CBM003 ADD/CHANGE FORM

Undergraduate Council  
New Course  
Course Change  
Core Category:   

Graduate/Professional Studies Council  
New Course  
Course Change  
Effective Fall __

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: 11/5/06

Print/Type Name: Dr. Fritz Claydon