

## CBM003 ADD/CHANGE FORM

<input checked="" type="checkbox"/> Undergraduate Council	
<input checked="" type="checkbox"/> New Course	<input type="checkbox"/> Course Change
Core Category: _____ Effective Fall <u>2007</u>	

or

<input type="checkbox"/> Graduate/Professional Studies Council	
<input type="checkbox"/> New Course	<input type="checkbox"/> Course Change
Effective Fall _____	

RECEIVED OCT 05 2006  
APPROVED DEC 06 2006

1. Department: Chemical Engineering College: ENGR
2. Person Submitting Form: Demetre Economou Telephone: 743-4320
3. Course Information on New/Revised course:
  - Instructional Area / Course Number / Long Course Title:  
PETR / 5328 / Petroleum Properties And Phase Equilibria
  - Instructional Area / Course Number / Short Course Title (30 characters max.)  
PETR / 5328 / PET FLU PROP & PHAS EQU
  - SCH: 3.00 Level: SR CIP Code: 1425010006 Lect Hrs: 3 Lab Hrs: 0
4. Justification for adding/changing course: To identify major or minor program
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. Is this course offered for undergraduate credit only?  Yes  No
7. Authorized Degree Program(s): B.S. Chemical Engineering and Minor Petroleum Engineering
  - 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
8. Grade Option: Letter (A, B, C ...) Instruction Type: lecture
9. 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  
\_\_\_\_ / \_\_\_\_ / \_\_\_\_
  - Start Date (yyyy3): \_\_\_\_\_ Content I.D.: \_\_\_\_\_
10. Proposed Catalog Description:  
Cr: 3-0. Prerequisites: CHEE 3333 and CHEE 3363 or equivalent, senior, postbaccalaureate, or graduate standing in engineering or consent of instructor. Description (30 words max.): Volumetric behavior and equation of state representation of petroleum fluids; thermodynamic functions and conditions of phase equilibrium; phase behavior calculations for binary and multicomponent systems; experimental techniques for phase equilibrium measurements; equation of state tuning; advanced topics.
11. Dean's Signature: \_\_\_\_\_ Date: 11/2/06

Print/Type Name: Dr. Fritz Claydon