

**I. Announcements**

- A. Proposed Folder Structure and File Name Scheme

**II. Business**

- A. Review of September 26, 2007 minutes
- B. College of HHD Curriculum Review [[See attachment IIB](#)]
- C. College of ECS Curriculum Review [[See attachment IIC](#)]
- D. College of CSM Curriculum [[See attachment IID](#)]
- E. Paperless Distribution of Curriculum Proposal
- F. UDGE Courses and Information Competence (IC)

**III. Pending Items**

- A. Add/Drop policy returning from the Faculty Senate

**[Attachment IIB]**

Review of the College of Health and Human Development Curriculum 10/10/07

I. Program Modifications

- A. Child and Adolescent Development Bachelor Degree Honors Program
- B. KIN: Option in Physical Education – Increase in units
- C. Health Sciences: BS Nursing 9 units GE Waived
- D. BS Radiologic Technology 9 units GE Waived
- E. RTM: Require a grade of "C" or better in each core class for majors at the undergraduate level for the units to be counted as progress toward a degree

II. Course Modifications

- A. KIN 315/L: Advanced Analysis of Dance Forms-Social
- B. KIN 325L: Motor Development Laboratory
- C. KIN 329L: Motor Learning and Control Laboratory
- D. KIN 471/L: Developmental Movement Programs for Children and Lab

III. New Courses

- A. KIN 271/L: Fundamental Movement, Gymnastics & Rhythms & Lab
- B. KIN 272/L: Non-Traditional Games and Activities & Lab
- C. KIN 273/L: Analysis and Application of Games and Sports and Lab
- D. KIN 462/L: Physical Education Content Development for Adolescents & Lab

**[Attachment IIC]**

Review of the College of ECS Curriculum 10/10/07

I. Civil Engineering and Applied Mechanics Department

A. Program Modification Proposals

1. B.S., Civil Engineering: change program requirements with no change in total units in program (replace the required freshman course MSE 101/L by CE 101/L). Contingent upon approval of new course proposal for CE 101/L.
2. B.S., Construction Management Technology: change program requirements with no change in total units in program; other changes as described in proposal attachments.
3. Minor in Construction Management Technology: change program requirements with no change in total units in program (change program name from "Minor in Construction Management Technology" to "Minor in Construction Management").

B. Course Modification Proposals

1. CE 436. Structures II - change course classification from 3 units @ C-4 to 3 units @ C-5; change subject abbreviation from CE 436 to CE 536; change corequisite from CE 436L to corequisite CE536L.
2. CE 436L. Structures II Lab - change subject abbreviation from CE 436L to CE 536L; change prerequisite from CE 335 and corequisite CE 436 to prerequisite CE 335 and corequisite CE 536.
3. CE 437. Timber Design – change unit value from 3 units to 4 units; change course classification from 3 units @ C-4 to 4 units @ C-5; change course title to Timber and Masonry Design; change course abbreviation to Timber & Masonry.
4. CMT 309. Computer Applications in Construction Management – change prerequisite from ACCT 220 to prerequisite COMP 100 and instructor consent.
5. CMT 312/L. Project Cost Control, Planning, and Scheduling - change prerequisites from BLAW 280 and ACCT 220 and corequisite CMT 312L to prerequisites ACCT 220, MATH 255A, CMT 240/L, instructor consent, and corequisite CMT 312L.
6. CMT 315/L. Fundamentals of Construction Management – change subject abbreviation from CMT 315/L TO CMT 415/L; change prerequisite from CMT210/L and corequisite CMT 315L to prerequisites CMT 210/L, CMT 312/L, instructor consent and corequisite CMT 415L.
7. CMT 401/L. Construction Contract Administration – change requisites from BLAW 280, senior standing, and corequisite CMT 401L to prerequisites BLAW 280, CMT 210/L, and corequisite CMT 401L.
8. CMT 410/L. Construction Estimating – change subject abbreviation from CMT 410/L to CMT 310/L; change prerequisite from CMT 312/L and corequisite CMT 410L to prerequisites ACCT 220, MATH 255, CMT 240/L and corequisites CMT 312/L and CMT 310L.
9. CMT 434/L. Site Planning and Logisitics – change prerequisites from CMT 208/L, CMT 312/L, CMT 326/L and corequisite CMT 434L to prerequisites CMT 208/L and CMT 326/L and corequisite CMT 434L.
10. CMT 440A/L. Civil Technology I – change course title to Structural Design; change course abbreviation; change current catalog course description; change subject abbreviation number to CMT 440/L; change requisites.

