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 / 5350 / Natural Gas Engineering
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     PETR / 5350 / NATURAL GAS ENGINEERING
   - SCH: 3.00  Level: SR  CIP Code: 14.2501.00  Lect Hrs: 3  Lab Hrs: 0
   - New Discipline Area?

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): ☑ PETR ENGR
   - 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 / 6350 / Natural Gas Engineering
   - Start Date (yyyy3): ___  Content I.D.: ___

9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
   Cr: 3. (3#0).  Prerequisites: PETR 3362, PETR 3313.  Description (30 words max.): Comprehensive study of natural gas engineering. Supply of natural gas including exploration, production, unconventional resources, transportation, processing, conversion and fuel cells.

10. Dean's Signature: ________________________________  Date: 3/6/08
    Print/Type Name: Joseph Tedesco, Dean

- Created on 10/17/2007 2:11:00 PM -
Cullen College of Engineering
CBM003 Supplement - A For... (Course Modification)

Must be attached to CBM003 form

<table>
<thead>
<tr>
<th>Course:PETR 5350</th>
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<tr>
<td>Subject Prefix</td>
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<tr>
<td>PETR</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: PETR 3362, PETR 3313.

3. Rational for Change in Course (Content, Format, Prerequisites): Make the course available for seniors, as well as graduate students.

4. Effect on Course Outcomes: n/a

5. ABET Constituents consulted: n/a

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

7. Is course required? [□] Yes [X] No

8. Required course outline attached? [□] Yes [X] No

9. Estimated student demand [__50_____] per semester

10. Similar courses in other departments: [□] Yes [X] No

   a. If yes, list course(s) ______

11. Is course part of a sequence? [□] Yes [X] No

   a. If yes, identify the sequence and comment on the relation to prior and subsequent courses:

12. 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 [2/21/08] [□] 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.