

Study Plan for B.S.E., COMPUTER ENGINEERING Major
(2019-20 Catalog) (MTH 110 Placement - 5 Year Program) Minor: _____

Student Name: _____

Student ID#: G _____

1st Year	1st Semester: Fall_____					Credits	Grade	Semester Completed	2nd Semester: Winter _____					Credits	Grade	Semester Completed	Semester: S/S _____					Credits	Grade	Semester Completed
	MTH 110 Algebra					4			MTH 124 Functions and Models					5										
	* WRT 150 Writ Strategies					4			* CHM 115 Chemistry I					4										
	^ EGR 100 Intro to Engrg					1			• GE-SBS _____					3										
	GE - Arts _____					3			GE - Hist _____					3										
GE - LS _____					3																			
2nd Year	3rd Semester: Fall _____					Credits	Grade	Semester Completed	4th Semester: Winter _____					Credits	Grade	Semester Completed	Semester: S/S _____					Credits	Grade	Semester Completed
	* MTH 201 Calculus I					4			* MTH 202 Calculus II					4										
	* EGR 106 Intro to Egr Design I					3			* EGR 107 Intro to Egr Design I					3										
	% ECO 210/211 Economics					3			* PHY 230 Physics I					5										
	@ GE - P & L (PHI 102 Ethics)					3			* STA 220 Statistical Modeling					2										
								* EGR 220 Measure/Data Analysis					1											
3rd Year	5th Semester: Fall _____					Credits	Grade	Semester Completed	6th Semester: Winter _____					Credits	Grade	Semester Completed	Semester: S/S _____					Credits	Grade	Semester Completed
	* MTH 203 Calculus III					4			* MTH 302 Lin Alg & DEQ					4			EGR 290 Engrg Co-op I					3		
	+ * PHY 234/1 Physics II					4/5			* EGR 223 Probab & Signals					3										
	* EGR 224 Intro Dig Sys Design					3			* CIS 163 Comp Sci II					4										
	* CIS 159 Java for C Programmers					1			* EGR 214 Circuit Analysis I					4										
* EGR 226 MicroCtrl Pgm Appl					4																			
* EGR 289 Engrg Co-op Prep					1																			
4th Year	7th Semester: Fall_____					Credits	Grade	Semester Completed	Semester: Winter _____					Credits	Grade	Semester Completed	8th Semester: S/S _____					Credits	Grade	Semester Completed
	EGR 314 Circuit Analysis II					4			EGR 390 Engrg Co-op II (sws)					3			CIS 350 Software Engrg					3		
	EGR 315 Elect Circuits I					4										CIS 241 Sys-Level Prog & Util					3			
	EGR 326 Embedded Sys Des					4										CIS 263 Data Struct & Algor					3			
	GE - Issue _____					3										# GE - GP _____					3			
5th Year	Semester: Fall_____					Credits	Grade	Semester Completed	9th Semester: Winter _____					Credits	Grade	Semester Completed	10th Semester: S/S _____					Credits	Grade	Semester Completed
	EGR 490 Engrg Co-op III					3			CIS 452 Oper Systems					4			EGR 486 Sr Project II					2		
									CE Elec _____					3/4			CE Elec _____					3/4		
									CE Elec _____					3/4			GE - Issue _____					3		
									EGR 485 Sr Project I					1			GE - US _____					3		

PCEC Student Services: (616)331-6025

- * Engineering Foundation course
- ^ Not required, but recommended for success.
- + Students may enroll in PHY 231 (Physics II) 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 GP 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 in each Foundation course.**

- 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.