CBM003 ADD/CHANGE FORM

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

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: ___________________________ Date: 13 Oct 2010

Print/Type Name: Dr. David P. Shattuck

- Created on 9/6/2010 2:17:00 PM -