Change Graduate Option
Engineering Management

Status: Pending Review - Graduate Council Chair

1. Review - College Approver - Engineering
   Approved by Robert Paasch Professor / Sch of Mech/Ind/Mfg Engr, March 22, 2016 1:01pm

2. Review - Curriculum Coordinator
   Approved by Cheryl Hagey Administrative Program Assist / Acad Prgms/Assess/Accred, March 23, 2016 10:43am
   Comments
   Cheryl Hagey (Curriculum Coordinator) March 23, 2016 10:43am
   SUMMARY: This Change Graduate Options seeks to update the requirements for this option.
   CIP number 141901 has been added to the proposal.
   All Components per Faculty Senate Curriculum Council are met.

3. Review - Graduate Council Chair
   Pending Review

More Queued Reviews (5)
Graduate School; CC Rep - Engineering (M-Z); Curriculum Council Chair; Academic Programs; Catalog Coordinator

Proposal
Proposal ID: 97364
Type: Change Major/Option/Minor/Certificate
Submission Date: March 1, 2016 1:25pm
Effective Term: Summer 2016
Justification: This graduate option enables mechanical engineering (ME) graduate students to be recognized as having an understanding of engineering management. The coursework for the Engineering Management Option focuses on equipping engineers with the skills necessary to effectively manage technical resources to accomplish complex technical tasks.

The Engineering Management graduate option (option code 3195) should be available for these two majors:
1. Industrial Engineering (MEng, MS, PhD, MAIS) (3190)
2. Mechanical Engineering (MEng, MS, PhD, MAIS) (3210)

Comments: Engineering Management (3195) is already an approved graduate option for the major Industrial Engineering (MEng, MS, PhD, MAIS) (3190). It was approved via proposal number 87775 effective Winter term 2014.

Originators
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<tr>
<th>NAME</th>
<th>TITLE</th>
<th>DEPARTMENT/SCHOOL</th>
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<tbody>
<tr>
<td>Lynn Paul</td>
<td>Advisor-Academic</td>
<td>Sch of Mech/Ind/Mfg Engr</td>
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Contacts
<table>
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<tr>
<th>NAME</th>
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<th>DEPARTMENT/SCHOOL</th>
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<tbody>
<tr>
<td>Ean Ng</td>
<td>Assistant Professor (Sr Res)</td>
<td>Sch of Mech/Ind/Mfg Engr</td>
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Liaisons
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<thead>
<tr>
<th>LIAISON</th>
<th>STATUS</th>
<th>REQUIRED</th>
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<tbody>
<tr>
<td>Brady Gibbons - Associate Professor / Sch of Mech/Ind/Mfg Engr</td>
<td>Responded</td>
<td>Yes</td>
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<td>OK by me, but you should probably add David Porter as a liaison.</td>
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<td>Brady (Responded on Mar 1, 2016)</td>
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<tr>
<td>Jose Porter Medina - Associate Professor / Sch of Mech/Ind/Mfg Engr</td>
<td>Responded</td>
<td>No</td>
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<td>I approve (Responded on Mar 1, 2016)</td>
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The graduate option in Engineering Management at Oregon State University is designed for engineers who are conversant in the language and methods of engineering and technology who are motivated to become managers and leaders. The curriculum will equip engineers with the knowledge and skills necessary to effectively manage technical resources to accomplish complex technical tasks.

Required

- IE 571. Project Management in Engineering (3)
- IE 581. Operations Management (4)
- IE 582. Introduction to Management for Engineers and Scientists (4)
- IE 583. Advanced Engineering Economics Analysis (4)