UC 11877 12F

CBM003 ADD/CHANGE FORM

☒ Undergraduate Council ☒ New Course ☐ Course Change Core Category: _____ Effective Fall 2013	or	Graduate/Professional Studies Council ☐ New Course ☐ Course Change Effective Fall 2013

APPROVED FEB 20 2013

RECEIVED OCT 12 2012

1. Department: BIOMEDICAL College: ENGR
2. Faculty Contact Person: Ting Chen Telephone: 28887 Email: tchen23@uh.edu
3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     BIOE / 1331 / Computing for Biomedical Engineering
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     BIOE / 1331 / COMPUTING BIOMED ENGINEERING
   - SCH: 3.00 Level: FR CIP Code: 14.0501.00 06 Lect Hrs: 3 Lab Hrs: 0
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:
     BIOE / 1397 / Computing for Biomedical Engineering
   - Course ID: 013256 Effective Date (currently active row): 8272012
6. Authorized Degree Program(s): BSBE
   - 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
   ____ / ____ / _____
   - Course ID: _____ Effective Date (currently active row): _____
9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
   Cr: 3. (3-0). Prerequisites: MATH 1431 and credit for or concurrent enrollment in BIOE 1100.
   Description (30 words max.): Introduction to computing, data types and operations; Matlab-based programming constructs, algorithms, and biomedical applications; computing tools for biomedical engineering problem-solving.
10. Dean's Signature: _____ Date: 09 Oct 2012

    Print/Type Name: David P. Shattuck