

Study Plan for B.S.E., ELECTRICAL ENGINEERING Major
(2018-19 Catalog) (MTH 201 Placement - 4 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
1st Year	*	MTH	201	Calculus I	4	_____		*	MTH	202	Calculus II	4	_____					
	*	WRT	150	Writ Strategies	4	_____		*	PHY	230	Physics I	5	_____					
	*	EGR	106	Intro to Egr Design I	3	_____		*	EGR	107	Intro to Egr Design II	3	_____					
	*	CHM	115	Chemistry I	4	_____		*	STA	220	Engrg Statistics	2	_____					
						_____		*	EGR	220	Engrg Stats Lab	1	_____					
2nd Year	3rd Semester: Fall _____			Credits	Grade	Semester Completed	4th Semester: Winter _____			Credits	Grade	Semester Completed	Semester: S/S _____			Credits	Grade	Semester Completed
2nd Year	*	MTH	203	Calculus III	4	_____		*	MTH	302	Lin Alg & DEQ	4	_____					
	+	PHY	234/1	Physics II	4/5	_____		*	EGR	223	Probab & Signals	3	_____					
	*	EGR	224	Intro Dig Sys Design	3	_____		*	EGR	257	Elect Mat'ls & Devices	4	_____					
	*	EGR	226	MicroCtrl Pgm Appl	4	_____		*	EGR	214	Circuit Analysis I	4	_____					
	*	EGR	289	Engrg Co-op Prep	1	_____												

3rd Year	5th Semester: Fall _____			Credits	Grade	Semester Completed	Semester: Winter _____			Credits	Grade	Semester Completed	6th Semester: S/S _____			Credits	Grade	Semester Completed
3rd Year		EGR	314	Circuit Analysis II	4	_____		EGR	390	Engrg Co-op II (SWS)	3	_____		EGR	330	Power Systems	4	_____
		EGR	315	Elect Circuits I	4	_____		GE - Issue			3	_____		EGR	343	Applied E/M	4	_____
		EGR	326	Embedded Sys Des	4	_____								EGR	323	Signals & Sys	3	_____
	#	GE - GP			3	_____							%	ECO	210/211	Economics	3	_____
						_____								GE - Arts		3	_____	
4th Year	Semester: Fall _____			Credits	Grade	Semester Completed	7th Semester: Winter _____			Credits	Grade	Semester Completed	8th Semester: S/S _____			Credits	Grade	Semester Completed
4th Year		EGR	490	Engrg Co-op III	3	_____		EE	Elec		3/4	_____		EGR	486	Sr Project II	2	_____
		EE	Elec		3/4	_____		EE	Elec		3/4	_____		EE	Elec		3/4	_____
						_____		GE - Issue			3	_____		GE - LS		3	_____	
						_____		EGR	485	Sr Project I	1	_____		GE - Hist		3	_____	
						_____	@	GE - P & L (PHI 102 Ethics)			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 math