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

Student Name: _____

(2017-18 Catalog) ***(MTH 201 Placement - 4 Year Program)*** **Minor:** _____

Student ID#: *G* _____

1st Year

	1st Semester: Fall____			Credits	Grade	Semester Completed
*	MTH	201	Calculus I	4		
*	WRT	150	Writ Strategies	4		
*	EGR	106	Intro to Egr Design I	3		
*	CHM	115	Chemistry I	4		

	2nd Semester: Winter ____			Credits	Grade	Semester Completed
*	MTH	202	Calculus II	4		
*	PHY	230	Physics I	5		
*	EGR	107	Intro to Egr Design II	3		
*	STA	220	Engrg Statistics	2		
*	EGR	220	Engrg Stats Lab	1		

Semester: S/S ____	Credits	Grade	Semester Completed
_____	__		
_____	__		
_____	__		

2nd Year

		3rd Semester: Fall____			Credits	Grade	Semester Completed
	*	MTH	203	Calculus III	4		
+	*	PHY	234/1	Physics II	4/5		
	*	EGR	226	MicroCtrl Pgm Appl	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		
*	EGR	250	Mat Sci & Engrg	4		
*	EGR	214	Circuit Analysis I	4		

Semester: S/S ____		Credits	Grade	Semester Completed
EGR	290 Engrg Co-op I	3		
GE - Arts	_____	3		
_____		__		

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		
•	GE-SBS		_____	3		

Semester: Winter ____		Credits	Grade	Semester Completed
EGR	390 Engrg Co-op II (SWS)	3		
GE - Issue	_____	3		

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

4th Year

Semester: Fall____		Credits	Grade	Semester Completed
EGR	490 Engrg Co-op III	3		
GE - Issue	_____	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		
@	GE - P & L (PHI 102 Ethics)			3		

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

PCEC Student Services: (616)331-6025

* Engineering Foundation course
\+ Students may enroll in PHY 231 instead of PHY 234
• Consider taking a course that doubles as SBS and US (See Gen Ed guide for selections)
\# Consider taking a course that doubles as WP and Issue (See Gen Ed guide for selections)
@ An ethics course is required in the engineering program (PHI 102 or another ethics course in General Education). Consider taking PHI 102 as an SWS.
% ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS Gen Ed 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