

CBM003 ADD/CHANGE FORM

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

or

Graduate/Professional Studies Council  
 New Course  Course Change  
 Effective Fall     

1. Department: MECHANICAL ENG. College: ENGR

RECEIVED OCT 05 2006

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

APPROVED DEC 06 2006

3. Course Information on New/Revised course:

- Instructional Area / Course Number / Long Course Title:  
BIOE / 4312 / Computational Fluid Dynamics I
- Instructional Area / Course Number / Short Course Title (30 characters max.)  
BIOE / 4312 / COMPUTATIONAL FLUID DYNAMICS I
- SCH: 3.00 Level: SR CIP Code: 140501006 Lect Hrs: 3 Lab Hrs: 0

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

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".)

Cr. 3 (3). Prerequisites: MECE 3363 <sup>and</sup> BIOE 3440 or equivalent. Credit may not be received for more than one BIOE 4312 and MECE 5312. Description (30 words max.): Computational fluid dynamics simulations using FLUENT software.

*of biological systems*

11. Dean's Signature: 

Date: 10/5/06

Print/Type Name: Dr. Fritz Claydon