CBM003 ADD/CHANGE FORM

1. Department: CHE ENG  College: ENGR

2. Person Submitting Form: Dr. Michael P. Harold  Telephone: 34307

3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     PETR / 5324 / Theory of Reservoir Modeling
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     PETR / 5324 / THEORY OF RESERVOIR MODELING
   - SCH: 3.00  Level: SR  CIP Code: 14.2501.00  Lect Hrs: 3  Lab Hrs: 0

4. Justification for adding/changing course: To more accurately reflect course content/level.

5. Was the proposed/revised course previously offered as a special topics course? □ Yes  □ No
   If Yes, please complete:
   - Instructional Area / Course Number / Long Course Title: ___ / ___ / ___
   - Content ID: _____  Start Date (yyyy3): ____

6. Authorized Degree Program(s): BS P ETR E NGR
   - Does this course affect major/minor requirements in the College/Department? □ Yes  □ No
   - Does this course affect major/minor requirements in other Colleges/Departments? □ Yes  □ No
   - Are special fees attached to this course? □ Yes  □ No
   - Can the course be repeated for credit? □ Yes  □ No

7. Grade Option: Letter (A, B, C...)  Instruction Type: lecture ONLY  (Note: Lect/Lab info. must match item 3, above.)

8. If this form involves a change to an existing course, please obtain the following information from the course inventory: Instructional Area / Course Number / Long Course Title
   PETR / 6324 / Theory of Reservoir Modeling
   - Start Date (yyyy3): _____  Content I.D.: _____

9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
   Cr: 3. (3.0). Prerequisites: MATH 3321, MECE 2334 and PETR 3313. Description (30 words max.): Reservoir simulation methods, stream tube simulation, finite-difference, finite elements, and collocation methods, formulation of equations and resulting matrices, alternative solution methods.

10. Dean's Signature: ___________________________ Date: 3/6/08
    Print/Type Name: Joseph Tedesco, Dean
Cullen College of Engineering
CBM003 Supplement - A F0...
(Course Modification)

Must be attached to CBM003 form

<table>
<thead>
<tr>
<th>Course: PETR</th>
<th>5324</th>
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<tr>
<td>Subject Prefix</td>
<td>Course Number</td>
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(View ECE 1331 sample attached for assistance in filling out questions 1-6)

1. Change in Title: No
   Print course inventory screen using RARCAS/CATM and attach.

2. Change in Pre-requisite/Co-requisite: MATH 3321, MECE 2334 and PETR 3313. Rational for Change in Course (Content, Format, Prerequisites): Make the course available for seniors, as well as graduate students.

3. Effect on Course Outcomes: n/a

4. ABET Constituents consulted: n/a

5. Course Performance after implementing format and content changes: none

6. Is course required? □ Yes □ No

7. Required course outline attached? □ Yes □ No

8. Estimated student demand ___50____ per semester

9. Similar courses in other departments: □ Yes □ No
   a. If yes, list course(s)_____

10. Is course part of a sequence? □ Yes □ No
    a. If Yes, identify the sequence and comment on the relation to prior and subsequent courses:

11. Textbook(s) and other required materials: Instructor notes.
    Note: Special Fees: If special fees requested, Course Related Fee Request Form will be required.

Chair of Initiating Dept. Signature | Date | [Approved]

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1 Department reports will be requested about the effects of your course modification both 12 and 24 months after the effective date of the proposed modification.