CBM003 ADD/CHANGE FORM

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

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

6. Authorized Degree Program(s): BSpE
   - 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 ____________________________  Date: 13 Oct 2010
    Print/Type Name: Dr. David P. Shattuck

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