

CBM003 ADD/CHANGE FORM

APPROVED FEB 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: BIOE College: ENGR  
 2. Faculty Contact Person: Adam Capitano Telephone: 713-743-9718 Email: acapitano@uh.edu

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3. Course Information on New/Revised course:  
 • Instructional Area / Course Number / Long Course Title:  
BIOE / 2150 / Biosensors I  
 • Instructional Area / Course Number / Short Course Title (30 characters max.)  
BIOE / 2150 / BIOSENSORS I  
 • SCH: 1.00 Level: SO CIP Code: 140501006 Lect Hrs: 0 Lab Hrs: 2

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): B.S. Biomedical 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: laboratory 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  
BIOE / 2150 / Biosensors

• Course ID: 13258 Effective Date (currently active row): 20043

9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)

Cr: 1. (0-2). Prerequisites: BIOE 1100 or ENGI 1100; and CHEM 1332, 1112, ECE 1331, and MATH 1432. Description (30 words max.): ~~Introduction to common biosensors; sensor dissection techniques;~~  
analysis of overall sensor design and operation; man/machine measurement interfaces; data measurement issues; repeatability and noise.

10. Dean's Signature: David P. Shattuck Date:                     

Print/Type Name: David P. Shattuck