NEW COURSE –OR–
REVISION TO EXISTING COURSE PROPOSAL

Please use this form to: add a new course, or to revise the title or content of an existing course, including changes to co-requisite and pre-requisite unit values.

Before you proceed, please review the approval process in advance and leave time for each involved person or committee to review the proposal.

DATE: 01-15-07
DEPARTMENT/SCHOOL: School of Engineering and Computer Science
CONTACT PERSON: Louise Stark
PHONE: 6-3071
BLDG & ROOM NO: Anderson 204

New Courses: Please complete this entire section (items 1-18)
Revisions to Courses: Please complete items 1-4 and only those items 5-18 that are being revised.

1. Please complete a. or b., not both.
   a. New Courses:
      • Proposed Course Subject/Number/Title/Prerequisites/Units (e.g., HIST 035: History of...: prerequisites - none: 4 units):
        ENGR 181 Professional Practice Pre-req: permission of instructor Units: 1-18
        ENGR 182 Professional Practice Pre-req: permission of instructor Units: 1-18
        ENGR 183 Professional Practice Pre-req: permission of instructor Units: 1-18
        ENGR 184 Professional Practice Pre-req: permission of instructor Units: 1-18
        ENGR 185 Professional Practice Pre-req: permission of instructor Units: 1-18
   
   For approval of new course numbers: Send the request to this email: registrar@pacific.edu. The request needs to include the department, the course title, and a suggested discipline & number. Please attach the email approving the new course number to this proposal.

   b. Revision to Existing Course:
      • Current Course Subject/Number/Title/Prerequisites/Units (e.g., HIST 035: History of...: prerequisites - none: 4 units):

      • Proposed new Course Subject/Number/Title/Prerequisites/Units (if applicable):

2. Please attach syllabus with all required elements, including course learning objectives, (see Faculty Handbook 11.7 for Syllabus requirements).
3. Please provide the copy as it is to appear in the catalog. This includes the course description, specific prerequisites, co-requisites, and any restrictions on registration (e.g., majors only). Note: Unless indicated here, a passing grade for a prerequisite course is considered a "D."

**CATALOG COPY:**

ENGR 181-185. Professional Practice (1-18)

Cooperative employment in a professional engineering environment. Students may register for a variable number of credits depending upon the length of the work period. Requires satisfactory completion of the work assignment and a written report. Pass/Fail basis.

**DEGREE AUDIT INFORMATION**

4. Does this course satisfy undergraduate General Education requirements?  
   [X] No [ ] Yes  
   If yes, what area does it satisfy (e.g. IA)?

5. Was this course ever offered under a Special Topics number?  
   [X] No [ ] Yes  
   If yes, provide info below.

<table>
<thead>
<tr>
<th>Special Topics Subject/Course #</th>
<th>Last year taught</th>
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<tbody>
<tr>
<td>Course title</td>
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6. Does this course fulfill General Education or major requirements for your program?  
   [ ] No [X] Yes  
   If yes, then what area/requirement does it fulfill?  
   Cooperative Education is required for all students graduating with a BS in Engineering. Non-citizens of the U.S. are not required to participate in Co-op.

7. Does this course fulfill undergraduate minor requirements for your program?  
   [X] No [ ] Yes  
   If yes, then what area/requirement does it fulfill (e.g. upper division elective)?

**REGISTRATION INFORMATION**

8. Units: 1-18

9. Grading options available to students who enroll (check all that apply):  
   [ ] Letter (A-F)  
   [X] Pass/No Credit  
   [ ] Audit

10. Schedule Type (check all that apply):  
    - Lecture  
    - Lab  
    - Discussion  
    - Seminar  
    - Research/Independent Study  
    - Thesis/Doctoral Project  
    - Internship, Co-op, Fieldwork  
    - Applied Music  
    - Studio Instruction  
    - On-line  
    - Activity Course  
    - Practicum  
    - Correspondence  
    - Other
11. Expected Enrollment:
   ~100 students per year

12. Is a special fee to be charged?
   [ ] No  [x] Yes
   If yes, list the charge and fee code:
   [ ] per unit  [ ] or  [ ] flat fee

There was a special fee structure established with the Finance Center for the existing Co-op courses (BENG 181-185, CIVL 181-185, ECPE 181-185, EMGT 181-185, MECH 181-185), which are being discontinued. The same fee structure will be applied to this new ENGR 181-185

RELATIONSHIP TO OTHER COURSES

13. Is this course cross-listed with others?
   [x] No  [ ] Yes

   If yes, which courses?

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14. Course Similarities
   a. Is this course similar in content to course(s) in another school or department?
   [ ] No  [x] Yes
   If yes, which course(s)?  - Any Co-op course offered

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   b. If yes, how is this course distinctive?
   For engineering students only

15. Will other courses be deleted as a result of this proposal when this course is created?
   (Note: if course is still being taught in the future do not delete it here.)
   [ ] No  [x] Yes

   If yes, which course(s)?

<table>
<thead>
<tr>
<th>Subject/Course #</th>
<th>BENG 181-185</th>
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<th>CIVL 181-185</th>
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16. Is the deleted course cross-listed with other courses?
   [x] No  [ ] Yes

   If yes, which course(s)?

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17. What is the anticipated impact on resources (e.g., faculty, funds, facilities, library, technology, etc.) NONE

18. Will University computer labs be needed?
   [ ] No  [ ] Yes  If yes, what software will be needed?

Please remember to make the corresponding changes to your program's catalog copy when you receive page proofs for next year's catalog.

**NEW COURSE — OR — REVISION TO EXISTING COURSE PROPOSAL**

**APPROVAL SHEET**

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Please obtain signatures in the order they appear below, as applicable.

1. [ ] DEPARTMENT CHAIR:  
   DATE: __________________

2. [ ] CHAIRS OF OTHER INVOLVED DEPARTMENTS (if applicable):  
   (Signatures needed for new courses and deletions)  
   DATE: __________________

3. [x] CHAIR, SCHOOL/COLLEGE CURRICULUM COMMITTEE:  
   DATE: 1/22/07

4. [x] DEAN OF SCHOOL/COLLEGE:  
   DATE: 1/15/07

5. [ ] GENERAL EDUCATION COMMITTEE (if applicable):  
   (Signature needed for new courses and deletions)  
   DATE: __________________

6. [x] DEAN OF THE LIBRARY:  
   DATE: 1/25/07

7. [ ] DIRECTOR, EDUC. TECH. SERVICES (if computer lab, software needed):  
   DATE: __________________
8. □ GRADUATE STUDIES COMMITTEE (if applicable):

___________________________________________

DATE: __________

9. X REGISTRAR:

Anspach on behalf of Cecilia Rodney

DATE: 01/24/07

□ ACADEMIC AFFAIRS COMMITTEE:

___________________________________________

DATE: __________