

## 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     

RECEIVED FEB 01 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:  
BIOE / 4324 / Advanced Engineering Biomechanics
  - Instructional Area / Course Number / Short Course Title (30 characters max.)  
BIOE / 4324 / ADVANCED ENGR BIOMECHANICS
  - SCH: 3.00 Level: SR CIP Code: 1405010006 Lect Hrs: 3 Lab Hrs: 0

APPROVED FEB 21 2007

*Continuum*

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. <sup>(3)</sup> 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: 1/31/07

Print/Type Name: Dr. Fritz Claydon