

CBM003 ADD/CHANGE FORM

Undergraduate Council
 New Course Course Change
Core Category: _____ Effective Fall 2007

or

Graduate/Professional Studies Council
 New Course Course Change
Effective Fall ____

1. Department: ECE College: ENGR
2. Person Submitting Form: T.J. Hebert Telephone: 713-743-4448
3. Course Information on New/Revised course:
 - Instructional Area / Course Number / Long Course Title:
ECE / 5354 / Digital Video
 - Instructional Area / Course Number / Short Course Title (30 characters max.)
ECE / 5354 / DIGITAL VIDEO
 - SCH: 3.00 Level: SR CIP Code: 1410010006 Lect Hrs: 3 Lab Hrs: 0
4. Justification for adding/changing course: To provide appropriate foundation for 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:
____ / ____ / ____
 - Content ID: _____ Start Date (yyyy3): _____
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
ECE / 5354 / Digital Video in Telecommunications
 - Start Date (yyyy3): 20011 Content I.D.: 291572
10. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
Cr: 3 (3-0). Prerequisites: ECE 3337 ^{and} credit for or concurrent enrollment in ECE 4436 Description (30 words max.): Concepts, theory, and applications of digital video compression. Sampling and quantization, data compression, adaptive coding, BMP and JPEG image standards, H.261 video-conferencing, MPEG codecs, mathematical animation techniques.

RECEIVED OCT 05 2006

APPROVED DEC 06 2006

11. Dean's Signature: _____ Date: 10/5/06
Print/Type Name: Dr. Fritz Claydon