UC 9242 07S

CBM003 ADD/CHANGE FORM

☒ Undergraduate Council	or	☐ Graduate/Professional Studies Council
☒ New Course ☐ Course Change		☐ New Course ☐ Course Change
Core Category: NONE Effective Fall 2007		Effective Fall __

RECEIVED FEB 0 1 2007
APPROVED FEB 2 1 2007

1. Department: MECHANICAL ENG, College: ENGR
2. Person Submitting Form: Yi-Chao Chen Telephone: 713-743-4533
3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     MECE / 5324 / ~~Advanced Engineering~~ Biomechanics
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     MECE / 5324 / ADVANCED ~~ENGR~~ BIOMECHANICS
   - SCH: 3.00 Level: SR CIP Code: 1405010006 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
   ____ / ____ / _____
   - Start Date (yyyy3): _____ Content I.D.: _____
10. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
    Cr: 3 (3-0). Prerequisites: MATH 3321 and BIOE 3340 or MECE 3363, or permission of instructor. Credit may not be received for more than one BIOE 4324 and MECE 5324. Description (30 words max.): Application of nonlinear elasticity and viscoelasticity to ~~a range of~~ biological tissues including bone, skeletal muscle, blood vessels and the heart.
11. Dean's Signature: [redacted] Date: 1/31/07
    Print/Type Name: Dr. Fritz Claydon