I. Minutes:

II. Communication(s) and Announcement(s):

III. Reports:
   A. Academic Senate Chair:
   B. President's Office:
   C. Vice President for Academic Affairs:
   D. Statewide Senators:
   E. CFA Campus President:
   F. ASI representatives:

IV. Consent Agenda:

V. Business Items:
   Curriculum proposals:
   - NRM: REC 314 and 464 approved
   - PE & Kinesiology: PE 514, 515, 516, and 539 approved
   - Cultural Pluralism: POLS X209 tabled
   - CAGR: AG 439 and 450 tabled
   - Social Sciences:
     - SOCS 424: approved with exceptions:
     - Section V.3: deleted
   - Linguistics Minor (English Dept): approved
   - Value, Technology, & Society Minor:
     - I. required courses: 15 16 units
     - I. POLS 404... (3) (4)

Agricultural Engineering: M/S/P to approve the recommendation of the Agricultural Engineering Department to change the name of the major from Agricultural Engineering Technology to Agricultural Systems Management and to approve all courses previously disapproved by the Curriculum Committee.

VI. Discussion:

VII. Adjournment: The meeting was adjourned at 5:00pm.

Recorded by:  

Margaret Camuso  
Academic Senate
MEMORANDUM

Date: February 16, 1994

To: ACADEMIC SENATORS

From: Margaret Capasso
Academic Senate

Subject: Academic Senate Meeting
Tuesday, February 22, 1994, UU 220, 3-5pm

REMINDER

The Academic Senate will be meeting on February 22, 1994, from 3 to 5pm, in UU 220 to continue deliberation of the February 15, 1994 agenda.

PLEASE BRING YOUR AGENDA OF FEBRUARY 15 AND ALL MATERIALS DISTRIBUTED AT THAT MEETING TO THE MEETING ON FEBRUARY 22.
February 14, 1994

ACADEMIC SENATE NOMINATIONS RECEIVED FOR 1994-1996

The Academic Senate elections will be held between February 28 and March 11, 1994. Ballots will be counted on March 14, 1994 at 10:00am in Building 38, room 143.

COLLEGE OF AGRICULTURE
six vacancies

Academic Senate
Bermann, James  Ag Engr
Hampson, Brian  Food Sci & N
Hannings, David  Orna Horti
Lord, Sarah  Ag Educ
McNeil, Robert  Crop Sci
Ruehr, Thomas  Soil Sci

COLLEGE OF ARCHITECTURE AND ENVIRONMENTAL DESIGN
three vacancies

Academic Senate
Berrio, Mark  Arch Engr
Turnquist, Ed  Const Mgt

Research Committee
VACANCY

UPLC
VACANCY

COLLEGE OF BUSINESS
two vacancies

Academic Senate
Burgunder, Lee  Bus Admin

Research Committee
VACANCY

UPLC
VACANCY

COLLEGE OF ENGINEERING
four vacancies

Academic Senate
Dana, Charles  Comp Sci
Kolkailah, Faysal  Aero Engr
Lo, Chien-Kuo (Kurt)  Civ/Env Engr
Wheatley, Patrick  Comp Sci
COLLEGE OF LIBERAL ARTS
six vacancies

Academic Senate
DeLey, Warren  Soc Sci
Fetzer, Philip  Poli Sci
Martinez, William  For Langs
Scriven, Talmage  Philos
Spiller, William  Music
Weatherby, Joseph  Poli Sci

Research Committee
Krieger, Daniel  History

UPLC
Lutrin, Carl  Poli Sci

COLLEGE OF SCIENCE AND MATHEMATICS
five vacancies

Academic Senate
Cook, Gayle  Physics
Farrell, Gerald  Math
Lewis, George  Math
VACANCY
VACANCY

Research Committee
Goers, John  Chemistry

UPLC
VACANCY

PROFESSIONAL CONSULTATIVE SERVICES
three vacancies

Academic Senate
Fryer, Ann  DSS
Pritchard, Eileen  Library
VACANCY

Research Committee
VACANCY

UPLC
VACANCY

UNIVERSITY CENTER FOR TEACHER EDUCATION
one vacancy

Academic Senate
VACANCY

STATEWIDE ACADEMIC SENATE
one vacancy

Hale, Thomas  Math
# 1994-96 Catalog Proposals

**AGRICULTURAL ENGINEERING DEPARTMENT**

## VP AS CC

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## I. NEW COURSES

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<tr>
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<tbody>
<tr>
<td></td>
<td>1. AE 438 Drip Irrigation (4) 3 lec 1 lab C4/16 MCF</td>
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## II. DELETED COURSES

