I. Minutes:
   Approval of the March 7, 1989 Minutes of the Academic Senate (pp. 2-4).

II. Communication(s)/Announcement(s):
   A. Reading Materials (p. 5)
   B. President Baker has approved the following resolutions:
      AS-305-89/C&BC Resolution to Amend the Bylaws Making the Research
      Committee an Elected Committee
      AS-309-89/CC Resolution on the Curriculum Review Process
      AS-313-89/CC Resolution on Graduate Programs (pp. 6-7)
   C. Nominations are being received by the Academic Senate for the
      offices of Chair, Vice Chair, and Secretary for the 1989-1990
      term. Forms will be available at the meeting and in the
      Academic Senate office.

III. Reports:
   A. President
   B. Academic Affairs Office
   C. Statewide Senators
   D. Leon Maksoudian-El Corral Bookstore operations
   E. Report from the Elections Committee re the upcoming Senate/UPLC/
      statewide Senate elections

IV. Consent Agenda:

V. Business Item(s):
   Resolution on Name Change for the Computer Science Department-Connely,
   Computer Science Department, First Reading (pp. 8-13).

VI. Discussion Item(s):

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

(New reading materials highlighted in bold)

1/10/89  Transfer: Key to the Master Plan (CSU Board of Trustees Committee on Educational Policy)

3/9/89   Status of Senate Resolutions (Academic Senate CSU)
I want to acknowledge your memo of March 16 with which you transmitted the subject resolution dealing with the issue of 300-level courses for Graduate Programs. I had an opportunity to review the contents of the resolution with the Vice President for Academic Affairs, Malcolm Wilson, and the Associate Vice President for Graduate Studies, Research and Faculty Development, Robert Lucas, and am pleased to approve the basic content and policy enunciated in the Academic Senate resolution.

In order for the substance of the resolution to be clear and to simplify the implementation of the resolution, I am attaching a modification of the wording of the last resolved clause which does not change the sense of the resolution, but does clarify that implementation. I trust that the Academic Senate will find this modification acceptable.

Attachment
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 Associate Vice President for Graduate Studies, Research, and Faculty Development, limited courses may be substituted at the non-graduate 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 enrolled in master's degree programs who whose formal study plans were approved before June 30, 1989 to include with 300-level courses in their graduate plans of study will have those agreements honored, but that students entering graduate programs after June 30, 1989 must complete study plans consistent with the new requirement.
RESOLUTION ON DEPARTMENT NAME CHANGE:
COMPUTER SCIENCE DEPARTMENT

RESOLVED: That the "Computer Science Department" be changed to "Computer Science and Engineering Department."

Proposed By:
Computer Science Department
January 31, 1989
Memorandum

To: Charles Andrews, Chair
   Academic Senate

From: Malcolm W. Wilson
      Vice President for Academic Affairs

Subject: PROPOSED DEPARTMENTAL NAME CHANGE FOR THE
         COMPUTER SCIENCE DEPARTMENT

Attached is a copy of a memorandum from the Computer Science Department dated January 24, 1989 requesting that the name of their department be changed to the "Computer Science and Engineering Department." I would appreciate the Senate reviewing this request and forwarding a recommendation to me. A response prior to the end of the Winter Quarter would be appreciated.

Attachment
Memorandum

To: Malcolm Wilson, Vice President
    Academic Affairs

    via

    Peter Y. Lee, Dean
    School of Engineering

    via

    Roger C. Camp, Chair
    Computer Science Department

From: John B. Connely, Chair
    Computer Science Dept. Curriculum Committee

Date: January 24, 1989

Copies: CSC Faculty

Subject: REQUEST FOR DEPARTMENTAL NAME CHANGE

Pursuant to Dr. William Rife's memo of October 22, 1988, (see attachment #1), we are formally requesting that the name of the Computer Science Department be changed to the Computer Science and Engineering Department.

The desired change was initially proposed at our Fall Department Retreat. It was later discussed in some detail with Dean Lee. Finally it was unanimously approved by the Computer Science Faculty.

Dr. Lois Brady of our faculty was asked to prepare a statement encapsulating the various reasons given in support of the requested name change. Her statement is appended as attachment #2.

If this request is approved, the Department would wish to begin using the new name during the current catalog cycle.
Memorandum

To: John B. Connely  
Computer Science Department

From: William Rife  
Interim Associate Vice President  
for Academic Programs (x2246)

Subject: Changing the Name of the Computer Science Department

You asked me what steps you needed to take to change the name of your department to Computer Science and Engineering, besides including the change in your package of catalog revisions. I asked Malcolm Wilson.

