

Study Plan for B.S.E., ***ELECTRICAL ENGINEERING*** Major

(2017-18 Catalog)

(MTH 201 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 201 Calculus I						4	_____	_____	* MTH 202 Calculus II						4	_____	_____	_____						_____	_____	_____
	* WRT 150 Writ Strategies						4	_____	_____	* CHM 115 Chemistry I						4	_____	_____	_____						_____	_____	_____
	* EGR 106 Intro to Egr Design I						3	_____	_____	* EGR 107 Intro to Egr Design II						3	_____	_____	_____						_____	_____	_____
	GE - Hist _____						3	_____	_____	GE - Arts _____						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 203 Calculus III						4	_____	_____	* MTH 302 Lin Alg & DEQ						4	_____	_____	_____						_____	_____	_____
	* PHY 230 Physics I						5	_____	_____	+ * PHY 234/1 Physics II						4/5	_____	_____	_____						_____	_____	_____
	* STA 220 Engrg Statistics						2	_____	_____	% ECO 210/211 Economics						3	_____	_____	_____						_____	_____	_____
	* EGR 220 Engrg Stats Lab						1	_____	_____	# GE - WP _____						3	_____	_____	_____						_____	_____	_____
3rd Year	5th Semester: Fall_____						Credits	Grade	Semester Completed	6th Semester: Winter _____						Credits	Grade	Semester Completed	Semester: S/S _____						Credits	Grade	Semester Completed
	* EGR 224 Intro Dig Sys Design						3	_____	_____	* EGR 223 Probab & Signals						3	_____	_____	EGR 290 Engrg Co-op I						3	_____	_____
	* EGR 226 MicroCtrl Pgm Appl						4	_____	_____	* EGR 257 Elect Mat'ls & Devices						4	_____	_____	_____						_____	_____	_____
	* EGR 214 Circuit Analysis I						4	_____	_____	• GE-SBS _____						3	_____	_____	_____						_____	_____	_____
	* EGR 289 Engrg Co-op Prep						1	_____	_____	GE - US _____						3	_____	_____	_____						_____	_____	_____
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	_____	_____	EGR 330 Power Systems						4	_____	_____
	EGR 315 Elect Circuits I						4	_____	_____									EGR 343 Applied E/M						4	_____	_____	
	EGR 326 Embedded Sys Des						4	_____	_____									EGR 323 Signals & Sys						3	_____	_____	
	GE - Issue _____						3	_____	_____									GE - LS _____						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	_____	_____	EE Elec _____						3/4	_____	_____	EGR 486 Sr Project II						2	_____	_____
	EE Elec _____						3/4	_____	_____	EE Elec _____						3/4	_____	_____	EE Elec _____						3/4	_____	_____
										EGR 485 Sr Project I						1	_____	_____	GE - Hist _____						3	_____	_____
																		GE - Issue _____						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 thread with MTH 202.