

**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**

NAME	TITLE	DEPARTMENT/SCHOOL
<a href="#">Lynn Paul</a>	Advisor-Academic	Sch of Mech/Ind/Mfg Engr

**Contacts**

NAME	TITLE	DEPARTMENT/SCHOOL
<a href="#">Ean Ng</a>	Assistant Professor (Sr Res)	Sch of Mech/Ind/Mfg Engr

**Liaisons**

LIAISON	STATUS	REQUIRED
Brady Gibbons - Associate Professor / Sch of Mech/Ind/Mfg Engr OK by me, but you should probably add David Porter as a liaison. Brady (Responded on Mar 1, 2016)	Responded	Yes
Jose Porter Medina - Associate Professor / Sch of Mech/Ind/Mfg Engr I approve (Responded on Mar 1, 2016)	Responded	No

## Program Information

Program Title: Engineering Management  
CIP Code: 141901  
College/Department or College/School: College of Engineering / School of Mechanical, Industrial, and Manufacturing Engineering  
Program Type: Graduate Option  
Associated Major: Mechanical Engineering - MENG, MS, PhD  
Original Program: [Engineering Management](#)  
Description: UPDATED

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.

Requirements: UPDATED

## 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)

## Documents

*None*