Malcolm asks that you write a memo to him from or through Roger Camp and through Peter Lee, asking for the change; he foresees no problem in approving it. You could then use the new name before it appeared in the 1990-92 catalog.
COMPUTER SCIENCE and ENGINEERING - why?

The meaning of the terms
The American Heritage Dictionary ¹ gives the following definitions:

- **science**: The observation, identification, description, experimental investigation and theoretical explanation of phenomena.
- **engineering**: The application of scientific principles to practical ends as the design, construction, and operation of efficient and economical structures, equipment and systems.

Surely in this department we teach both science and engineering. Indeed it is the strong tradition of Cal Poly that we include the latter. Thus it would reflect more accurately what we do here to be named the Department of Computer Science and Engineering.

The recent history of the department
In 1984 the Computer Science Department joined the School of Engineering. Subsequently a degree program in Computer Engineering jointly coordinated by the administrative officers of the Departments of CSc and EL/EE was established. Ours is presently the only department in the School of Engineering without the designation "Engineering" in its name. Since we are in the School of Engineering, teach courses with an engineering flavor and jointly administer a program in Computer Engineering, it is fitting that this be reflected in our name.

The designation of professional societies
The IEEE Computer Society has proposed a "Model Program in Computer Science and Engineering" ², much of which is taught in this department. Thus it seems appropriate to designate our department in this way.

The most recent joint report of the ACM and IEEE Computer Society ³ on employment of Ph.D.s for the first time includes departments offering degrees in Computer Engineering as well as Computer Science. The intention to integrate the figures for both degrees in the future is stated.

Perception of others and its potential effect
Faculty report that industry perceives our students as having skills which are appropriately called "Computer Science and Engineering". The new name would alert potential employers to this before hiring our students. This could be beneficial to our graduates as well as employers.

---

¹The American Heritage Dictionary of the English Language; Houghton Mifflin Co; Boston

²IEEE Computer Society order number 932; December 1983

³The 1986-87 Taulbee Survey; in CACM; August 1988
Students who think of themselves as more interested in applications than in science may be more inclined to apply to a department of "Computer Science and Engineering." This could help provide a larger applicant pool.

There are several institutions which have departments named "Computer Science and Engineering". Cal Poly with its strong tradition of applying knowledge and skill and the precedent of having computer science in the School of Engineering has strong reasons for joining their ranks.
Elections Committee Report on Nominations Received to the Academic Senate, Statewide Academic Senate, and University Professional Leave Committee for the 1989-1991 Term

The elections to the Academic Senate, statewide Academic Senate, and University Professional Leave Committee will be held during the week of April 17, 1989 with ballots being counted on Monday, April 24, 1989 at a time/place to be noted on said ballots. The following nominations to the Academic Senate have been received:

**School of Architecture (3 vacancies)**
- Blackmon, Jack  Architecture
- Dalton, Linda  City & Regional Planning
- Weisenthal, Howard  Architecture

**School of Agriculture (3 vacancies)**
- Ahern, James  Agricultural Management
- Smith, Terry  Soil Science

**School of Business (2 vacancies)**
- Peach, David  Management

**School of Engineering (5 vacancies)**
- Balasubramanian, K.  Industrial Engineering
- Harris, James  EL/EE Engineering
- Horton, William  EL/EE Engineering
- Lomas, Charles  Engineering Technology
- Mallareddy, H.  Civil/Environmental Engineering
- Mehdizadeh, Amrollah  Mechanical Engineering
- Moustafa, Safwat  Mechanical Engineering
- Nahvi, Mahmood  EL/EE Engineering
- Shaban, Ali  EL/EE Engineering
- White, Donald  Industrial Engineering

**School of Liberal Arts (4 vacancies)**
- Coleman, James  Social Sciences
- Forroobar, Manzar  History
- LaPorte, Mary  Art & Design
- Simmons, James  English

**School of Professional Studies and Education (2 vacancies)**
- Acord, Pat  Physical Education/Rec Adm
- Lord, Sarah  Home Economics
- Mott, Stephen  Graphic Communication
- Murphy, James  Industrial Technology

