

CBM003 ADD/CHANGE FORM

APPROVED NOV 17 2010

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

or

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

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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, BSPetE, 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: 13 Oct 2010

Print/Type Name: Dr. David P. Shattuck