

CBM003 ADD/CHANGE FORM

UC 8649 05F

Undergraduate Council  
 New Course  Course Change  
 Core Category: \_\_\_\_\_ Effective Fall 2006

or

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

1. Department: Et College: TECH

RECEIVED OCT 14 2005

2. Person Submitting Form: Xiaojing Yuan Telephone: 31129

*(Handwritten mark)*

3. Course Information on New/Revised course:

APPROVED NOV 16 2005

• Instructional Area / Course Number / Long Course Title:  
ELET / 3403 / Sensor Applications

• Instructional Area / Course Number / Short Course Title (30 characters max.)  
ELET / 3403 / SENSOR APPLICATIONS

• SCH: 4.00 Level: JR CIP Code: 1503030019 Lect Hrs: 3 Lab Hrs: 3

4. Justification for adding/changing course: To enable better course content delivery

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., Computer Engineering Tech.

• 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 / lab

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

ELET / 3303 / Operational Amplifier Applications

• Start Date (yyyy3): 20043 Content I.D.: 295217

10. Proposed Catalog Description:

Cr: (3-3). Prerequisites: ELET 2305 and MATH 1431. Description (30 words max.): Fundamentals of sensor technology and its applications. <sup>Operational amplifier</sup> ~~Cover Op Amp~~ and signal conditioning circuits, modern sensors, ADC/DAC, AC/DC and step motor control circuits and interfaces between these components.

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

Date: 10/14/05

Print/Type Name: Fred