**School of Science and Mathematics (6 vacancies)**
- Bailey, Christina "Tina"  Chemistry

**Professional Consultative Services (3 vacancies)**
- Brumley, Richard  Library
- Gamble, Lynne  Library
- Harrigan, Pauline "Polly"  Housing
- Lutrin, Patricia "Polly"  Student Life and Activities
- Reynoso, Wendy Demko  Student Academic Services
- Waller, Julia  Financial Aid
Nominations received for the University Professional Leave Committee vacancies:

SAED  
NO NOMINATIONS RECEIVED

SAGR  
Thomas J. Rice, Jr.  (Soil Science)

SBUS  
NO NOMINATIONS RECEIVED

SENG  
H. Mallareddy  (Civ/Env Engineering)

SPSE  
Ann Morgan  (Psychology/HD)

SSM  
Jean Marie McDill  (Mathematics)
      Roxy Peck  (Statistics)

Nomination received for the statewide Academic Senate (three-year term) vacancy:

SBUS  
Timothy Kersten  (Economics)
Student Affairs Committee of the Academic Senate

Condom Availability Proposal
3-15-89

Moved - Mary Beth Armstrong, Seconded - Michael Fahs

Passed Unanimous

Whereas: The Cal Poly AIDS Prevention Task Force has presented a proposal for the installation of condom dispensing machines on campus (January 13, 1989).

Whereas: The Student Affairs Committee of the Academic Senate has discussed the Cal Poly AIDS Prevention Task Force Proposal.

Therefore Be It Resolved: That the Student Affairs Committee recommends to the Academic Senate that they support the Cal Poly AIDS Prevention Task Force Proposal.
Memorandum

To: Warren J. Baker, President

via

Hazel J. Scott, Dean
Student Affairs

From: Cal Poly AIDS Prevention Task Force

Subject: CONDOM AVAILABILITY PROPOSAL

Date: January 13, 1989

The Cal Poly AIDS Prevention Task Force has been meeting regularly and has developed a proposal for the installation of condom dispensing machines on campus. This two-phase proposal came from the Condom Committee of the Task Force.

Rationale: The worldwide epidemic of AIDS and HIV infection has continued relentlessly. Once infected with the HIV virus, the individual is infectious and with time will develop AIDS. Presently AIDS appears to be 100% fatal. It is well documented that adolescents and young adults are quite sexually active; that at these times their judgment is often impaired by the circumstances or by drugs, especially alcohol. There is no reason to believe that Cal Poly students are different in this regard. Although educational efforts have been extensive and the students appear to have good knowledge of AIDS, significant behavioral changes have not occurred. Although AIDS is fatal, the HIV infection is preventable. Preventive measures include:

- no sharing of intravenous drugs or equipment (total non-use is better)
- avoidance of pregnancy in those known to be HIV infected
- chastity, or,
- faithful monogamous relations
- safe sex practices

In those sexually active who are not in a monogamous situation, preventive measures include the use of condoms. Condoms offer about a 90% protection against HIV infection, other sexually transmitted diseases, and pregnancy. The addition of the germicide/spermicide non-oxynol-nine gives some added protection to condoms. To be useful, condoms need to be available readily at low cost and obtainable with a minimum of embarrassment. Although moral and sexual responsibilities are part of our educational efforts, it must be remembered that exposure to a fatal disease is a heavy penalty for being unwise. Condom availability and usage are valuable preventives for AIDS.
CONDOM AVAILABILITY PROPOSAL
January 13, 1989
Page 2

PHASE ONE:

It is recommended that condom vending machines be placed in men and women's restrooms in or near the following locations:

- Mott Gymnasium
- University Union
- Kennedy Library
- Computer Science Buildings
- Snack Bar
- Vista Grande Restaurant
- Cellar

These sites were selected for their accessible location, heavy student traffic, and extended hours of operation.

Additionally, condoms will continue to be available at the Health Center Pharmacy during its normal hours of operation.

PHASE TWO:

Following the experience of condom vending machines in Phase One locations, it is further recommended that condom machines be installed in male and female restrooms in each residence hall complex.

Further information about HIV infection, AIDS, condoms in prevention of HIV disease, universities with vending machines is available. Our group is prepared to clarify questions about this proposal. Contact person - James H. Nash, M.D., Student Health Services, Ext. 1211.
Subject: BOOKSTORE SURVEY RESULTS

At the March meeting of the Foundation Board of Directors, the Board received a report highlighting results from the 1987-88 National Association of College Stores Large Stores Survey. The stores surveyed were the eighty-five largest college stores in the United States and Canada based on sales volume. Following is a brief summary of the report and additional data regarding textbook pricing.

