CBM003 ADD/CHANGE FORM

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 (*see CBM003 instructions) / Long Course Title:
     BIOE / 5316 / Transport Phenomena in Biosystems
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     BIOE / 5316 / TRANSPORT PHENOMENA BIOSYSTEMS
   - SCH: 3.00  Level: SR  CIP Code: 14.0501.00 06  Lect Hrs: 3  Lab Hrs: 0
   - Term(s) Course is Offered (*see CBM003 instructions about selection): Fall
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 / 5397 / Transport Phenomena in Biosystems
   - Course ID: 13290  Effective Date (currently active row): 8262013
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. *See CBM003 instructions.)
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: BIOE 3341 or 3440 or consent of instructor.  Description (30 words max.):
   Fundamental engineering concepts of momentum and mass transport in biosystems and biodevices.
   Conservation laws, biorheology, dimensional analysis, diffusion, and analytical methods.
10. Dean’s Signature: ___________________________  Date: 10 Oct 2013
    Print/Type Name: David P. Shattuck

- Created on 10/2/2013 11:20:00 AM -