# Course Change Proposal

**Form A**

<table>
<thead>
<tr>
<th>Academic Group (College):</th>
<th>Academic Organization (Department):</th>
<th>Date: 09/14/07</th>
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<tbody>
<tr>
<td>Engineering &amp; Computer Science</td>
<td>Civil Engineering</td>
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<th>Type of Course Proposal:</th>
<th>Department Chair:</th>
<th>Submitted by:</th>
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<tbody>
<tr>
<td>New ___ Change X ___ Deletion ___</td>
<td>Dr. Ramzi Mahmood</td>
<td>Dr. Cyrus Aryani</td>
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<tr>
<th>Does this course fulfill a requirement for single-subject or multiple subject credential students?</th>
<th>For Catalog Copy:</th>
<th>CCE (Extension):</th>
<th>Semester Effective:</th>
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<tr>
<td>Yes ___ No X</td>
<td>Yes ___ No ___</td>
<td>Yes ___ No X</td>
<td>Fall X Spring ___, 2008</td>
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This course replaces experimental course Subject Area (prefix) and Catalog Nbr (course number):

**Change from:**

<table>
<thead>
<tr>
<th>Subject Area (prefix) &amp; Catalog Nbr (course no.):</th>
<th>Title:</th>
<th>Units:</th>
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<tr>
<td>CE 280A</td>
<td>Advanced Soil Mechanics and Foundation Engineering I</td>
<td>3</td>
</tr>
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</table>

**Change to:**

<table>
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**JUSTIFICATION:**

Update course description

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

Advanced analyses in soil mechanics and their practical applications in foundation engineering; compressibility of soils, settlement analysis, and tolerable settlement; lateral earth pressures and design of earth retaining structures; bearing capacity and shallow foundations; in-situ soil testing for foundation design; design of deep foundations, including driven piles, drilled shaft foundations, and laterally loaded piles. Prerequisite: CE 171A or equivalent. 3 units.

**Note:**

Prerequisite: CE 171A or equivalent

Enforced at Registration: Yes ___ No ___

Corequisite:

Enforced at Registration: Yes ___ No ___

CAN (California Articulation Number):

<table>
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<tr>
<th>Graded: Letter ___ Credit/No Credit ___</th>
<th>Instructor Approval Required? Yes ___ No ___</th>
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<tbody>
<tr>
<td>Seminar C ___</td>
<td></td>
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Course Classification (e.g., lecture, lab, seminar, discussion): Title for CMS (not more than 30 characters)

Adv Soil Mech+Foundation I

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/academic-affairs/example.html

**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:

---

**For whom is this course being developed?**

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<th>General Education</th>
<th>Other</th>
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Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes ____ No ____

If yes, identify program(s):

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 ____

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.

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<tbody>
<tr>
<td>Department Chair:</td>
<td>9/21/07</td>
</tr>
<tr>
<td>College Dean or Associate Dean:</td>
<td>2/24/07</td>
</tr>
<tr>
<td>CPSP (for school personnel courses ONLY)</td>
<td></td>
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Associate Vice President and Dean for Academic Programs

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.
California State University, Sacramento  
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE  

COURSE APPROVAL CHECKLIST  

Please answer all questions (enter NA if not applicable)  

1. Course number and title: CE 280A  
2. Old course number and title: Same  
3. Name of person in charge: Dr. Ramzi Mahmood  
4. Is the course ___ required ___ elective ___ service/GE  
5. Check as appropriate: ______ new ______ change from 96/196/296  
   ______ Change in description to reflect change in content  
   ______ Change in prerequisite  
   ______ Change in course format (e.g. lectures to lecture/lab)  
   ___ Minor editing change in description  
   ______ Change in number  
   ______ Change in title  
6. If offered as 96/196/296: ______ number of times ______ average enrollment  
7. Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer facilities, faculty, etc.)? ___ No ___ If yes, attach description of resources needed, including lab room number if appropriate, and verify that these resources are available.  
8. For all changes (except change in number, title, or minor editing change in description), attach and check off here:  
   ______ detailed syllabus ______ Justification ______ old description  
9. If there are related course changes, state numbers here and submit as a package:  
10. Date of department curriculum committee approval (if any):  
11. Date of department faculty approval (if any): 9/14/2007  

FOR NEW COURSES (Including changes from 96/196/296):  

Is the course related to or similar to any existing course? ______ If so, include explanation with justification.  

Describe the target group of students.  

NOTE:  

1. Syllabus should include title, author and date of text, name of instructor, main topics, amount or percentage of time devoted to each, description of special features such as term projects, and ABET or CAC content category.  
2. For required courses the justification must indicate how the new course fits into the overall curriculum and why changes are being made or the new course is being added.
California State University, Sacramento
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

COURSE APPROVAL CHECKLIST

Please answer all questions (enter NA if not applicable)

1. Course number and title: CE 280B

2. Old course number and title: Same

3. Name of person in charge: Dr. Ramzi Mahmood

4. Is the course X required _____ elective _____ service/GE

5. Check as appropriate: _____ new _____ change from 96/196/296
   ______ Change in description to reflect change in content
   ______ Change in prerequisite
   ______ Change in course format (e.g. lectures to lecture/lab)
   ______ Minor editing change in description
   ______ Change in number
   ______ Change in title

6. If offered as 96/196/296: ______ number of times ______ average enrollment

7. Does the proposed change or addition cause a significant increase in the use of College or University resources
   (lab room, computer facilities, faculty, etc.)? No If yes, attach description of resources needed, including
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**NEW COURSE DESCRIPTION:** (Not to exceed 80 words, and language should conform to catalog copy. See http://www.csus.edu/acaf/univmanual/crpspl.htm - Guidelines for Catalog Course Description)

Advanced analyses in shear strength of cohesionless and cohesive soils, including stress-strain characteristics of soils, total and effective stress analyses; slope stability analyses for natural slopes, fill slopes, earth dams, levees, and methods of slope stabilization; analysis and design of anchored bulkheads, cellular cofferdams, soil nail walls, tieback walls, mechanically stabilized earth walls, and segmental retaining walls. Prerequisite: CE 171A or equivalent. 3 units.

**Note:**

Prerequisite: CE 171A or equivalent  
Enforced at Registration: Yes X No

Corequisite:  
Enforced at Registration: Yes No

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