

UC 8837 OSF

CBM003 ADD/CHANGE FORM

Undergraduate Council
 New Course Course Change
 Core Category: _____ Effective Fall 2006

or

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

1. Department: Mechanical Engineering College: ENGR

2. Person Submitting Form: C. Dalton Telephone: 34517

RECEIVED DEC 21 2005

3. Course Information on New/Revised course:

• Instructional Area / Course Number / Long Course Title:
MECE / 3338 / Dynamics and Control of Mechanical Systems

APPROVED MAR 22 2006

• Instructional Area / Course Number / Short Course Title (30 characters max.)
MECE / 3338 / DYN/CNTRL OF MECH SYSTEMS

• SCHE: 3.00 Level: JR CIP Code: 1419010006 Lect Hrs: 3.0 Lab Hrs: 0

4. Justification for adding/changing course: To more accurately reflect course content/level

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. Mechanical 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

MECE / 3338 / Mechanical Design II: Dynamics and Control

• Start Date (yyyy3): 20021 Content I.D.: 288553

10. Proposed Catalog Description: (If there are no prerequisites, type in "none".)

Cr: ^{3. (3-20)} ~~3. (3-1)~~ Prerequisites: MECE 2361 and MECE 3336. Description (30 words max.): Design of system parameters and feedback control gains to satisfy transient and steady-state response specifications for mechanical systems. Transfer functions, time and frequency response, vibration isolation, automatic control systems. Design project required.

11. Dean's Signature: _____

Date: 12/20/05

Print/Type Name: Fritz Claydon