CBM003 ADD/CHANGE FORM

☐ Undergraduate Council  ☑ New Course  ☐ Course Change
Core Category: NONE  Effective Fall 2007

☐ Graduate/Professional Studies Council  ☑ New Course  ☐ Course Change
Effective Fall __________

1. Department: MECHANICAL ENG.  College: ENGR

2. Person Submitting Form: Adam Capitano  Telephone: 713-743-4562

3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     BIOE / 3440 / Biothermodynamics and Fluids
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     BIOE / 3440 / BIOThERO AND FLUIDS
   - SCH: 4.00  Level: JR  CIP Code: 140501006  Lect Hrs: 4  Lab Hrs: 0

4. Justification for adding/changing course: Successfully taught as a selected topics 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:
     BIOE / 3497 / Thermo and Fluids
   - Content ID: 297248  Start Date (yyyy3): 20053

6. Is this course offered for undergraduate credit only? ☑ Yes  ☐ No

7. Authorized Degree Program(s): B.S. in 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
   - Are special fees attached to this course? ☐ Yes  ☑ No
   - Can the course be repeated for credit? ☑ Yes  ☐ No

8. Grade Option: Letter (A, B, C,...)  Instruction Type: lecture

9. 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
   ______/______/______
   • Start Date (yyyy3): ______  Content I.D.: ______

10. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
    Cr.:1  (?)(A)  Prerequisites: BIOE 3340, INDE 2333, and ENGI 2304  Description (30 words max.):
    Fundamental concepts in thermodynamic systems, heat and work, properties of pure substances, first, second and third thermodynamic laws. Hydrostatics; ideal, laminar, and turbulent flows.

11. Dean’s Signature: ___________________________  Date: 10/5/06
    Print/Type Name: Dr. Fritz Claydon