

CBM003 ADD/CHANGE FORM


Undergraduate Council  
 New Course  Course Change **2009**  
 Core Category: none Effective Fall 2008

or

Graduate/Professional Studies Council  
 New Course  Course Change  
 Effective Fall \_\_\_\_

RECEIVED MAR 06 2008

APPROVED OCT 22 2008

- Department: CHE ENG College: ENGR
- Person Submitting Form: Dr. Michael P. Harold Telephone: 34307
- 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
- Justification for adding/changing course: To more accurately reflect course content/level  
*New discipline area.*
- 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): \_\_\_\_\_
- Authorized Degree Program(s): BS 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
- Grade Option: Letter (A, B, C ...) Instruction Type: lecture ONLY (Note: Lect/Lab info. must match item 3, above.)
- 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.: \_\_\_\_\_
- 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.
- Dean's Signature:  Date: 3/6/08  
 Print/Type Name: Joseph Tedesco, Dean

**UC 9790 08F**

**Cullen College of Engineering**  
**CBM003 Supplement - A Form** **Page 2 of 2**  
**(Course Modification)**


*Must be attached to CBM003 form*

<b>Course:</b> <u>PETR</u>	<u>5324</u>
<i>Subject Prefix</i>	<i>Course Number</i>

*(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<sup>1</sup>
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.

	<u>2/21/08</u>	<input checked="" type="checkbox"/> <b>Approved</b>
<i>Chair of Initiating Dept. Signature</i>	<i>Date</i>	

<sup>1</sup> 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.