

UC 11416 IIF

CBM003 ADD/CHANGE FORM

APPROVED FEB 22 2012

Undergraduate Council  
 New Course  Course Change  
 Core Category: NONE Effective Fall 2012

or

Graduate/Professional Studies Council  
 New Course  Course Change  
 Effective Fall 2012

1. Department: ECE College: ENGR  
 2. Faculty Contact Person: D. Litvinov Telephone: 2-8845 Email: litvinov@uh.edu

3. Course Information on New/Revised course:  
 • Instructional Area / Course Number / Long Course Title:  
ECE / 5120 / Nanomaterials Engineering Laboratory  
 • Instructional Area / Course Number / Short Course Title (30 characters max.)  
ECE / 5120 / NANOMATERIAL ENGR LAB  
 • SCH: 1.00 Level: SR CIP Code: 1413010006 Lect Hrs: 0 Lab Hrs: 2

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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): B.S. Electrical Engineering, B.S. Computer Engineering, B.S. Chemical Engineering, B.S. Mechanical Engineering  
 • 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: laboratory 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 / 5120 / Nanomaterials Engineering Laboratory  
 • Course ID: 046300 Effective Date (currently active row): 08/2009

*concurrent* (with arrow pointing to course ID)

9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)  
 Cr: 1. (0-2). Prerequisites: ECE 5119 or CHEE 5119 or MECE 5119, enrollment in ECE 5320 and instructor permission. Description (30 words max.): Introduction to engineering of nanomaterials with emphasis on structural, optical, photonic, magnetic and electronic materials. Experimental design, synthetic and analytical characterization will be emphasized.

10. Dean's Signature: \_\_\_\_\_ Date: 12 Oct 2011

Print/Type Name: David P. Shattuck