

Study Plan for B.S.E., PRODUCT DESIGN & MANUFACTURING ENGINEERING Major
(2017-18 Catalog) (MTH 201 Placement with Honors Making of Europe - 4 Year Program)
Student Name: _____

Student ID#: G

Minor:																		
1st Year	1st Semester: Fall_____						2nd Semester: Winter _____						Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed
	* MTH	201	Calculus I	4	_____	_____	* MTH	202	Calculus II	4	_____	_____	* STA	220	Engrg Statistics	2	_____	_____
	* EGR	106	Intro to Egr Design I	3	_____	_____	* PHY	230	Physics I	5	_____	_____	* EGR	220	Engrg Stats Lab	1	_____	_____
	* CHM	115	Chemistry I	5	_____	_____	* EGR	107	Intro to Egr Design II	3	_____	_____	* MTH	203	Calculus III	4	_____	_____
	HNR	217	MOE I	3	_____	_____	HNR	218	MOE II	3	_____	_____						
2nd Year	3rd Semester: Fall_____						4th Semester: Winter _____						Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed
	+ * PHY	234/1	Physics II	4/5	_____	_____	* MTH	302	Lin Alg & DEQ	4	_____	_____	EGR	290	Engrg Co-op I	3	_____	_____
	* EGR	226	MicroCtrl Pgm Appl	4	_____	_____	* EGR	309	Mach Design I	4	_____	_____	* EGR	214	Circuit Analysis I	4	_____	_____
	* EGR	209	Mech & Mach	4	_____	_____	* EGR	250	Mat Sci & Engrg	4	_____	_____						
	EGR	289	Engrg Co-op Prep	1	_____	_____	HNR	SBS	_____	3	_____	_____						
3rd Year	5th Semester: Fall_____						Semester: Winter _____						6th Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed
	EGR	301	Fund Prod Des	4	_____	_____	EGR	390	Engrg Co-op II	3	_____	_____	EGR	362	Thermo-Fluid Sy:	4	_____	_____
	EGR	345	Dyn Sys Mod	4	_____	_____	# HNR	Jr Seminar	_____	3	_____	_____	EGR	440	Prod'n Models	3	_____	_____
	EGR	367	Mfg Processes	4	_____	_____							PDM	Elec	_____	4	_____	_____
	HNR	US	_____	3	_____	_____						# HNR	Jr Seminar	_____	3	_____	_____	
4th Year	Semester: Fall_____						7th Semester: Winter _____						8th Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed
	EGR	490	Engrg Co-op III	3	_____	_____	EGR	401	Adv Prod Design	4	_____	_____	EGR	486	Sr Project II	2	_____	_____
							EGR	450	Mfg Controls	4	_____	_____	PDM	Elec	_____	4	_____	_____
							EGR	485	Sr Project I	1	_____	_____	HNR	LS	_____	3	_____	_____
						PDM	Elec	_____	4	_____	_____	% ECO	210/211	Economics	3	_____	_____	

PCEC Student Services: (616)331-6025

- * Engineering Foundation course
- + Students may enroll in PHY 231 instead of PHY 234
- # The two Jr. Seminars fulfill Issues and the SWS requirements.
Junior Seminars can be taken when students have >= 45 credits. Online seminars offered each semester.
- % ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS Gen Ed requirement.

If students do not have Advanced Placement credit applicable to the engineering curriculum, e.g., Calculus, Physics, and/or Chemistry, it is strongly recommended that they consider a 5-year plan.

Secondary Admissions Criteria:

- A GPA of 2.7 or above in the Engineering Foundation courses

- Completion of each course in the Engineering Foundation with a grade of C (2.0) or above, **with no more than one repeat**

- Completion of preparation for placement in the cooperative engineering education, EGR 289

Recommendation:

It is strongly encouraged that students do not begin or break a curriculum thread by taking courses at other institutions; e.g., take the MTH 201 equivalent elsewhere, return to GV and continue in the math thread with MTH 202.