

## CBM003 ADD/CHANGE FORM

Undergraduate Council  
 New Course  Course Change  
Core Category: \_\_\_\_\_ Effective Fall 2007

or

Graduate/Professional Studies Council  
 New Course  Course Change  
Effective Fall \_\_

1. Department: Biomedical Engineering College: ENGR  
2. Person Submitting Form: V. Balakotaiah Telephone: 743-4562

RECEIVED OCT 05 2006

APPROVED DEC 06 2006

3. Course Information on New/Revised course:

- 4389 • Instructional Area / Course Number / Long Course Title:  
BIOE / 4394 / Transport Phenomena in Physiological Systems
- 4389 • Instructional Area / Course Number / Short Course Title (30 characters max.)  
BIOE / 4394 / TRAN PHEN IN PHYSIOLOGICAL SYS
- SCH: 3.00 Level: SR CIP Code: 1407010006 Lect Hrs: 3 Lab Hrs: 0

4. Justification for adding/changing course: Successfully taught as a selected topics course

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:  
BIOE / 5397 / Physiological Transport Phenom
- Content ID: 298976 Start Date (yyyy3): 20071

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: <sup>3</sup> (3-0). Prerequisites: BIOE 3440, <sup>and</sup> CHEE 3363, or equivalent.<sup>s</sup> Description (30 words max.):

Fundamental aspects of systems physiology and other life science principles with quantitative analysis of transport phenomena and chemical reactions in cells, organs and the whole body.

11. Dean's Signature: \_\_\_\_\_

Date: 10/5/06

Print/Type Name: Dr. Fritz Claydon