CBM003 ADD/CHANGE FORM

Undergraduate Council

New Course  Course Change

Core Category:  NONE  Effective Fall 2010

or

Graduate/Professional Studies Council

New Course  Course Change

Effective Fall

1. Department: Chemical and Biomolecular  College: ENGR
2. Faculty Contact Person: Raymond Flumerfelt  Telephone: 3-2658  Email: rfw@uh.edu
3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title: PETR / 5328 / Petro Fluid Props & Phase Equilib
   - Instructional Area / Course Number / Short Course Title (30 characters max.): PETR / 5328 / PETRO FLUID PROP & PHASE EQUILB
   - SCH: 3.00  Level: SR  CIP Code: 1425010006  Lect Hrs: 3  Lab Hrs: 0
4. Justification for adding/changing course: To provide appropriate foundation for course
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:
     ___ / ___ / ___
   - Course ID: ___  Effective Date (currently active row): ___
6. Authorized Degree Program(s): BS 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
   - Can the course be repeated for credit?  Yes  No  (if yes, include in course description)
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 / 5328 / Petroleum Fluid Properties & Phase Equilibrium
   - Course ID: 37407  Effective Date (currently active row): 20072
9. Proposed Catalog Description: (If there are no prerequisites, type in "none").
   Cr. 3.  (3-0).  Prerequisites: CHEE 3333 or equivalent and senior or graduate standing in Engineering
   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 and advanced topics.
10. Dean’s Signature:  Date: 16/03/2009
    Print/Type Name: David P. Shattuck