FLORIDA INTERNATIONAL UNIVERSITY
UNIVERSITY CURRICULUM COMMITTEE
Proposal for a New Course

1a. SCHOOL/COLLEGE Engineering and Computing DIV./DEPT. IN WHICH TAUGHT Electrical and Computer Engineering

b. DIV./DEPT. NO. _____EGEL_____ DEPT. ACCOUNT NO. 212400101
(9 digits)

2. __EEE__ __4__ __XXX__ __C__ __4__   _____
Alpha   1st   last 3   "C"-lec-lab   Cr. Hrs.   CIP Code
Prefix   Digit Digits   "L"-Lab   (Leave this blank)

3a. Course Title Introduction to Nanofabrication

b. Abbreviated course Title (for computer class schedules, transcripts)

INTRO TO NANOFAB

LIMITED TO 25 Characters (including spaces)

4. Statewide Course Numbering Subject Matter Area EEE

5. Catalog Description/Major Topics (not to exceed 200 characters including spaces)

This course gill give the students an introduction to micro/nanofabrication tools and techniques. It includes lab sessions where the students design, fabricate and test selected micro-scale devices.

6. ATTACH DETAILED SYLLABUS COURSE OUTLINE AND COURSE JUSTIFICATION ON SEPARATE PAGE(S).

7. Prerequisite(s): EEE 3396 Introduction to solid state devices or with instructor's permission.

8. Corequisite(s) _____

9. Objective(s) of Course: To give the students an understanding and hands-on trainig of the standard

micro and nanofabrication techniques and the issues surrounding them.

10. Does this course duplicate/overlap other courses at FIU? _X_ No ___ Yes

If yes, please explain: _____

11. What other closely related department(s) have been consulted about this course? _____

PROPOSAL REQUESTED BY:

Faculty Contact _____Dr. Nezih Pala_____ ___ / ___ / 20 ___
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                        (Email address)   (Phone number)
Chairperson (Dept./Div.) __Shekhar Bhansali_____ 9 / 4 / 20 12
                        (Type name)   (Signature)
Chairperson (Curr. Comm.) Nagarajan Prabhakharan ___ / ___ / 20 ___
                        (Type name)   (Signature)
College/School Dean ____Amir Mirmiran_____ ___ / ___ / 20 ___
                        (Type name)   (Signature)

APPROVED BY:

University Curriculum Committee _____ ___ / ___ / 20 ___

Faculty Senate Chairperson _____ ___ / ___ / 20 ___

Academic Affairs V.P. _____ ___ / ___ / 20 ___

Submit one original copy of this form. Attach one hard copy and one electronic copy of the course syllabus containing: Objectives, Learning Outcomes, Major Topics and Textbooks.