CBM003 ADD/CHANGE FORM

☒ Undergraduate Council
☒ New Course ☐ Course Change
Core Category: _____ Effective Fall 2013

Graduate/Professional Studies Council
☐ New Course ☐ Course Change
Effective Fall 2013

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

- Created on 9/24/2012 9:42:00 AM -