## Study Plan for B.S.E., <u>PRODUCT DESIGN & MANUFACTURING ENGINEERING</u> Major

(2017-18 Catalog) (MTH 110 Placemen	at - 5 Year Program) Mino	r: St	udent ID#: $G$	_ _
MTH 110 Algebra  * WRT 150 Writ Strategies  * EGR 100 Intro to Engrg  GE - Arts  GE - Hist	Semester   Completed	l ė		Semester Completed
* MTH 201 Calculus I * EGR 106 Intro to Egr Design I % ECO 210/211 Economics @ GE - P & L (PHI 102 Ethics)	Semester	l e		Semester Completed
* MTH 203 Calculus III  * PHY 234/1 Physics II  * EGR 209 Mech & Mach  * EGR 226 MicroCtrl Pgm Appl  * EGR 289 Engrg Co-op Prep	Semester	l e		Semester Completed
7th Semester: Fall  EGR 301 Fund Prod Des  EGR 345 Dyn Sys Mod  EGR 367 Mfg Processes  # ^ EGR 306 Urban Env & Sust	Semester   Completed	Semester: Winter   So Grade   Co		
Semester: Fall  EGR 490 Engrg Co-op III  # GE - WP	Semester	9th Semester: Winter	10th Semester: S/S 5   Grade	

## PCEC Student Services: (616)331-6025

- \* Engineering Foundation course
- + Students may enroll in PHY 231 instead of PHY 234
- ^ Not required, but strongly recommended for success
- 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:**

**Student Name:** 

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.