Course Change Request

Date Submitted: 11/15/17 8:26 am

Viewing: MEEN 361: Materials and Manufacturing in Design Laboratory

Last edit: 01/23/18 2:20 pm

Changes proposed by: dbeck

Program referencing this course

BS-MEEN-QT: Mechanical Engineering - BS, Qatar Campus

As a Banner Prerequisite:

MEEN 460: Corrosion Engineering
MEEN 467: Mechanical Behavior of Materials
MEEN 471: Elements of Composite Materials

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doug Beck</td>
<td><a href="mailto:dbeck@tamu.edu">dbeck@tamu.edu</a></td>
<td>979-862-3334</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix MEEN Course number 361

Department Mechanical Engineering

College/School College of Engineering

Academic Level Undergraduate

Undergraduate course level justification (Select One)

Prerequisites

All prerequisites will be enforced through COMPASS.

Academic Level (alternate) Graduate

Effective term 2018-2019

Complete Course Title Materials and Manufacturing in Design Laboratory

Abbreviated Course Title MTLS & MFG IN DESIGN LAB

Catalog course description

Experiments in materials characterization and manufacturing processes; emphasis on material mechanical properties; microstructure production and control; manufacturing processes for producing various shapes for components and structures.

Prerequisites and Restrictions

Grade of C MEEN 222, MEEN 260, CVEN 305, MEEN 360 or better in MEEN 260, and MEEN 222 registration therein; junior or MSEE 222; grade of C or better in MEEN 360 or concurrent enrollment. Approval of instructor.

Concurrent Enrollment No

In Workflow

1. MEEN Department Head
2. Curricular Services Review
3. EN Committee Preparer UG
4. EN Committee Chair UG
5. EN College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path

1. 11/15/17 9:56 am
   Tillie McVay (t_mcvay):
   Approved for MEEN Department Head
2. 11/19/17 11:20 am
   Sandra Williams (sandra-williams):
   Approved for Curricular Services Review
3. 11/19/17 2:01 pm
   Eileen Hoy (ehoy):
   Approved for EN Committee Preparer UG
4. 11/21/17 9:42 am
   Cathy Sperry (c-sperry):
   Approved for EN Committee Chair UG
5. 11/21/17 2:35 pm
   Prasad Enjeti (enjeti):
   Approved for EN College Dean UG
6. 11/21/17 2:47 pm
   Sandra Williams (sandra-williams):
   Approved for UCC Preparer
7. 12/05/17 10:49 am
   Sandra Williams (sandra-williams):
   Approved for UCC Chair
8. 01/11/18 2:30 pm
   Jan Helgoth (helgoth):
   Approved for Faculty Senate Preparer
9. 01/23/18 2:20 pm
   Jan Helgoth (helgoth):

https://nextcatalog.tamu.edu/courseleaf/approve/
Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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<tbody>
<tr>
<td>And</td>
<td>MEEN 222</td>
<td>C</td>
<td>UG</td>
<td>No</td>
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<td>No</td>
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<tr>
<td>And</td>
<td>MEEN 360</td>
<td>C</td>
<td>UG</td>
<td>Yes</td>
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Crosslistings: No

Semester: 1
Credit Hour(s): 1
Contact Hour(s): (per week):
Lecture: 0
Lab: 3
Other: 0
Total: 3

Repeatable for credit? No
Three-peat? No
CIP/Fund Code: 1419010006
Default Grade Mode: Letter Grade(G)
Alternate Grade Modes: Satisfactory/Unsatisfactory
Method of instruction: Laboratory
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

<table>
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<th>Program(s)</th>
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<tr>
<td>(BS-MEEN) Mechanical Engineering - BS</td>
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</table>

Required (select program)

Elective (select program)

Has/will this course been submitted for core curriculum consideration? No
Has/will this course be(en) submitted for Writing or Communication consideration? No

Has/will this course be(en) submitted for ICD consideration? No

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation No

Additional information

Reviewer Comments

* Sandra Williams (sandra-williams) (11/14/17 8:33 pm): Rollback: If you require a grade of C or better in your enforced prerequisites, include a statement in the catalog prerequisites.*

* Sandra Williams (sandra-williams) (12/05/17 10:49 am): UCC approved in December.*

* Jan Helgoth (helgoth) (01/23/18 2:20 pm): Rollback: to Feb Agenda*

Reported to state? No