<table>
<thead>
<tr>
<th>A</th>
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<tbody>
<tr>
<td>1. AE 131 Agricultural Surveying (2) 1 lec 1 lab C2/16,</td>
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</tr>
<tr>
<td>2. AE 347 Principles of Agricultural Machinery (4) 3 lec 1 lab C2/16</td>
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## III. CHANGES TO EXISTING COURSES

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<tbody>
<tr>
<td>1. Create new course prefix (rubric) ASM (Agricultural Systems Management),</td>
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<tr>
<td>2. AE 134 Agricultural Electrification (3) 2 lec 1 lab C2/16 to ASM 325 Agricultural Energy Systems (3) 2 lec 1 lab C4/16. Descr change,</td>
</tr>
<tr>
<td>3. AE 323 Agricultural Products Handling (3) 2 lec 1 lab C4/16 to ASM 402 Agricultural Materials Science. Descr change,</td>
</tr>
<tr>
<td>4. AE 463 Undergraduate Seminar (2) 2 sem C5 to ASM 463 (1) 1 sem,</td>
</tr>
<tr>
<td>5. AE 581 Graduate Seminar in Agricultural Engineering (3) 3 sem C5. Total credit limited to 9 units. Descr and prereq change,</td>
</tr>
<tr>
<td>6. AE 141 Agricultural Machinery Safety (3) 2 lec 1 lab C2/16 to ASM 141,</td>
</tr>
<tr>
<td>7. AE 142 Agricultural Power and Machinery Management (4) 3 lec 1 lab C4/16 to ASM 142,</td>
</tr>
<tr>
<td>8. AE 203 Agricultural Systems Analysis (3) 2 lec 1 lab C4/16 to ASM 203,</td>
</tr>
<tr>
<td>9. AE 324 Principles of Agricultural Electrification (4) 3 lec 1 lab C4/16 to ASM 324,</td>
</tr>
<tr>
<td>10. AE 432 Agricultural Building (4) 3 lec 1 lab C4/16 to ASM 432,</td>
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Change the following courses from AE to AG rubric (and some level changes):

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<tbody>
<tr>
<td>11. AE 124 Small Engines (2) 1 lec 1 lab C2/13 to AG 124,</td>
</tr>
<tr>
<td>12. AE 231 Agricultural Building Construction (3) 1 lec 2 lab C2/16 to AG 231,</td>
</tr>
<tr>
<td>13. AE 234 Agricultural Power Transmission and Mechanics (3) 2 lec 1 lab C4/16 to AG 234,</td>
</tr>
<tr>
<td>14. AE 301 Closed Circuit Hydraulics (3) 2 lec 1 lab C4/16 to AG 201,</td>
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<tr>
<td>15. AE 335 Agricultural Power (3) 1 lec 2 lab C2/16 to AG 235,</td>
</tr>
<tr>
<td>16. AE 341 Gasoline Engine Diagnosis (3) 2 lec 1 lab C2/16 to AG 241,</td>
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</table>
| 17. AE 342 Diesel Fuel Systems (3) 2 lec 1 lab C2/16 to AG 242.
IV. CURRICULUM CHANGES

B.S. AGRICULTURAL ENGINEERING TECHNOLOGY

Support courses:
1. ADD to CSC 251 (F.I.) as options: CSC 118 Fundamentals of Computer Science I (4) or CSC 204 C and UNIX (3).
2. DE ETMP 143 Engineering Drawing II (1).
3. ADD AE 151 CAD for Agricultural Engineering (1).

