

CBM003 ADD/CHANGE FORM

APPROVED FEB 24 2010

Undergraduate Council  
 New Course  Course Change  
 Core Category: \_\_\_\_\_ Effective Fall 2010

or

**Graduate/Professional Studies Council**  
 New Course  Course Change  
 Effective Fall 2010

RECEIVED OCT 15 2009

1. Department: Engineering Technology College: TECH
2. Faculty Contact Person: Raesh Pascali Telephone: 3-4869 Email: rpascali@uh.edu
3. Course Information on New/Revised course:
  - Instructional Area / Course Number / Long Course Title:  
MECT / 4343 / Thermal Processing and Post-Processing of Materials
  - Instructional Area / Course Number / Short Course Title (30 characters max.)  
MECT / 4343 / THERMAL PROCESSING OF MATERIAL
  - SCH: 3.00 Level: SR CIP Code: 15.0805.00 19 Lect Hrs: 3 Lab Hrs: 0
4. Justification for adding/changing course: **To incorporate new developments in discipline**
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:  
\_\_\_\_ / \_\_\_\_ / \_\_\_\_\_
  - Course ID: \_\_\_\_\_ Effective Date (currently active row): \_\_\_\_\_
6. Authorized Degree Program(s): BS, Mechanical Engineering Technology
  - 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
  - Can the course be repeated for credit?  Yes  No (if yes, include in course description)
7. Grade Option: Letter (A, B, C ...) Instruction Type: lecture ONLY (Note: Lect/Lab info. must match item 3, above.)
8. 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  
 \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_
  - Course ID: \_\_\_\_\_ Effective Date (currently active row): \_\_\_\_\_
9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)  
 Cr: 3. (3-0). Prerequisites: MECT 4372, 3331. Description (30 words max.): Thermodynamic phenomena occurring during materials processing. Heat effects during solidification, phase transformation, recrystallization, and other post-processing effects. Technologies to monitor phase transformations, recrystallization, and implications on materials characteristics.
10. Dean's Signature: \_\_\_\_\_ Date: 10/15/09

Print/Type Name: Fred Lewallen