

## CBM003 ADD/CHANGE FORM

Undergraduate Council  
 New Course  Course Change  
 Core Category: NONE Effective Fall 2008

or

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

RECEIVED OCT 24 2006  
 APPROVED OCT 17 2007

- Department: MECHANICAL ENG. College: ENGR
- Person Submitting Form: Ralph Metcalfe Telephone: 713-743-4521
- 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 DYNMICS II
  - SCH: 3 Level: SR CIP Code: 1405010006 Lect Hrs: 3 Lab Hrs: 0
- Justification for adding/changing course: To provide for new discipline areas
- 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): \_\_\_\_\_
- Is this course offered for undergraduate credit only?  Yes  No
- 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
- Grade Option: Letter (A, B, C ...) Instruction Type: lecture
- 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.: \_\_\_\_\_
- Proposed Catalog Description: (If there are no prerequisites, type in "none".)  
Cr.3, (3) (3-0) Prerequisites: BIOE 4312 or equivalent, MATH 3363 or equivalent, or instructor permission.  
Consent of  
DOM 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.
- Dean's Signature: \_\_\_\_\_ Date: 10/24/06  
 Print/Type Name: Dr. Fritz Claydon