CBM003 ADD/CHANGE FORM

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

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