MECOP Course Plan

Department of Mechanical and Materials Engineering

Mechanical Engineering Program

pdx.edu/mme/undergraduate-mme

Portland State University

Portiand State University									
FRESH/SOPH MECOP Y		COP YEA	-		COP YEA	AR 2	MECOP YEAR 3		
FALL WINTER SPRIN	IG FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING
Math / Science Requirements									
To be eligible for MECOP selection you need to have Juni standing and have completed required courses for admission the upper division BSME progra by fall term of MECOP Year 1	to um	STAT 353*							
		Ű	ng / Compute	er Science Requirements					
	MECH ANALYS	DESIGN MACH		ENGR THERMO	APPLIED FLUID		ME 491	CAPSTONE ME 492	ME 493
	AINAL 15	MACH	М	THERMO	THERMO	М	ME 491 ME PROF	ME 492	ME 495
	ME 313	ME 314	E C	ME 321	ME 322	E C	ME 1 KOP		
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	ME 350	MODEL	Р	MECH	TRANS	Р	ME	ME	ME
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		ME 351	N T	ME 320/L	ME 323	N T			
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			S			S	ELECTIVE		
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			6 Months			6 Months			
			0 Months			0 Wontins			
	-	Ger	neral Educati	-	ents				
	TECH			PRIV				UNST	UNST
	REPORT			PUBLIC				UPPER	UPPER
	WRITING			INVEST				DIVISION	DIVISION
	WR 327	1		EC 314U				CLUSTER	CLUSTER

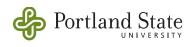
EXPLANATION

2016-2017

- CREDIT HOURS
 - ME 491 & 492 FULFILL UNST CAPSTONE
 - SHADED AREA = MECOP Internship (6 months each)
 - EAS 407 MECOP Seminar (0 credit)
 - Refer to the PSU Bulletin for General Education Requirements

*If you have taken STAT 451 prior to Fall 2016, it will fulfill the statistics requirement.

12/21/16 CS



General Education Requirements Undergraduate Engineering Programs

There are two (2) separate sets of general education requirements:

- 1. University Requirements
- 2. Maseeh College of Engineering and Computer Science (MCECS) Requirements

You must satisfy **BOTH** sets of requirements.

University Requirements

- A. Freshmen entering with 29 or fewer prior university/college credits must complete all University Studies Requirements, including freshman and sophomore inquiry sequences and upper division cluster courses.
- B. Continuing and transfer students with 30-89 prior university/college credits must complete the following program:
 - Sophomore Inquiry: 30-59 credits, three courses; 60-74 credits, two courses; 75-89 credits, one course. The upper division cluster must be linked with one of these Sophomore Inquiry courses.
 - Upper Division Cluster: three courses
- C. Continuing and transfer students with 90 or more prior university/college credits must complete the following program:
 - University Studies requirements beginning with Upper Division Cluster courses. It is strongly recommended that students also take the single Sophomore Inquiry course that is linked to the chosen Upper Division Cluster.

PLACEMENT FOR TRANSFER STUDENTS

CREDITS TRANSFERRED	UNIVERSITY STUDIES PLACEMENT				
0-29 Credits	Freshman Inquiry				
30-59 Credits	3 Sophomore Inquiries				
60-74 Credits	2 Sophomore Inquiries				
75-89 Credits	1 Sophomore Inquiries				
90 or more credits	Upper Division Cluster				

Maseeh College of Engineering and Computer Science General Education Requirements

- a) Transfer students must have a minimum of 27 credits of University Studies courses and/or Arts and Letters/Social Science courses at their previous college or at PSU prior in additional to the 12 credits of required upper division cluster courses that must be taken at PSU.
- b) Transfer students who have not taken Freshman Inquiry must have completed:
 - For Computer, Electrical, and Mechanical: WR 121 and COMM 220 or equivalent course For Civil and Environmental: WR 121, WR 227, and COMM 100 or 220 (recommended)
- c) All engineering students must complete EC 314U Public and Private Investment Analysis. Students may use EC 314U as a University Studies course in the following clusters:
 - Community Studies
 - Design Thinking/Innovation/Entrepreneurship
 - Knowledge, Values and Rationality clusters.

Students should consult with their academic advisor or department chair regarding these requirements.

