Course Change Request

Date Submitted: 10/17/17 12:17 pm

Viewing: MSEN 320: Deformation and Failure Mechanisms in Engineering Materials

Last approved: 04/29/17 3:17 am
Last edit: 01/23/18 2:22 pm

Changes proposed by: jules.henry

Catalog Pages
- Department of Materials Science and Engineering
  - MSEN - Materials Science & Engr (MSEN)

Programs referencing this course
- BS-MSEN: Materials Science and Engineering - BS

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Jules Henry</td>
<td><a href="mailto:jules.henry@tamu.edu">jules.henry@tamu.edu</a></td>
<td>979-862-1089</td>
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</tbody>
</table>

Rationale for Course

Edit

Other

Explain other rationale

Department is updating prerequisites for course.

Course prefix MSEN Course number 320

Department Materials Science & Engr
College/School College of Engineering
Academic Level Undergraduate

Undergraduate course level justification (Select One)

Prerequisites

All prerequisites will be enforced through COMPASS.

Academic Level Graduate (alternate)
Effective term 2018-2019

Complete Course Title Deformation and Failure Mechanisms in Engineering Materials

Abbreviated Course Title DEFORM & FAIL MECH ENG MATLS

Catalog course description

Survey of deformation and failure mechanisms in different materials, including metals, ceramics, polymers and composites; effect of atomistic structure, defects and microstructure on deformation and failure; deformation and failure mechanism maps and effects of temperature and deformation rate.

Prerequisites and Restrictions

In Workflow

1. MSEN 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. President
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path

1. 10/17/17 3:03 pm Ibrahim Karaman (karaman): Approved for MSEN Department Head
2. 10/18/17 9:45 am Sandra Williams (sandra-williams): Approved for Curricular Services Review
3. 10/25/17 8:18 pm Eileen Hoy (ehoy): Approved for EN Committee Preparer UG
4. 10/27/17 9:12 am Prasad Enjeti (enjeti): Approved for EN Committee Chair UG
5. 10/27/17 9:42 am Prasad Enjeti (enjeti): Approved for EN College Dean UG
6. 11/13/17 6:22 pm Sandra Williams (sandra-williams): Approved for UCC Preparer
7. 12/05/17 10:56 am Sandra Williams (sandra-williams): Approved for UCC Chair
8. 01/11/18 4:34 pm Jan Helgoth (helgoth): Approved for Faculty Senate Preparer

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

<table>
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<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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<tr>
<td></td>
<td>MSEN 260</td>
<td>C</td>
<td>UG</td>
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Crosslistings: No  Crosslisted With
Stacked: No  Stacked with

Semester Credit Hour(s) Contact Hour(s) (per week): Lecture: 3 Lab: 0 Other: 0 Total: 3
Repeatable for credit? No
Three-peat? No
CIP/Fund Code 1418010006
Default Grade Mode Letter Grade(G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture
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:

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<th>Program(s)</th>
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<tr>
<td>(BS-MSEN) Materials Science and Engineering - BS</td>
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Has/will this course be(e)n submitted for core curriculum consideration? No
Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation

No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (12/05/17 10:56 am): UCC approved in December.
Jan Helgoth (helgoth) (01/23/18 2:22 pm): Rollback: to Feb Agenda

Reported to state?

No