CBM003 ADD/CHANGE FORM

Undergraduate Council
New Course □ Course Change
Core Category: NONE Effective Fall 2011

Graduate/Professional Studies Council
□ New Course □ Course Change
Effective Fall 2011

1. Department: ECE College: ENGR
2. Faculty Contact Person: David P. Shattuck Telephone: x34422 Email: shattuck@uh.edu
3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     ECE / 2355 / Honors Circuits and Electronics
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     ECE / 2355 / HONORS CIRCUITS & ELECTRONICS
   - SCH: 3.00 Level: SO 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 (currently active row): _____
6. Authorized Degree Program(s): BSCE, BSIE, BSME, BSpE, BSEE, BSCpE, BSBE
   - 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 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
     _____ / _____ / _____
   - Course ID: _____ Effective Date (currently active row): _____
9. Proposed Catalog Description: (If there are no prerequisites, type in "none").
   Cr: 3. (3-0). Prerequisites: ENGI 1331, MATH 1432, PHYS 1321, credit for or concurrent enrollment in
   MATH 2433 and PHYS 1322 and membership in the Honors Engineering Program. Description (30
   words max.): Electric circuit analysis, inductors, capacitors, first order circuits. Sinusoidal analysis,
   complex power and frequency response. Transformers, ac power and power distribution. Diodes and op-
   amps.
10. Dean’s Signature: [Signature] Date: 13Oct2010
    Print/Type Name: Dr. David P. Shattuck

- Created on 9/6/2010 2:41:00 PM -