

CBM003 ADD/CHANGE FORM

<input checked="" type="checkbox"/> Undergraduate Council
<input checked="" type="checkbox"/> New Course <input checked="" type="checkbox"/> Course Change
Core Category: <u>NONE</u> Effective Fall <u>2007</u>

or

<input type="checkbox"/> Graduate/Professional Studies Council
<input type="checkbox"/> New Course <input type="checkbox"/> Course Change
Effective Fall <u> </u>

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 DESGN & 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

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• 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