

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: D. Wilton Telephone: 3-4442 Email: wilton@uh.edu
3. Course Information on New/Revised course:
 - Instructional Area / Course Number / Long Course Title:
ECE / 2317 / Applied Electricity and Magnetism
 - Instructional Area / Course Number / Short Course Title (30 characters max.)
ECE / 2317 / APPLIED ELEC & MAGNETISM
 - 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 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): 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
 - 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
ECE / 2317 / Applied Electricity and Magnetism

- Course ID: 018751 Effective Date (currently active row): 08/23/2004

9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
Cr: 3. (3-0). Prerequisites: CHEM 1117 and 1372, ECE 1100 and 1331, MATH 2433, PHYS 1322 and credit for or concurrent enrollment in MATH 3321. Description (30 words max.): Fundamentals of electricity and magnetism, vector calculus, Maxwell's equations, Kirchhoff's laws, static electric and magnetic fields, resistance, capacitance, inductance, magnetic circuits, and transformers.

10. Dean's Signature: Dr. David P. Shattuck Date: 13 Oct 2010

Print/Type Name: Dr. David P. Shattuck