Course Change Request

Date Submitted: 10/30/17 11:11 am

Viewing: MEEN 221: Statics and Particle Dynamics

Last edit: 01/23/18 2:20 pm
Changes proposed by: dbeck

Catalog Pages referencing this course

- AERO - Aerospace Engineering (AERO)
- BAEN - Biological & Ag Engr (BAEN)
- CVEN - Civ Eng (CVEN)
- Department of Aerospace Engineering
- Department of Biological and Agricultural Engineering
- Department of Mechanical Engineering
- MEEN - Mechanical Engineering (MEEN)
- Texas Department of Civil Engineering

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tracey Rueschhoff</td>
<td><a href="mailto:trueeschhoff@tamu.edu">trueeschhoff@tamu.edu</a></td>
<td>979-862-4629</td>
</tr>
<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 to support major changes to an existing program.

Other

Change in pre-req only for MEEN 221 due to the College of Engineering changing the numbering of their freshmen level ENGR/PHYS courses.

Course prefix: MEEN  
Course number: 221

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: Graduate

Effective term: 2018-2019

Complete Course Title:
Statics and Particle Dynamics
Abbreviated Course Title:
STATICS & PARTICLE DYNAM

Catalog course description:
Application of the fundamental principles of Newtonian mechanics to the statics and dynamics of particles; equilibrium of trusses, frames, beams and other rigid bodies.

Prerequisites and Restrictions

For non-mechanical engineering majors; admission to an engineering major; Grade of C in MATH 251 or better in PHYS 206 MATH 252 or PHYS 218; grade of C or better in MATH 251 or MATH 253, or concurrent enrollment. Registration therein PHYS

Approval Path

1. 11/01/17 3:26 pm  
   Tillie McVay (tmcvay): Approved for MEEN Department Head

2. 11/09/17 8:34 pm  
   Sandra Williams (sandra-williams): Approved for Curricular Services Review

3. 11/17/17 2:50 pm  
   Eileen Hoy (ehoy): Approved for EN Committee Preparer UG

4. 11/17/17 3:54 pm  
   Prasad Enjeti (enjeti): Approved for EN Committee Chair UG

5. 11/17/17 4:03 pm  
   Prasad Enjeti (enjeti): Approved for EN College Dean UG

6. 11/19/17 9:48 am  
   Sandra Williams (sandra-williams): Approved for UCC Preparer

7. 12/05/17 10:48 am  
   Sandra Williams (sandra-williams): Approved for UCC Chair

8. 01/11/18 2:25 pm  
   Jan Helgoth (helgoth): Approved for Faculty Senate Preparer

9. 01/23/18 2:20 pm  
   Jan Helgoth (helgoth):
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>
</tr>
</thead>
<tbody>
<tr>
<td>{</td>
<td>PHYS 206 218</td>
<td>C</td>
<td>UG</td>
<td>No</td>
</tr>
<tr>
<td>Or</td>
<td>PHYS 218</td>
<td>C</td>
<td>UG</td>
<td>No</td>
</tr>
<tr>
<td>And</td>
<td>MATH 251</td>
<td>C</td>
<td>UG</td>
<td>Yes</td>
</tr>
<tr>
<td>Or</td>
<td>MATH 253</td>
<td>C</td>
<td>UG</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Crosslistings: No  Crosslisted With: 
Stacked: No  Stacked with: 

Semester: 3  Credit Hour(s): 
Contact Hour(s): Lecture: 3  Lab: 0  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: 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:

<table>
<thead>
<tr>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BS-INEN) Industrial Engineering - BS</td>
</tr>
<tr>
<td>(BS-BAEN) Biological and Agricultural Engineering - BS</td>
</tr>
<tr>
<td>(BS-PTE) Petroleum Engineering - BS</td>
</tr>
<tr>
<td>(BS-NUEN) Nuclear Engineering - BS</td>
</tr>
</tbody>
</table>
Elective (select program)

<table>
<thead>
<tr>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BS-ELEN) Electrical Engineering - BS</td>
</tr>
<tr>
<td>(BS-CHEN) Chemical Engineering - BS</td>
</tr>
</tbody>
</table>

Has/will this course be(en) 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) (10/17/17 10:49 am): Rollback: The enforced prerequisite table only shows the PHYS course and not the MATH courses as listed in the catalog prerequisites. The enforced prerequisite table needs to show all catalog prerequisites. Also, if you require a grade of C or better, you will need to add a statement to the catalog prerequisites.

Sandra Williams (sandra-williams) (10/30/17 10:23 am): Rollback: if you require a grade of C or better, you will need to add a statement to the catalog prerequisites.

Sandra Williams (sandra-williams) (11/09/17 8:34 pm): Edits made to catalog prerequisites to comply with style guide.

Sandra Williams (sandra-williams) (12/05/17 10:48 am): UCC approved in December.

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

Reported to state? No

Key: 10377