CBM003 ADD/CHANGE FORM

☒ Undergraduate Council
☒ New Course ☐ Course Change
Core Category: Ave Effect Fall 2008

☐ Graduate/Professional Studies Council
☐ New Course ☐ Course Change
Effective Fall 2007

1. Department: MECHANICAL ENG. College: ENGR

2. Person Submitting Form: Ralph Metcalfe Telephone: 713-743-4521

3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     BIOE / 5369 / Computational Fluid Dynamics II
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     BIOE / 5369 / COMP FLUID DYNAMICS II
   - SCH: 3 Level: SR CIP Code: 1405010006 Lect Hrs: 3 Lab Hrs: 0

4. Justification for adding/changing course: To provide for new discipline areas

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:
       ____ / ____ / ____
     - Content ID: _____ Start Date (yyyy3): ____

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")
Crt:3. (3) Prerequisites: BIOE 4312 or equivalent, MATH 3363 or equivalent, or instructor permission.
Credit may not be received for more than one BIOE 5369 and MECE 5369. Description (30 words max.):
Mathematics, numerical analysis, and theoretical foundations for Computational Fluid Dynamics.

11. Dean's Signature: ___________________________ Date: 10/24/06

Print/Type Name: Dr. Fritz Cladon