Study Plan for B.S.E., *PRODUCT DESIGN & MANUFACTURING ENGINEERING* Major

Student Name: _____

(2016-17 Catalog) ***(MTH 201 Placement with Honors - 4 Year Program)*** **Minor:** _____ **Student ID#:** G

1st Year

	1st Semester: Fall____			Credits	Grade	Semester Completed
*	MTH	201	Calculus I	4		
	HNR	217	MOE I	3		
*	EGR	106	Intro to Egr Design I	3		
*	CHM	115	Chemistry I	5		

	2nd Semester: Winter ____			Credits	Grade	Semester Completed
*	MTH	202	Calculus II	4		
*	PHY	230	Physics I	5		
	HNR	218	MOE II	3		
*	EGR	107	Intro to Egr Design II	3		

	Semester: S/S ____			Credits	Grade	Semester Completed
*	STA	220	Engrg Statistics	2		
*	EGR	220	Engrg Stats Lab	1		
*	MTH	203	Calculus III	4		

2nd Year

	3rd Semester: Fall____			Credits	Grade	Semester Completed
	HNR	227	MOE III	3		
+ *	PHY	234/1	Physics II	4/5		
*	EGR	226	Intro Digital Sys	4		
*	EGR	209	Mech & Mach	4		
*	EGR	289	Engrg Co-op Prep	1		

	4th Semester: Winter ____			Credits	Grade	Semester Completed
*	MTH	302	Lin Alg & DEQ	4		
*	EGR	309	Mach Design I	4		
	HNR	228	MOE IV	3		
*	EGR	214	Circuit Analysis I	4		

	Semester: S/S ____			Credits	Grade	Semester Completed
	EGR	290	Engrg Co-op I	3		
*	EGR	250	Mat Sci & Engrg	4		

3rd Year

	5th Semester: Fall____			Credits	Grade	Semester Completed
	EGR	301	Fund Prod Des	4		
	EGR	345	Dyn Sys Mod	4		
	EGR	367	Mfg Processes	4		
	HNR	SBS	_____	3		

	Semester: Winter ____			Credits	Grade	Semester Completed
	EGR	390	Engrg Co-op II	3		

	6th Semester: S/S ____			Credits	Grade	Semester Completed
	EGR	362	Thermo-Fluid Sy	4		
	EGR	440	Prod'n Models	3		
	PDM	Elec	_____	4		
%	ECO	210/211	Economics	3		

4th Year

	Semester: Fall____			Credits	Grade	Semester Completed
	EGR	490	Engrg Co-op III	3		

	7th Semester: Winter ____			Credits	Grade	Semester Completed
	EGR	401	Adv Prod Design	4		
	EGR	450	Mfg Controls	4		
	EGR	485	Sr Project I	1		
	PDM	Elec	_____	4		

	8th Semester: S/S ____			Credits	Grade	Semester Completed
	EGR	486	Sr Project II	2		
	PDM	Elec	_____	4		
	GE - LS		_____	3		

PCEC Student Services: (616)331-6025

* Engineering Foundation course
\+ Students may enroll in PHY 231 instead of PHY 234
\# Issues courses as well.
% ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS GenEd requirement.

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