

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 RECEIVED OCT 16 2009 MB
2. Faculty Contact Person: Adam Capitano Telephone: 713-743-9718 Email: acapitano@uh.edu
3. Course Information on New/Revised course:
- Instructional Area / Course Number / Long Course Title:
BIOE / 3440 / Biothermodynamics and Biofluids
 - Instructional Area / Course Number / Short Course Title (30 characters max.)
BIOE / 3440 / BIOTHERMODYNAMICS & BIOFLUIDS
 - SCH: 4 Level: JR CIP Code: 140501006 Lect Hrs: 4 Lab Hrs: 0
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: 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
BIOE / 3440 / Biothermodynamics and Biofluids
- Course ID: 25452 Effective Date (currently active row): 20073
9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
 Cr: 4. (4-0). Prerequisites: BIOE 2350, 3340, CHEE 2331, ECE 2300, and 2100. Description (30 words max.): Fundamental concepts in biological thermodynamic systems; heat and work; properties of pure substances; first, second, and third thermodynamic laws. Hydrostatics; ideal, laminar, and turbulent flows.
10. Dean's Signature: [Signature] Date: [Date]
 Print/Type Name: David P. Shattuck