DIRECTIONS: Provide one form with original approval signatures in lines 1 - 4 for each proposed action. Keep this form to one-page in length. Forms and appropriate attachments should be submitted to the Office of Academic Affairs, who will assign a Log Number to each proposal. Additional copies may be required at a later time.

DATE SUBMITTED: March 29, 2004

PCC LOG NO. 03056

COLLEGE/SCHOOL: A. James Clark School of Engineering

DEPARTMENT/PROGRAM: Civil and Environmental Engineering

PROPOSED ACTION (A separate form for each) ADD______ DELETE______ CHANGE ✓

DESCRIPTION (Provide a succinct account of the proposed action. Additional detail may be provided in an attachment. Provide old and new sample programs for curriculum changes.)

ENCE 361 is eliminated as a required course for the Transportation/Project Management and Environmental/Water Resources tracks in the Civil and Environmental Engineering undergraduate curriculum.

JUSTIFICATION/REASONS/RESOURCES (Explain the reason for the proposed action. Identify the source of new resources that may be required. Attach additional material if needed.)

The new CEE undergraduate curriculum requires students to select one of three tracks for concentration: Infrastructure Engineering; Environmental/Water Resources; and Transportation/Project Management. This curriculum (in concert with a companion PCC proposal imposing a distribution requirement on ENCE electives) provides only two free electives for students in the Infrastructure track and only one free elective for students in the Transportation/Project Management and Environmental/Water Resources tracks. As a result, very little flexibility remains in the CEE undergraduate curriculum. It is therefore proposed that ENCE 361 Applied Numerical Techniques be eliminated as a required course for the Transportation/Project Management and Environmental/Water Resources tracks. This change opens up an additional unrestricted elective to students in these two tracks and brings the number of free electives for students in all tracks to two, providing some consistency to the program. The status of ENCE 361 as a restricted elective (must take 2 of 3 from ENCE 361, ENCE 444, ENCE 453) for students in the Infrastructure track is not affected by this change.

APPROVAL SIGNATURES

1. Department Committee Chair 
   Charles W. Swanson
   Date: 3/25/04

2. Department Chair 
   Date: 3/29/04

3. College/School PCC Chair 
   Date: 4/24/04

4. Dean 
   Date: 3/30/04

5. Dean of the Graduate School (if required) 

6. Chair, Senate PCC 
   Date: 5/6/04

7. Chair of Senate 

8. Vice President for Academic Affairs & Provost 
   Date: 5/6/04

VPAAP Rev. 2/2/98
May 6, 2004

MEMORANDUM

TO: Nariman Furvarden
Dean, A. James Clark School of Engineering

FROM: Victor Korenman
Associate Provost for Academic Planning and Programs

SUBJECT: Proposal to Modify the Curriculum of the Transportation Project Management and Environmental/Water Resources Tracks in the Bachelor’s Program in Civil Engineering (PCC Log No. 03056)

At its meeting on May 6, 2004, the Senate Committee on Programs, Curricula, and Courses approved your proposal to modify the curriculum of the Transportation/Project Management and Environmental/Water Resources tracks in the bachelor’s program in Civil Engineering. A copy of the approved proposal is enclosed.

The change is effective in the Fall Semester, 2004. The School should ensure that this change is appropriately reflected in all university documentation, and that all advisors are informed.

VK:sfm
Enclosure

Cc: Dr. Sylvester Gates, Chair, Senate PCC
Dr. Mary Giles, University Senate
Ms. Barbara Hope, Data Administration
Dr. Phyllis Peres, Undergraduate Studies
Dr. Gary Pertmer, A. James Clark School of Engineering
Ms. Anne Turkos, Archives
Dr. Linda Yokoi, Records & Registrations

VK:sfm
Enclosure
PROPOSED CHANGES TO CEE CURRICULUM

The proposed distribution requirement affects only the ENCE 361 requirement in the junior year for only the Transportation/Project Management and Environmental/Water Resources tracks. Items deleted from the curriculum are indicated below by strikeouts and additions are indicated in italics. These changes do not cause any change in the overall credit requirements for the program.

JUNIOR
Transportation Systems and Engineering Management

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(see companion PCC proposal for new distribution requirements on ENCE electives)

Total 15 15

JUNIOR
Environmental and Water Resources Engineering

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(see companion PCC proposal for new distribution requirements on ENCE electives)

ENCE 302 3 ENCE 300 3
CORE 3 ENCE 310 3

Total 16 15