CBM003 ADD/CHANGE FORM

<table>
<thead>
<tr>
<th>Undergraduate Committee</th>
<th>or</th>
<th>Graduate/Professional Studies Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ New Course ☒ Course Change</td>
<td>☐ New Course ☐ Course Change</td>
<td></td>
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<tr>
<td>Core Category: NONE</td>
<td>Effective Fall 2014</td>
<td>Effective Fall 2014</td>
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</tbody>
</table>

1. Department: Mechanical Engineering  College: ENGR

2. Faculty Contact Person: R. Bannerot  Telephone: x34511  Email: rbb@uh.edu

3. Course Information on New/Revised course:
   - Instructional Area / Course Number (*see CBM003 instructions) / Long Course Title:
     MECE / 4343 / Thermal Design
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     MECE / 4343 / THERMAL DESIGN
   - SCH: 3.00  Level: SR  CIP Code: 14.1901.00 06  Lect Hrs: 3  Lab Hrs: 0
   - Term(s) Course is Offered (*see CBM003 instructions about selection): Fall

4. Justification for adding/changing course: To meet professional/accreditation standards

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): 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
   - 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. *See CBM003 instructions.)

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
   MECE / 3334 / Thermodynamics II
   - Course ID: 31454  Effective Date (currently active row): 8.24.2009

9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
   Cr: 3. (3-0). Prerequisites: MECE 2334 and credit for or concurrent enrollment in MECE 4364.
   Description (30 words max.): Power and refrigeration cycles, mixture of ideal gases, basic combustion processes, thermodynamics of compressible flow, thermal system design.

10. Dean’s Signature: __________________________  Date: 10 OCT 2013
    Print/Type Name: David P. Shattuck