

UC 9020 06F

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

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

3. Course Information on New/Revised course:

- Instructional Area / Course Number / Long Course Title:

MECE / 5312 / Computational Fluid Dynamics I

- Instructional Area / Course Number / Short Course Title (30 characters max.)

MECE / 5312 / COMPUTATIONAL FLUID DYNAMICS I

- SCH: 3 Level: SR CIP Code: 1419010006 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 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

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

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- Start Date (yyyy3): Content I.D.:

10. Proposed 0 Catalog Description: (If there are no prerequisites, type in "none".)

Cr-³ (3). Prerequisites: MECE 3363 ^{one} 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