11. CMT 480. Construction Law – change prerequisite from BLAW 280 to prerequisites BLAW 280 and CMT 210/L.
12. CMT 488A. Construction Senior Design I – change prerequisites from senior standing in Construction Management and instructor consent to prerequisites CMT 310/L, CMT 312/L, and senior standing in Construction Management.
13. CMT 490. Cooperative Educational Experience - change subject abbreviation from CMT 490 to CMT 494; change prerequisites to CMT 310L; CMT 312/L.

C. New Course Proposals

1. CE 101/L. Introduction to Civil Engineering and Lab (1 units @ C-4; 1 units @ C-16)  
Freshman orientation course for the civil engineering program, the profession, and an introduction to the University. Introduction to the tools for civil engineering studies: internet, word processing, spreadsheet. Development of communication skills and ability to work in teams. Development of learning skills in civil engineering studies. 1 hours lecture-discussion and 3 hours lab per week.
2. CMT 441/L Highway Design (2 UNITS @ C-4; 1 UNIT @ C-15 )  
The course covers basic highway design and traffic circulation principles. Study of design elements of alignment, profile, cross-section, and controlled-access highways. Investigation of functional highway classification, Traffic volume, signs and measurements, intelligent transportation systems, Caltrans standard drawings and specifications. Two (2) hours of lecture per week and three (3) hours of technical activity-laboratory per week.

II. Manufacturing Systems Engineering and Management Department

A. Course Modification Proposals

1. MSE 286. Survey of the Entertainment Industry – Delete course.
2. MSE 410. Manufacturing Systems Modeling – Modify title and description.
3. MSE 410L. Manufacturing Systems Modeling Laboratory – Modify title and description.
4. MSE 464. Manufacturing Resource Planning – Delete course.
5. MSE 488A. MSEM Senior Design I – Modify prerequisites to include WPE passing score.

B. New Program Proposal

1. B.S. Engineering Management

C. New Course Proposals

1. MSE 401. Introduction to Engineering and Technology Management (3 units @ C-4) Recommended preparatory: MSE 304 and MSE 362. An introduction to the roles of the engineer in managing engineering and technology activities. Responsibilities of engineering and technology managers, and transitioning into these roles. Challenges and risks in engineering and technology management. Available for graduate credit.
2. MSE 406. Engineering Cost Analysis (3 units @ C-4) Recommended preparatory: MSE 304 and MSE 362. Principles of cost analysis and estimating for the evaluation of engineering design and production, with emphasis on evaluating innovations and inventions. Case studies and practical application experiences. Available for graduate credit.

### III. Mechanical Engineering Department

#### A. Program Modification Proposals

1. B.S., Mechanical Engineering: change program requirements with no change in total units in program (a list of 10 courses offered by engineering departments other than ME is to be added to the current list of acceptable ME senior electives).

#### B. Course Modification Proposals

1. ME 286B/L. Mechanical Engineering Design II and Lab – change prerequisites from ME 286A and PHYS 220A/L to prerequisite PHYS 220A/L.
2. ME 309. Numerical Analysis of Engineering Systems – change prerequisites from Math 150B; ME286B/L or Comp 106/L or ECE 206/L to Math 150B; ME286B/L or Comp 106/L or ECE 206/L or CE 280/L.
3. ME 501A. Seminar in Engineering Analysis – change current catalog course description.
4. ME 501B. Seminar in Engineering Analysis – change current catalog course description.

