

UC 10968 10 F

CBM003 ADD/CHANGE FORM

APPROVED DEC 08 2010

Undergraduate Council
 New Course Course Change
 Core Category: NONE Effective Fall 2011

or

Graduate/Professional Studies Council
 New Course Course Change
 Effective Fall 2011

1. Department: CHEE College: ENGR
2. Faculty Contact Person: HOLLEY Telephone: 3-4328 Email: TKHOLLEY@UH.EDU
3. Course Information on New/Revised course:
 - Instructional Area / Course Number / Long Course Title:
PETR / 5300 / Petroleum Data Mining & Database Management
 - Instructional Area / Course Number / Short Course Title (30 characters max.)
PETR / 5300 / PETR DATA MIN & DATABASE MGMNT
 - SCH: 3.00 Level: SR CIP Code: 14.2501.00.06 Lect Hrs: 3 Lab Hrs: 0
4. Justification for adding/changing course: To reflect change in prerequisite course
5. Was the proposed/revised course previously offered as a special topics course? Yes No
 If Yes, please complete:

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- Instructional Area / Course Number / Long Course Title:
____ / ____ / _____
- Course ID: _____ Effective Date (currently active row): _____

6. Authorized Degree Program(s): BSPetE
 - 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 / 5300 / Petroleum Data Mining & Database Management
 - Course ID: 46414 Effective Date (currently active row): 8-24-2009

9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
 Cr: 3. (3-0). Prerequisites: MATH 3321 and PETR 2311. Description (30 words max.): Petroleum data mining goals, data quality, data preprocessing, OLAP, exploratory data analysis, classification, regression, clustering, dimensionality reduction, association rules, post processing, data mining case studies.

10. Dean's Signature [Signature] Date: 13 Oct 2010

Print/Type Name: Dr. David P. Shattuck