

Study Plan for B.S.E., COMPUTER ENGINEERING Major

(2017-18 Catalog) (MTH 124 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 124 Functions & Models			5	* MTH 201 Calculus I					4	* CHM 115 Chemistry I			4	* EGR 106 Intro to Egr Design I				3	GE - Arts			3												
	* WRT 150 Writ Strategies			4	* CHM 115 Chemistry I					4	* EGR 106 Intro to Egr Design I			3	GE - Arts				3																
	^ EGR 100 Intro to Engrg			1	* EGR 106 Intro to Egr Design I					3	GE - Arts			3																					
	^ EGR 180 Intro Engrg Prob Solv			3																															
GE - Hist			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 202 Calculus II			4	* MTH 203 Calculus III					4	* STA 220 Engrg Statistics			2	* EGR 220 Engrg Stats Lab				1																
	* EGR 107 Intro to Egr Design II			3	* STA 220 Engrg Statistics					2	* EGR 220 Engrg Stats Lab			1																					
	@ GE - P & L (PHI 102 Ethics)			3	* PHY 230 Physics I					5	# GE - WP			3																					
	• GE-SBS			3																															
3rd Year	5th Semester: Fall_____						Credits	Grade	Semester Completed	6th Semester: Winter _____						Credits	Grade	Semester Completed	Semester: S/S _____						Credits	Grade	Semester Completed								
	+ * PHY 234/1 Physics II			4/5	* MTH 302 Lin Alg & DEQ					4	* EGR 223 Probab & Signals			3	* EGR 214 Circuit Analysis I				4	EGR 290 Engrg Co-op I			3												
	* EGR 224 Intro Dig Sys Design			3	* EGR 223 Probab & Signals					3	* EGR 214 Circuit Analysis I			4																					
	* CIS 159 Java for C Programmers			1	* CIS 163 Comp Sci II					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	GE - Issue			3	CIS 350 Software Engrg				3	CIS 241 Sys-Level Prog & Util			3												
	EGR 315 Elect Circuits I			4											CIS 263 Data Struct & Algo				4																
	EGR 326 Embedded Sys Des			4											% ECO 210/211 Economics				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	CE Elec			3/4	CE Elec				3/4	EGR 486 Sr Project II			2												
	GE - Issue			3	CE Elec					3/4					GE - LS				3																
					EGR 485 Sr Project I					1					GE - US				3																

PCEC Student Services: (616)331-6025

- \* Engineering Foundation course
- + Students may enroll in PHY 231 (Physics II) instead of PHY 234
- ^ Not required, but strongly recommended for success. Students are advised to take either EGR 100 or EGR 180.
- 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 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.