispo, California

AS-\_\_-86/ \_\_

**Resolution on Free Electives**

- WHEREAS,** Students are required to take a broad spectrum of courses by the General Education & Breadth requirements; and
- WHEREAS,** The units for General Educations & Breadth requirements have been increased in recent years; and
- WHEREAS,** CAM section 411.1 requires 12 units of electives, 9 of which may not be restricted in any way by the student's curriculum ("free electives"); and
- WHEREAS,** Cal Poly's hands-on learning by doing philosophy may require many more design and project units than other schools; and
- WHEREAS,** This has made it difficult if not impossible for a number of disciplines to maintain their traditional quality of program or even minimum legal or accreditation requirements within the maximum number of units allowed in their four year degree curriculum ; and
- WHEREAS,** This has caused in recent years exemptions to be granted to the section 411.1 requirements on an *ad hoc* basis; and
- WHEREAS,** Some curricula have pre-chosen for their students most if not all of the General Education and Breadth courses where students are allowed a choice; and
- WHEREAS,** It is desirable for all students to have the freedom to take courses of their own choice in the attainment of a bachelor degree; therefore be it
- RESOLVED:** That the curriculum of each major should strive to follow the requirements of CAM section 411.1, and to include more than the minimum units of unrestricted electives, if possible . Exemptions to this requirement will be considered on an individual basis by major; and be it further

**RESOLVED:** That petitions for exemptions should be submitted with the normal catalog proposals. Petitions must provide documentation as to why 9 units of unrestricted electives cannot be provided in the major. Items that will be examined in approving exemptions will include

- a) that the curriculum is up to the maximum number of units allowed by regulation for the Bachelor degree being offered by the curriculum
- b) that the major includes as much freedom as possible for the students to choose courses where such choices exist in established General Education and Breadth requirements
- c) the requirements of accrediting bodies
- d) any other material the submitting department believes will be helpful in understanding the reasons for needing an exemption;

and be it further

**RESOLVED:** That exemptions are part of the curriculum proposal and must be approved with the rest of a department's package of materials during the catalog revision cycle. Where an exemption is given, the curriculum should be reviewed with each catalog cycle to see if the conditions that required the exemptions still exist.

Passed by Curriculum Committee 8-0-0

## Memorandum

To : William D. Forgeng  
Metallurgical Engineering Department

Date: October 23, 1986

File No. 100.2 GE&B  
100.2 Academic Senate  
Copies Dean Bruley

From : Donald E. Morgan, Head  
Industrial Engineering *02*

Subject: Nine Free Elective Action of Academic Senate

The resolution pending makes the implicit assumption that all or any part of nine free elective units shall be provided by reducing the Engineering courses when applied to us.

I suggest that the matter be referred to the GE & B committee with instructions to prepare a plan to provide for three units of required GE & B courses to be reduced for the high unit load curricula, and these three units be made a free elective. The reduction load should not be unfairly shouldered by Engineering courses, only. We are something like 67% over the breadth requirements stated by ABET, our accrediting organization.

I presume that you have a copy of these from the Dean of the School of Engineering's office.



CALIFORNIA POLYTECHNIC STATE UNIVERSITY  
SAN LUIS OBISPO, CA 93407

AUG 20 1986

Academic Senate

August 19, 1986

Anthony J. Moya  
Associate Vice Chancellor  
Educational Programs and Resources  
Office of the Chancellor  
400 Golden Shore  
Long Beach, California 90802-4275

Dear Tony,

Pursuant to discussions you had with President Warren J. Baker and our discussions on the same topic, I am formally requesting a budget increase to allow us to institutionalize Cal Poly's Cooperative Education program.

During academic year 1985-86 the Cooperative Education program enrolled an annual average of 185 students (555 total enrollments) plus 312 students during Summer Quarter. As you are aware these have been Extended Education enrollments for which students now pay \$44.00 per unit. In order to keep the fees at a level which would not unduly discourage participation the campus has held the unit value of these full-time assignments at 4 quarter units. The problems we are experiencing with the present arrangement are as follows:

- The amount of revenue we are able to generate through student fees is inadequate to cover budget requirements of the program. This is so even though we have augmented the program by utilization of approximately 5 FTEF positions to support the Cooperative Education faculty who actually work with the placement, supervision, and evaluation of the students on assignment. The provision of these positions places a heavy burden on the other academic units which must generate them.
- Holding the unit value to 4 units for purposes of affordability has created problems for students who have been or are receiving financial aid assistance requiring payback when the units fall below 6. In addition, the 4 units for a full load restriction creates an inequity with internship classes on the campus which have parallel time commitment requirements but award as many as 8 units.
- Even though the Cooperative Education program is a natural extension of the campus philosophy of "learn by doing" it is hard to justify to outside constituencies why it does not earn "regular" university credit instead of extension credit.

The campus is presently unable to accommodate all of the qualified applicants who would like to attend. This is due, in part, to a facilities deficit on campus and a number of other community and campus constraints related to numbers of bodies on campus. Our full-time Cooperative Education program places students at off-campus locations which do not impact the constraints noted above.



Tony Moya  
Page 2  
August 19, 1986

We are therefore requesting an initial "non-capacity" increase of 67 FTE for Cal Poly's academic year budget funded at the S-36 course classification level to allow us to move the program into the mainstream of the university. We further request that this "non-capacity" budget increase be considered as separate and unique from the 800 regular capacity FTE difference which now exists between our presently budgeted level of 14,200 FTE and our masterplan ceiling of 15,000 FTE.

The request for 67 FTE is based on an anticipated academic year total enrollment of 500 students each taking 6 units (the minimum for financial aid purposes). This would generate an annual average of 1,000 student credit units or 66.66 FTE. The cost to students would be less than their current costs in spite of the increase in units. We would anticipate incorporation of the summer quarter Cooperative Education FTE within our regular summer quarter budget.

It is our belief that the arrangement we have proposed will provide a vehicle which will allow the Cooperative Education program to prosper without impact on facilities and at the same time allow Cal Poly to accommodate more total students than would otherwise be possible were the FTE required to be carved from the masterplan projections.

The director and professional staff of the Cooperative Education program would be charged with seeking outside private/corporate support for travel and equipment needs of the program should this request be approved.

Since we are facing a budget deficit in Cooperative Education this year, it would be extremely helpful if the program could be switched over to General Fund support during the current fiscal year. It is probable that the time necessary to effect the change precludes making the switch for Fall Quarter 1986, but if the change could be made during either of the remaining quarters of the academic year we would be able to overcome the projected deficit for 1986-87.

Your continued support and encouragement in our efforts to institutionalize this exemplary program is greatly appreciated. We look forward to hearing from you soon regarding this request.

Sincerely,



Malcolm W. Wilson  
Interim Vice President for Academic Affairs

cc: Warren J. Baker, President  
Glenn W. Irvin, Associate Vice President for  
Academic Affairs and University Dean  
Lloyd Lamouria, Chair  
Academic Senate