# Course Change Proposal
## Form A

<table>
<thead>
<tr>
<th>Academic Group (College):</th>
<th>Engineering and Computer Sci.</th>
<th>Academic Organization (Department):</th>
<th>Civil Engineering</th>
<th>Date:</th>
<th>November 14, 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Course Proposal:</td>
<td></td>
<td>Department Chair:</td>
<td>Ramzi Mahmood</td>
<td>Submitted by:</td>
<td>E. Dammel</td>
</tr>
<tr>
<td>New ___ Change <em>X</em> Deletion ___</td>
<td>For Catalog Copy: Yes <em>X</em> No ___</td>
<td>CCE (Extension): Yes ___ No <em>X</em></td>
<td>Semester Effective:</td>
<td>Fall ___ Spring <em>X</em>, 2009</td>
<td></td>
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</tbody>
</table>

This course replaces experimental course Subject Area (prefix) and Catalog Nbr (course number): N/A

If changing an existing course, should new version be considered a repeat of the original version? If so, the same Course ID will be maintained. If not, a new Course ID will be assigned. Note: In PeopleSoft terminology, the Course ID is the unique system identifier, not the Catalog Nbr.

<table>
<thead>
<tr>
<th>Subject Area (prefix) &amp; Catalog Nbr (course no.):</th>
<th>Title:</th>
<th>Units:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE 161</td>
<td>Theory of Structures I</td>
<td>3</td>
</tr>
</tbody>
</table>

### Change from:
- **Subject Area (prefix) & Catalog Nbr (course no.):** CE 161
- **Title:** Theory of Structures I
- **Units:** 3

### Change to:
- **Subject Area (prefix) & Catalog Nbr (course no.):** No Change
- **Title:** No Change
- **Units:** No Change

### JUSTIFICATION:

**Current Prerequisites:** Engr 112, Math 32, CE 146; CE 146 may be taken concurrently

CE 161 is a core technical requirement in the major. CE 001A (Introduction to Civil Engineering) and CE 101 (Computer Applications in Civil Engineering) are introductory classes. CE 146 (Professional Practice) is a bridge class that can be taken concurrently with either the introductory classes or the core technical classes. Accordingly, CE 001A and CE 101 can be taken concurrently with CE 146. Unfortunately, students interpret this to mean that they can take all the classes, CE 001A, CE 101, CE 146 and CE 161, concurrently. The change in prerequisites proposed here closes this unintentional loophole. The department intent is that students should complete the introductory classes (CE 001A and CE 101) before attempting core technical classes.

**New Prerequisites:** Engr 112, Math 32, CE 001A, CE 101, CE 146; CE 146 may be taken concurrently

**NEW COURSE DESCRIPTION:** (Not to exceed 80 words, and language should conform to catalog copy. See http://www.csus.edu/umanual/acad.htm - Guidelines for Catalog Course Description)

N/A

**Note:**

**Prerequisite:**
- Enforced at Registration: Yes _X_ No ___ Engr 112, Math 32, CE 001A, CE 101, CE 146; CE 146 may be taken concurrently

**Corequisite:**
- Enforced at Registration: Yes ___ No _X_

**Graded:**
- Letter _X_ Credit/No Credit

**Instructor Approval Required?** Yes _X_ No _X_

**Course Classification (e.g., lecture, lab, seminar, discussion):**
- Title for CMS (not more than 30 characters)
- Theory of Structures I

**Lecture**

**Cross Listed?**
- Yes ___ No _X_

If yes, do they meet together and fulfill the same requirement, and what is the other course.

**How Many Times Can This Course be Taken for Credit?** _1_

**Can the course be taken for Credit more than once during the same term?** Yes ___ No _X_
FOR NEW COURSE PROPOSALS OR SUBSTANTIVE CHANGES ONLY:

Description of the Expected Learning Outcomes: Describe outcomes using the following format: “Students will be able to: 1), 2), etc.” See the example at http://www.csus.edu/acaf/example.htm

No Change

**Attach a list of the required/recommended course readings and activities [Note: it is understood that these are updated and modified as needed by the instructor(s).] This attachment should be forwarded only to your Dean's office, not Academic Affairs.

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above:

No Change

For whom is this course being developed?
Majors in the Dept _X_ Majors of other Depts ___ Minors in the Dept ___ General Education ___ Other ___
Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes X __ No ___
If yes, identify program(s): Civil Engineering Majors

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer facilities, faculty, etc.)? Yes ___ No _X___
If yes, attach a description of resources needed and verify that resources are available.

Indicate which department or programs will be affected by the proposed course (if any). ____________________________

The Department Chair's signature below indicates that affected programs have been sent a copy of this proposal form.

Approvals: If proposed change, new course or deletion is approved, sign and date below. If not approved, forward without signing to the next reviewing authority, and attach an explanatory memorandum to the original copy.

Signatures: ____________________________ Date: 11/21/2008

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td>Department Chair:</td>
<td>11/21/2008</td>
</tr>
<tr>
<td>College Dean or Associate Dean:</td>
<td>11/21/09</td>
</tr>
<tr>
<td>CPSP (for school personnel courses ONLY)</td>
<td></td>
</tr>
<tr>
<td>Associate Vice President and Dean for Academic Programs</td>
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Distribution: Academic Affairs (original), Department Chair and College Dean. Dean's office to send original after approval to Academic Affairs, at mail zip 6016. An electronic copy must also be sent.

9/10/2008