UC 9050 06F

<table>
<tr><td>☒ Undergraduate Council
☐ New Course ☒ Course Change
Core Category: <u>NONE</u> Effective Fall <u>2007</u></td><td>or</td><td>☐ Graduate/Professional Studies Council
☐ New Course ☐ Course Change
Effective Fall __</td></tr>
</table>

1. Department: <u>ECE</u> College: <u>ENGR</u>

2. Person Submitting Form: <u>David Pai</u> Telephone: <u>713-743-4437</u>

RECEIVED OCT 0 5 2006

APPROVED DEC 0 6 2006

3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     <u>ECE</u> / <u>5356</u> / <u>CMOS Analog Integrated Circuits</u>

   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     <u>ECE</u> / <u>5356</u> / <u>CMOS ANALOG IC</u>

   - SCH: <u>3.00</u> Level: <u>SR</u> CIP Code: <u>1410010006</u> Lect Hrs: <u>3</u> Lab Hrs: <u>0</u>

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:
     <u>ECE</u> / <u>5397</u> / <u>CMOS Analog IC</u>

   - Content ID: <u>295244</u> Start Date (yyyy3): <u>20043</u>

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

7. Authorized Degree Program(s): <u>BSEE, BSCPE</u>
   - 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: <u>Letter (A, B, C ...)</u> Instruction Type: <u>lecture</u>

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:
    Cr. (3-0). Prerequisites: ECE 3456 . Description (30 words max.): . The analysis and design of CMOS
    analog integrated circuits at the transistor level, single-stage and multistage amplifiers, differential pairs,
    current source biasing circuits, current mirrors, and operational amplifier circuit design.

11. Dean's Signature: ███████████████████_____ Date: <u>10/5/06</u>

    Print/Type Name: <u>Dr. Fritz Claydon</u>