CBM003 ADD/CHANGE FORM

☐ Undergraduate Council  ☐ New Course  ☐ Course Change
Core Category: NONE  Effective Fall 2007

☐ Graduate/Professional Studies Council  ☐ New Course  ☐ Course Change
Effective Fall __

1. Department: ECE  College: ENGR

2. Person Submitting Form: Dmitri Litvinov  Telephone: 713-743-4168

3. Course Information on New/Revised course:
   • Instructional Area / Course Number / Long Course Title:
     ECE / 5314 / Introduction to Design and Fabrication of Nanoscale Devices
   • Instructional Area / Course Number / Short Course Title (30 characters max.)
     ECE / 5314 / INTRO NANO DESIGN & FABRICATION
   • SCH: 3.00  Level: SR  CIP Code: 1410010006  Lect Hrs: 3  Lab Hrs: 0

4. Justification for adding/changing course: Successfully taught as a selected topics 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:
     ECE / 5397 / Introduction to Design and Fabrication of Nanoscale Devices
   • Content ID: 295245  Start Date (yyyy3): 20043

6. Is this course offered for undergraduate credit only?  ☐ Yes  ☒ No

7. 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
   • Are special fees attached to this course?  ☐ Yes  ☒ No
   • Can the course be repeated for credit?  ☐ Yes  ☒ No

8. Grade Option: Letter (A, B, C...)  Instruction Type: lecture

9. 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
   ______ / ______ / ______
   • Start Date (yyyy3): _____  Content I.D.: _____

10. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
    Cr: 3 (3-0). Prerequisites: ECE 3317 and credit for or concurrent enrollment in ECE 4339  Description
        (30 words max.): Fundamentals of nanoscale science and engineering. Effects of nanoscale phenomena on
        device scaling; technological advantages and challenges. Design, fabrication, metrology, and device
        integration at nanoscale.

11. Dean’s Signature: _____________________________  Date: 10/5/06

Print/Type Name: Dr. Fritz Claydon