UC 9037 06F

CBM003 ADD/CHANGE FORM

New Course Course Change Core Category: NONE Effective Fall 2007	☑ Undergraduate Council	or	Graduate/Professional Studies Council	
1. Department: ECE College: ENGR 2. Person Submitting Form: David P. Shattuck Telephone: x34422 RECEIVED OCT 0 5 2006 3. Course Information on New/Revised course: • Instructional Area / Course Number / Long Course Title: PCE / 4458 / Bioinstrumentation • Instructional Area / Course Number / Short Course Title (30 characters max.) ECE / 4458 / BiOINSTRUMENTATION • SCH: 4.00 Level: SR CIP Code: 1410010006 Lect Hrs: 3 Lab Hrs: 3 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): BSEE BSCpE • Does this course affect major/minor requirements in other Colleges/Department? ☐ Yes ☐ No • Are special fees attached to this course? ☐ Yes ☐ No • Are special fees attached to this course? ☐ Yes ☐ No • Can the course be repeated for credit? ☐ Yes ☐ No • Can the course be repeated for credit? ☐ Yes ☐ No • 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 — / _ / _ / • Start Date (yyyy3): Content I.D.: 10. Proposed Catalog Description: (If there are no prerequisites, type in "none".) Cr. 7 (3-3). Prerequisites: ECE 3337 and 3455. Credit may not be received for more than one of ECE 4458 and BiOE 4458. Description (30 words max.): BIT 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.	⊠ New Course ☐ Course Change		☐ New Course ☐ Course Change	
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Print/Type Name: <u>Dr. Fritz Claydon</u>			Date: 10/5/05	