UC 9016 06F

CBM003 ADD/CHANGE FORM

☒ Undergraduate Council	or	☐ Graduate/Professional Studies Council
☒ New Course ☐ Course Change		☐ New Course ☐ Course Change
Core Category: ____ Effective Fall 2007		Effective Fall __

1. Department: Electrical and Computer Engineering College: ENGR

RECEIVED OCT 0 5 2006

2. Person Submitting Form: John Glover Telephone: x34430

APPROVED DEC 0 6 2006

3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     BIOE / 3366 / Introduction to Digital Signal Processing
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     BIOE / 3366 / INTRO TO DIGITAL SIGNAL PROC
   - SCH: 3.00 Level: JR CIP Code: 1405010006 Lect Hrs: 3 Lab Hrs: 0
4. Justification for adding/changing course: **To provide for new discipline areas**
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:
     ____ / ____ / _____
   - Content ID: _____ Start Date (yyyy3): _____
6. Is this course offered for undergraduate credit only? ☒ Yes ☐ No
7. Authorized Degree Program(s): B.S. in Biomedical 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
   - 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 3337. Credit may not be received for more than one of BIOE 3366 and ECE 3366. Description (30 words max.): Discrete-time signals and systems, discrete Fourier methods, sampling, z-transform, modulation, synthesis of discrete-time filters using digital signal processors. Examples will be taken from bioelectrical signals.
11. Dean's Signature: [redacted] Date: 10/5/06

    Print/Type Name: Dr. Fritz Claydon