UC 10944 10F

CBM003 ADD/CHANGE FORM

APPROVED NOV 17 2010

☒ Undergraduate Council	or	Graduate/Professional Studies Council
☐ New Course ☒ Course Change		☐ New Course ☐ Course Change
Core Category: NONE Effective Fall 2011		Effective Fall 2011

1. Department: ECE College: ENGR
2. Faculty Contact Person: Len Trombetta Telephone: 713 743-4424 Email: Ltrombetta@uh.edu
3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     ECE / 4339 / Physical Principles of Solid State Devices

     RECEIVED OCT 14 2010
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     ECE / 4339 / SOLID STATE DEVICES
   - SCH: 3.00 Level: SR 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 / 4339 / Physical Principles of Solid State Devices
   - Course ID: 018846 Effective Date (currently active row): 08/24/2009
9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
   Cr: 3. (3-0). Prerequisites: ECE 3155, 3355, and credit for or concurrent enrollment in ECE 4119.
   Description (30 words max.): Electronics, modern physics, and electromagnetism used to develop fundamental understanding of bipolar, Schottky, and MOS solid state device operation.
10. Dean's Signature: _____ Date: 13 Oct 2010

    Print/Type Name: Dr. David P. Shattuck