[See attachment IID]

Review of the College of Curriculum CSM 10/10/07

**REGULAR CURRICULUM**

**I. Biology**

A. Program Modification Proposals

1. B.A. in Biology. p. 1-3. Add new courses BIOL 409/L and BIOL 492J to a list of selected courses in Systematics and Comparative Biology. Change course title of BIOL 406/L/492K. Change listing of CHEM 333 and 334 to indicate separate lecture and lab.
2. B.S. in Biology, all options p. 4-7. In Option II Environmental Biology, add BIOL 409/L/492J Non-Flowering Plants to the list of selective courses for Botany requirement. Add it as an elective for Option V Marine Biology. Change listings of Chem 333 and 334 in all options to indicate separate lecture and lab.

B. Course Modification Proposals

1. Course Mod BIOL 406/L. p. 16-18. Change title. The title change from Systematic Botany and Lab to Flowering Plant Systematics and Lab makes it clear to the student that the course covers only material related to flowering plants. The course content has not changed. The course has always only covered flowering plants.
2. Course mod BIOL 492A-Z. p. 19-22. Add BIOL 492J as a new field studies selection in non-flowering plants to the list of options.

C. New Course Proposals

1. BIOL 409/L. p. 8-15. New selective course choice for the BA and BS Options II and V. The new course provides for the first time a course devoted entirely to the non-flowering plants.

**II. Chemistry and Biochemistry**

A. Program Modification to all undergraduate degree options. p. 23-31.

1. Elimination of the B.S. degree in Chemistry, Environmental Chemistry Option,
- 2) replacement of CHEM 333 with CHEM 333/L and replacement of CHEM 334 with CHEM 334/L, and
- 3) add CHEM 333R and 334R as required UD core courses.

B. Course Modification Proposals.

1. CHEM 333 (4). Separate lecture and lab to create CHEM 333/L (3/1). p. 32-44. Years ago, SOLAR created class numbers for zero-unit CHEM 333L and CHEM 334L, even though these courses never existed as independent courses. Therefore, at the request of the SOLAR catalogers, the proposed new independent lab courses are done as course modifications of these existing numbers to minimize confusion in the SOLAR catalog.
2. Course Mod CHEM 333R. p. 45-51. Change from optional CR/NC recitation for CHEM 333 to required letter-graded recitation for all C&B undergrad options.
3. Course Mod CHEM 334 (4). p. 52-65. Separate lecture and lab to create CHEM 334/L (3/1). See comment about SOLAR in CHEM 333.
4. Course Mod CHEM 365 (4). p. 72-74. Change prerequisites so that students who took CHEM 333 instead of CHEM 365 do not need permission numbers and course substitutions.

C. New Course Proposals

1. CHEM 334R. p. 66-71. Create required 1-unit, letter-graded recitation for CHEM 334 all C&B undergrad options.

## **GE CURRICULUM**

### **I. Biology**

#### **A. Course Modification Proposals**

1. BIOL 285. Change prerequisites in course in Lifelong Learning. GE p. 1-5
2. BIOL 325. Change prerequisites in course in Lifelong Learning. GE p. 6-10
3. BIOL 327. Change prerequisites in course in Natural Sciences. GE p. 11-15

#### **B. New Course Proposals**

4. BIOL 317/L. New GE course in Natural Sciences, also IC. GE p. 16-27
5. BIOL 362/L. New GE course in Natural Sciences, also IC. GE p. 28-37

### **II. Mathematics**

#### **A. Course Modification Proposals**

1. MATH 103. Change prerequisites in this GE Basic Skills Mathematics course, which is designed specifically to meet the needs of business majors. GE p. 38-40

### **III. Chemistry and Biochemistry**

#### **A. Course Modification Proposals**

1. CHEM 100. Change corequisite lab from CHEM 110L to CHEM 100L in this GE Natural Science course, pending approval of the course modification of CHEM 100L. GE p. 41-43
2. CHEM 100L. Add to GE Natural Science. The existing laboratory associated with CHEM 100 is currently not designated as approved for General Education because the course was instituted at the time of GE reform. GE p. 44-50