CBM003 ADD/CHANGE FORM

1. Department: Mechanical Engineering  College: ENGR

2. Person Submitting Form: Charles Dalton  Telephone: 3-4517

3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     MECE / 5331 / Machine Design
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     MECE / 5331 / MACHINE DESIGN
   - SCH: 3  Level: SR  CIP Code: 1419010006  Lect Hrs: 3  Lab Hrs: 0

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:
     MECE / 5397 / Machine Design
   - Content ID: 294841  Start Date (yyyy3): 20043

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

7. Authorized Degree Program(s): BSME
   - 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: MECE 3338, 3369, 3371, and senior standing in Mechanical Engineering.
    Description (30 words max.): General mechanical design considerations and processes, including materials, stress analysis, deflection, statistical analysis, failures resulting from both static and variable loading. Design of mechanical elements including screws, welding, springs, bearings, gears, brakes and shafts.

11. Dean's Signature: ___________________________ Date: 10/3/06
    Print/Type Name: Dr. Fritz Claydon