B.S. AGRICULTURAL ENGINEERING TECHNOLOGY

4. Change name from B.S. Agricultural Engineering Technology to B.S. Agricultural Systems Management

Major courses:
5. Increase total units from 73 to 91.
6. Move AE 128 (3) to Support area.
7. Move AE 133 (3) to Support area.
8. ADD ASM 203 Agricultural Systems Analysis (3).
9. DE AE 231 Agricultural Building Construction (3).
11. DE AE 237 Engineering Surveying I (2).
12. DE 301 Closed Circuit Hydraulics (3).
13. DE AE 335 Agricultural Power (3).
14. DE AE 341 Gasoline Engine Diagnosis (3).
15. DE AE 342 Diesel Fuel Systems (3).
16. DE AE 343 Project Analysis (5).
17. DE AE 344 Agricultural Equipment Projects (3).
19. ADD AGB 212 Agricultural Economics (3).
20. ADD AGB 301 Agricultural Marketing (3).
21. ADD AGB 310 Agricultural Credit and Finance (3).
22. ADD AGB 401 Agribusiness Labor Relations and Personnel Management (4).
23. Move ACTG 211 (4) to Major from Support area.
24. ADD Adviser approved electives (21):

Support courses:
25. Reduce total units from 64 to 42.
26. DE CSC 110/CSC 120 as choices for GEB F.I.
27. DE AGB 312 Agricultural Policy (3).
28. DE BUS 201 Business Law Survey (3).
29. DE ETMP 144 and ETMP 145 Manufacturing Processes: Machining I, II (2,1).
30. DE ETWT 144 Manufacturing Processes: Welding I (2).
31. DE ETWT 155 Industrial Welding Technology (1).
32. DE MATH 116 Pre-Calculus Algebra I (3).
33. DE MATH 117 Pre-Calculus Algebra II (B.2.) (3).
34. ADD MATH 118 Pre-Calculus Algebra (B.2.) (4).
35. ADD PHYS 104 Introduction to Physics (B.1.a.) (4).
36. DE PHYS 121, 122, 123 College Physics (B.1.a.) (4, 4, 4)
37. Change Animal production elective (4) and Plant production elective (4) to Animal or plant production elective (3).

Electives:
38. Reduce free elective units from 8 to 6.

V. CURRICULUM COMMITTEE COMMENTS

Note: Shaded areas reflect items no longer under discussion.
1. AE 348 should be offered as an experimental course first.
2. The change from BS in Agricultural Engineering Technology to BS Agricultural Systems Management reflects a change in both name and content of the program. It appears to be a different major. The ASCC has not completed deliberation on the program.
3. The Committee found that the proposed changes from BS in Agricultural Engineering Technology to BS in Agricultural Systems Management were significant in both name and curricular content. Given that a central core of these courses are offered by another program in the College, the Committee did not find the proposed program to be fundamentally different from those currently available to students in the College, with added concentration/minor in technology. Therefore, the Committee suggests that although the subject matter is important, its content may best be delivered as a minor or concentration in another program.
ACADEMIC SENATE
OF CALIFORNIA POLYTECHNIC STATE UNIVERSITY
San Luis Obispo, California

RESOLUTION ON
THE CURRICULUM PROPOSAL TO CHANGE
AGRICULTURAL ENGINEERING TECHNOLOGY TO:
AGRICULTURAL SYSTEMS MANAGEMENT

WHEREAS, The Agricultural Engineering Department has tried to work with the University Curriculum Committee, with due respect, in justifying a change of direction in curriculum and major name and still maintain a strong technology base; and

WHEREAS, The proposed program in Ag Systems Management has the support of the AgriBusiness Department and is recognized by them as a distinct and separate major from agribusiness with a distinctly separate core of courses; and

WHEREAS, The proposed program fosters an interdisciplinary approach to education and is in compliance with the desire that a program be 1/3 major courses, 1/3 general education and 1/3 support courses; and

WHEREAS, This program change will allow Agricultural Engineering to separate service courses from the professional program; and

WHEREAS, This program change will “open up” the curriculum to foster a more efficient process of program completion; and

WHEREAS, Universities of prestige, such as Purdue, Kansas State, University of Nebraska, Penn State, Texas A & M, The University of Idaho, and Texas Tech have changed their program names to Agricultural Systems Management; therefore be it

RESOLVED, That the name of the Agricultural Engineering Technology major be changed to Agricultural Systems Management, with the resultant coursework redirection as proposed.

