CBM003 ADD/CHANGE FORM

| ☑ Undergraduate Council | ☐ Graduate/Professional Studies Council |
| ☑ New Course             | ☐ Course Change                       |
| Core Category: **NONE**  | Effective Fall __                     |

1. Department: **ECE**  College: **ENGR**
2. Person Submitting Form: **Paul Ruchhoeft**  Telephone: 3-4485  Email: pruchhoeft@uh.edu

3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     **ECE / 3355 / Electronics**
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     **ECE / 3355 / ELECTRONICS**
   - SCH: 3.00  Level: JR  CIP Code: 14.1001.00.06  Lect Hrs: 3  Lab Hrs: 0

4. Justification for adding/changing course: **To meet instructional needs of students**

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 (M/D/YY): _____

6. Authorized Degree Program(s): **BSEE, BSCpE**
   - 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

7. Grade Option: **Letter (A, B, C,...)**  Instruction Type: **lecture ONLY**  (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
   ____ / ____ / ____
   - Effective Date (M/D/YY): _____  Course I.D.: _____

9. Proposed Catalog Description: (If there are no prerequisites, type in "none").
   Cr: 3. (3-0).  Prerequisites: **ECE 2100, 2300, 2317, 3337, ENGI 2304** and credit for or concurrent enrollment in ECE 3155.  Description (30 words max.): Signal and amplifier concepts; Operational amplifiers, Diodes and nonlinear circuits; Bipolar junction transistors; Biasing, small and large signal analysis; Transistor amplifiers, Two-port networks.

10. Dean’s Signature:  ____________________________  Date: 13 Oct 2010

    Print/Type Name: **Dr. David P. Shattuck**

    Updated 8/20/10