CBM003 ADD/CHANGE FORM

APPROVED FEB 2 2 2012

| ☒ **Undergraduate Council**
☐ **New Course** ☒ **Course Change**
Core Category: _____ **Effective Fall 2011** | **or** | **Graduate/Professional Studies Council**
☐ **New Course** ☐ **Course Change**
Effective Fall 2011 |

1. Department: <u>Civil & Environmental Engineering</u>   College: <u>ENGR</u>

2. Faculty Contact Person: <u>Ashraf Ayoub</u>   Telephone: <u>713-743-4285</u>   Email: <u>asayoub@uh.edu</u>

3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     <u>CIVE</u> / <u>5380</u> / <u>Introduction to Geomatics and Geosensing</u>   RECEIVED OCT 14 2011
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     <u>CIVE</u> / <u>5380</u> / <u>INTRO TO GEOMATICS/GEOSENSING</u>
   - SCH: <u>3.00</u>   Level: <u>SR</u>   CIP Code: <u>14.0804.00.06</u>   Lect Hrs: <u>2</u>   Lab Hrs: <u>3</u>

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): _____
   - 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: <u>Letter (A, B, C …)</u>   Instruction Type: <u>lecture laboratory</u>   (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
   <u>CIVE</u> / <u>5380</u> / <u>Introduction to Geomatics and Geosensing</u>
   - Course ID: <u>47391</u>   Effective Date (currently active row): <u>08/2011</u>

9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
   Cr: 3. (2-3). Prerequisites: CIVE 3337, 3339, *or CIVE 3331 and 3434, 3332* or consent of instructor.   Description (30 words max.):
   Introduction to plane surveying and differential leveling; horizontal and vertical curves computation; fundamentals of geodesy and map projection; Global Positioning System (GPS); principles of LiDAR and remote sensing.

10. Dean's Signature: _____   Date: <u>12Oct2011</u>
    Print/Type Name: <u>David P. Shattuck</u>

- Created on 10/11/2011 11:28:00 AM -