

## 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:  
MECE / 5369 / Computational Fluid Dynamics II
  - Instructional Area / Course Number / Short Course Title (30 characters max.)  
MECE / 5369 / COMP FLUID DYNMICS II
  - SCH: 3 Level: SR CIP Code: 1419010006 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 Mechanical 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".) *consent &*  
Cr: 3. (3) Prerequisites: MECE 5312 or equivalent, MATH 3363 or equivalent or instructor permission.  
108m Credit may not be received for more than one MECE 5369 or BIOE 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