CBM003 ADD/CHANGE FORM

| ☒ Undergraduate Council | ☐ New Course ☒ Course Change |
| ☐ Graduate/Professional Studies Council | ☐ New Course ☐ Course Change |

Core Category: ______ Effectively Fall 2010

1. Department: ET College: TECH

2. Faculty Contact Person: Mequanint Moges Telephone: 34034 Email: mmoges@uh.edu

3. Course Information on New/Revised course:
   - 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: 15.0303.00 19 Lect Hrs: 3 Lab Hrs: 3

4. Justification for adding/changing course: **To reflect change in prerequisite 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:
     ____ / ____ / ____
   - Course ID: ______ Effective Date (currently active row): ______

6. Authorized Degree Program(s): BS, Computer Engineering Technology
   - 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
   - Can the course be repeated for credit? ☒ Yes ☐ No (if yes, include in course description)

7. Grade Option: Letter (A, B, C,...) Instruction Type: lecture laboratory (Note: Lect/Lab info. must match item 3, above.)

8. 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 / 3403 / Sensor Applications
   - Course ID: 20706 Effective Date (currently active row): 8212006

9. Proposed Catalog Description: (If there are no prerequisites, type in "none").
   Cr: 4. (3-3). Prerequisites: ELET 2305 and credit for or concurrent in ELET 3301. Description (30 words max.): Sensor technology and its applications, including OpAmp and signal conditioning circuits, modern sensors, ADC/DAC, AC/DC and step motor control circuits, and interfaces between these components.

10. Dean's Signature: ___________________________ Date: 10/15/09

Print/Type Name: Fred Lewallen

- September 16, 2009 update -