CBM003 ADD/CHANGE FORM

☒ Undergraduate Council  ☐ Graduate/Professional Studies Council
☒ New Course  ☐ Course Change
Core Category: NONE  Effective Fall 2009

1. Department: MECE  College: ENGR
2. Faculty Contact Person: Pradeep Sharma  Telephone: 3-4256  Email: psharma@central.uh.edu
3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     MECE / 5320 / Introduction to Nanomaterials Engineering
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     MECE / 5320 / INTRO NANOMATERIALS ENGR
   - SCH: 3.00  Level: IR  CIP Code: 1413010006  Lect Hrs: 3  Lab Hrs: 0
4. Justification for adding/changing course: To provide for new discipline areas
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:
     CHEE / 5397 / Chemical Nanotechnology: Principles & Applications
   - Course ID: 36482  Effective Date (currently active row): 19793
6. Authorized Degree Program(s): BSEE, BSChE, BSME, and 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
   ___ / ___ / ___
   - Course ID:  ___  Effective Date (currently active row): ___
9. Proposed Catalog Description: (If there are no prerequisites, type in "none").
   Cr: 3. (3-0).  Prerequisites: ECE 5319 or CHEE 5319 or MECE 5319, enrollment in MECE 5120, or instructor permission.  Description (30 words max.): Introduction to engineering of nanomaterials with emphasis on structural, optical, photonic, magnetic and electronic materials. Synthetic methods and analytical characterization with design for applications will be emphasized.
10. Dean's Signature: ________________  Date: 10/24/08

Print/Type Name: David P. Shattuck

- Created on 10/21/2008 10:01:00 AM -