CBM003 ADD/CHANGE FORM

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

or

Graduate/Professional Studies Council
[X] New Course [X] 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:
     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 [X] 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? [X] Yes [ ] No
7. Authorized Degree Program(s): B.S. in Biomedical Engineering
   • Does this course affect major/minor requirements in the College/Department? [X] Yes [ ] No
   • Does this course affect major/minor requirements in other Colleges/Departments? [ ] Yes [X] No
   • Are special fees attached to this course? [ ] Yes [X] No
   • Can the course be repeated for credit? [ ] Yes [X] 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, 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
    of biological systems using FLUENT software.
11. Dean's Signature: ___________________________ Date: 10/3/06
    Print/Type Name: Dr. Fritz Claydon