

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

1. Department: ECE College: ENGR

2. Person Submitting Form: David P. Shattuck Telephone: x34422

RECEIVED OCT 05 2006

3. Course Information on New/Revised course:

- Instructional Area / Course Number / Long Course Title:

BIOE / 4458 / Bioinstrumentation

- Instructional Area / Course Number / Short Course Title (30 characters max.)

BIOE / 4458 / BIOINSTRUMENTATION

- SCH: 4.00 Level: SR CIP Code: 1405010006 Lect Hrs: 3 Lab Hrs: 3

APPROVED DEC 06 2006

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/laboratory

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

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- Start Date (yyyy3): Content I.D.:

10. Proposed Catalog Description: (If there are no prerequisites, type in "none".)

Cr: 4 (3-3). Prerequisites: ECE 3337 and 3455. Credit may not be received for more than one of BIOE 4458 and ECE 4458. Description (30 words max.): BJT review; FETs; differential amplifiers; Op amp non-ideal characteristics; electrical safety; ECG, EMG, and EEG. Signal conditioning, bioelectrodes, electrical conduction in nerve cells, noise reduction, transducers, and imaging.

11. Dean's Signature: _____

Date: 10/5/06

Print/Type Name: Dr. Fritz Claydon