CBM003 ADD/CHANGE FORM

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

☐ Graduate/Professional Studies Council  
☐ New Course  ☐ Course Change  
Effective Fall __

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:
     BIOE / 4324 / Advanced Biomechanics
     BIOE / 4324 / ADVANCED 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 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: MATH 3321 and BIOE 3340 or MECE 3363, or permission of the 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 biological tissues including bone, skeletal muscle, blood vessels, and the heart.

11. Dean's Signature: _____________________________ Date: 10/5/06
    Print/Type Name: Dr. Fritz Clayden