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: Civil & Environmental Engineering  College: ENGR

2. Faculty Contact Person: Ramesh Shrestha  Telephone: 832-842-8881  Email: rlishrestha@uh.edu

3. Course Information on New/Revised course:
   • Instructional Area / Course Number / Long Course Title:
     CIVE / 5380 / Introduction to Geomatics and Geosensing
   • Instructional Area / Course Number / Short Course Title (30 characters max.)
     CIVE / 5380 / INTRO TO GEOMATICS/GEOSENSING
   • SCH: 3.00  Level: SR  CIP Code: 14.3801.00.06  Lect Hrs: 2  Lab Hrs: 3

4. Justification for adding/changing course: To meet instructional needs of students

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): BSCE
   • 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 laboratory  (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
   ☐ / ☐ / ☐
   • Course ID: ☐  Effective Date (currently active row): ☐

9. Proposed Catalog Description: (If there are no prerequisites, type in "none").
   Cr: 3. (2-3). Prerequisites: MATH 2433 and senior level standing.  Description (30 words max.):  
   Introduction to horizontal and vertical curve computations; Fundamentals of geodesy, geodetic reference systems and map projection; Introduction to Global Positioning System (GPS); Principles of LiDAR technology; Digital imaging and mapping.

10. Dean’s Signature: ☐  David P. Shattuck  Date: 13 Oct 2010

Print/Type Name: David P. Shattuck

- Created on 10/12/2010 11:08:00 AM -