

UC10708 09F

CBM003 ADD/CHANGE FORM

APPROVED MAR 24 2010

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 RECEIVED OCT 16 2009
 2. Faculty Contact Person: Raymond Flumerfelt Telephone: 3-2658 Email: rwf@uh.edu

3. Course Information on New/Revised course:
 • Instructional Area / Course Number / Long Course Title:
PETR / 5328 / Petro Fluid Prop & Phase Equ → Petro Fluid Properties & Phase Equilibria
 • Instructional Area / Course Number / Short Course Title (30 characters max.)
PETR / 5328 / PETRO FLUID PROP & PHASE EQU LB
 • 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: [Signature] Date: 10/21/2009
 Print/Type Name: David P. Shattuck