**SUMMARY**

<table>
<thead>
<tr>
<th></th>
<th>Survey Average</th>
<th>El Corral</th>
<th>Survey Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Sales</td>
<td>$12,213,223</td>
<td>$12,263,481</td>
<td>26</td>
</tr>
<tr>
<td>Sales Per F.T.E. Student</td>
<td>$610</td>
<td>$864</td>
<td>15</td>
</tr>
<tr>
<td>Sales Per Sq. Foot</td>
<td>$578</td>
<td>$1,049</td>
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<tr>
<td>Gross Margin</td>
<td>26.08%</td>
<td>22.03%</td>
<td>73</td>
</tr>
<tr>
<td>Personnel Costs</td>
<td>13.73%</td>
<td>11.24%</td>
<td>71</td>
</tr>
<tr>
<td>Operating Expenses</td>
<td>22.05%</td>
<td>17.72%</td>
<td>73</td>
</tr>
</tbody>
</table>

Overall, the results of the survey indicate El Corral Bookstore is fulfilling its mission and providing the Cal Poly community with a high service level at a high level of efficiency. Total sales, sales per student and sales per square foot are all indicators of the service level provided.

Personnel costs at 11.24% of sales and total operating expenses at 17.72% of sales, among the lowest in the survey, attest to the efficiency at which these services are being provided.

The result which should be of interest to the whole campus community is the gross margin of 22.03% of sales. Again, among the lowest in the survey.

Gross margin results are a function of a store’s pricing policy, sales mix and inventory management or, mathematically, it is the difference between sales and cost of goods. El Corral’s 22.03% ranks 73rd in the total survey. This is a reflection of El Corral’s discount pricing policy, including lower margins on textbooks. Among the stores surveyed in this report, 73% price new textbooks with a 25% or higher margin. El Corral continues to price these books with a 23% margin. Additionally, El Corral discounts all pre-priced paperback textbooks 10% off of the publishers’ list price and sells used textbooks at 72% of the new book price as opposed to the industry standard of 75%.
To illustrate El Corral’s pricing policy, a sampling of current textbooks was selected which were also being used by at least three other C.S.U. campuses to provide the following price comparison chart. In addition to San Luis Obispo, the campuses represented in this comparison are: Humboldt, Long Beach, San Diego, Fullerton, Northridge, Hayward and Pomona. The titles compared are: #1 - Publications Manual of The American Psychological Association; #2 - State of The World 1989 by Brown; and #3 - Geography: Region and Concepts by Deblrij.

<table>
<thead>
<tr>
<th>CAMPUS</th>
<th>TITLE #1</th>
<th>TITLE #2</th>
<th>TITLE #3</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Luis Obispo</td>
<td>NEW</td>
<td>USED</td>
<td>NEW</td>
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<tr>
<td>A.</td>
<td>$17.10</td>
<td>$12.30</td>
<td>$8.95</td>
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<tr>
<td>B.</td>
<td>17.60</td>
<td>13.20</td>
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<tr>
<td>C.</td>
<td>17.60</td>
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<td>F.</td>
<td>18.10</td>
<td>13.60</td>
<td>9.95</td>
</tr>
</tbody>
</table>

We believe the above information attests to El Corral and Foundation management’s efforts to provide bookstore services at a fair price for the faculty and students of Cal Poly. You are encouraged to share this report and/or the information contained herein with your colleagues and students.
RESOLUTION TO SET ASIDE THE
SCHOOL REQUIREMENT FOR ACADEMIC SENATE OFFICERS

WHEREAS, Article III, Section B of the current Bylaws to the Constitution of the Academic Senate states that each school is permitted to provide only one Senate officer at a time; and

WHEREAS, The office of Secretary is presently vacant; and

WHEREAS, A member of Professional Consultative Services is presently serving as Vice Chair (Patricia "Sam" Lutrin) and another member of Professional Consultative Services (Jeanne Aceto) has been nominated to serve as Secretary for Spring Quarter 1989; and

WHEREAS, No other nominations for Secretary have been submitted to fill this vacancy; therefore, be it

RESOLVED: That the Academic Senate suspend the aforementioned eligibility requirement for Spring Quarter 1989.

Proposed April 11, 1989