16 Feb 94, 10:15 a.m.
February 14, 1994

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Turnquist, Ed  Const Mgt
VACANCY

Research Committee
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UPLC
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two vacancies

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Burgunder, Lee  Bus Admin
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COLLEGE OF ENGINEERING
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Kolkailah, Faysal  Aero Engr
Lo, Chien-Kuo (Kurt)  Civ/Env Engr
Wheatley, Patrick  Comp Sci
**COLLEGE OF LIBERAL ARTS**
six vacancies

**Academic Senate**
- DeLey, Warren  
  Soc Sci
- Fetzer, Philip  
  Poli Sci
- Martinez, William  
  For Langs
- Scriven, Talmage  
  Philos
- Spiller, William  
  Music
- Weatherby, Joseph  
  Poli Sci

**Research Committee**
- Krieger, Daniel  
  History

**UPLC**
- Lutrin, Carl  
  Poli Sci

**COLLEGE OF SCIENCE AND MATHEMATICS**
five vacancies

**Academic Senate**
- Cook, Gayle  
  Physics
- Farrell, Gerald  
  Math
- Lewis, George  
  Math
- VACANCY
- VACANCY

**Research Committee**
- Goers, John  
  Chemistry

**UPLC**
- VACANCY

**PROFESSIONAL CONSULTATIVE SERVICES**
three vacancies

**Academic Senate**
- Fryer, Ann  
  DSS
- Pritchard, Eileen  
  Library
- VACANCY

**Research Committee**
- VACANCY

**UPLC**
- VACANCY

**UNIVERSITY CENTER FOR TEACHER EDUCATION**
one vacancy

**Academic Senate**
- VACANCY

**STATEWIDE ACADEMIC SENATE**
one vacancy

**Hale, Thomas**  
**Math**
### TABLED ITEMS
#### 1994-96 CATALOG

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### NATURAL RESOURCES MANAGEMENT DEPARTMENT
(Recreation Administration)

#### III. CHANGES TO EXISTING COURSES

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<tr>
<th>TA</th>
<th>REC 314 Travel and Tourism - Implications for Leisure (3) to Travel and Tourism Planning (4) Descr change</th>
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<tr>
<td>TA</td>
<td>REC 464 Delivery of Commercial Services (3) to Commercial Recreation Planning and Delivery (4), Descr change</td>
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#### V. CURRICULUM COMMITTEE COMMENTS

2. REC314 and REC464 need Expanded Course Outlines

### PHYSICAL EDUCATION and KINESIOLOGY DEPARTMENT

#### I. NEW COURSES

<table>
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<tr>
<th>TA</th>
<th>PE 514 Health Education Planning (3) 3 sem C5 (replaces PE 512 Critical Health Issues (3) 3 sem C5).</th>
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<tr>
<td>TA</td>
<td>PE 515 Communication and Behavior within a Health and Physical Education Setting (3) 3 sem C5 (replaces PE 512 Critical Health Issues (3) 3 sem C5).</td>
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<tr>
<td>TA</td>
<td>PE 516 Management of Health Promotion in the Workplace (3) 3 sem C5.</td>
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<tr>
<td>TA</td>
<td>PE 539 Observation and Analysis of Teaching Physical Education (3) 2 lec 1 lab C5/15</td>
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#### V. CURRICULUM COMMITTEE COMMENTS

3. PE514,515,516,539 need Expanded Course Outlines with citations

### U. S. CULTURAL PLURALISM REQUIREMENT

#### I. CURRENT LIST OF COURSES

The USCP Committee is currently reviewing additional course proposals and will continue to accept course proposals for review.

18. POLS X209 American and California Ethnic Politics (GEB D1)

#### II. CURRICULUM COMMITTEE COMMENTS

The ASCC strongly recommends that all USCP courses be reviewed for consideration in GEB
## COLLEGE OF AGRICULTURE
### 1994-96 CATALOG

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<tr>
<td></td>
<td>1. AG 439 Integrated Ranch Operation (6-12) supv CR/NC</td>
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<tr>
<td></td>
<td>2. AG 450 Concepts in Applied Resource Management (4) 2 lec, 2 lab C2/16</td>
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### II. DELETED COURSES

|    | none |

### III. CHANGES TO EXISTING COURSES

|    | none |

### IV. CURRICULUM CHANGES

|    | None |

### V. CURRICULUM COMMITTEE COMMENTS

|    | 1. AG 439 and AG 450 have been previously taught as "experimental" courses with very low enrollment. |
|    | 2. The minimum student materials in the expanded course outlines for both courses should reflect the academic content of the courses. |