CBM003 ADD/CHANGE FORM

☐ Undergraduate Council  or  Graduate/Professional Studies Council
☐ New Course  ☒ Course Change
Core Category: NONE  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
   - 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:  
    Print/Type Name: Dr. David P. Shattuck

- Created on 9/9/2010 11:46:00 AM -