

CBM003 ADD/CHANGE FORM

Undergraduate Council
 New Course Course Change
 Core Category: NONE Effective Fall 2009

or

Graduate/Professional Studies Council
 New Course Course Change
 Effective Fall

RECEIVED OCT 24 2009

- Department: ECE College: ENGR
- Faculty Contact Person: Dmitri Litvinov Telephone: 3-4168 Email: litvinov@uh.edu
- Course Information on New/Revised course:
 - Instructional Area / Course Number / Long Course Title:
ECE / 5321 / Design and Fabrication of Nanoscale Devices
 - Instructional Area / Course Number / Short Course Title (30 characters max.)
ECE / 5321 / NANOSCALE DESIGN & FABRICATION
 - SCH: 3.00 Level: SR CIP Code: 1413010006 Lect Hrs: 3 Lab Hrs: 0
- Justification for adding/changing course: To provide for new discipline areas
- 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): _____
- 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)
- Grade Option: Letter (A, B, C ...) Instruction Type: lecture ONLY (Note: Lect/Lab info. must match item 3, above.)
- 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): _____
- Proposed Catalog Description: (If there are no prerequisites, type in "none".)
Cr: 3. (3-0). Prerequisites: ECE 5320 or CHEE 5320 or MECE 5320, enrollment in ECE 5121, or consent
of instructor, permission. Description (30 words max.): Fundamentals of design and fabrication at the nanoscale. Effects of nanoscale phenomena on device scaling; technological advantages and challenges. Design, fabrication, metrology, and device integration at nanoscale.
- Dean's Signature: _____ Date: 10/24/08
 Print/Type Name: David P. Shattuck