

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

(2017-18 Catalog) (MTH 201 Placement with Honors - MOE - 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	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	
	* 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	_____	_____	_____	_____	_____	_____	_____	_____	_____		
	HNR	217	MOE I	3	_____	_____	* EGR	220	Engrg Stats Lab	1	_____	_____	_____	_____	_____	_____	_____	_____	_____		
					_____	_____	HNR	218	MOE II	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	_____	_____	_____	_____	_____	_____	_____	_____	_____		
	% ECO	210/211	Economics	3	_____	_____	* PHY	230	Physics I	5	_____	_____	_____	_____	_____	_____	_____	_____	_____		
	HNR	227	MOE III	3	_____	_____	HNR	228	MOE IV	3	_____	_____	_____	_____	_____	_____	_____	_____	_____		
	HNR	SBS/US	_____	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	_____	_____	* EGR	223	Prob & Signals	3	_____	_____	EGR	290	Engrg Co-op I	3	_____	_____	_____		
	* EGR	226	MicroCtrl Pgm Appl	4	_____	_____	* EGR	257	Elect Mat'l's & Devices	4	_____	_____	_____	_____	_____	_____	_____	_____	_____		
	* EGR	224	Intro Dig Sys Design	3	_____	_____	* EGR	214	Circuit Analysis I	4	_____	_____	_____	_____	_____	_____	_____	_____	_____		
	* EGR	289	Engrg Co-op Prep	1	_____	_____	GE - LS	_____	_____	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	_____	_____	_____	_____		
												HNR	Jr Seminar	_____	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	_____	_____									
											_____	_____									

PCEC Student Services: (616)331-6025

- * Engineering Foundation course
- + Students may enroll in PHY 231 instead of PHY 234
- % 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.