

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

Minor: _____

Student Name: _____

(2018-19 Catalog) (MTH 201 Placement with Honors Alliance and Conflict - 5 Year Program)

 Student ID#: G

1st Year	1st Semester: Fall _____					2nd Semester: Winter _____					Semester: S/S _____								
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed	
	*	MTH	201	Calculus I	4	_____	_____	*	MTH	202	Calculus II	4	_____	_____		_____	_____	_____	_____
	*	CHM	115	Chemistry I	4	_____	_____	*	EGR	106	Intro to Egr Design I	3	_____	_____		_____	_____	_____	_____
		HNR	260		3	_____	_____		HNR	261		3	_____	_____		_____	_____	_____	_____
	HNR	201	Live, Learn, Lead	3	_____	_____		HNR	262		3	_____	_____		_____	_____	_____	_____	
2nd Year	3rd Semester: Fall _____					4th Semester: Winter _____					Semester: S/S _____								
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed	
	*	MTH	203	Calculus III	4	_____	_____	*	MTH	302	Lin Alg & DEQ	4	_____	_____		_____	_____	_____	_____
	*	EGR	107	Intro to Egr Design II	3	_____	_____	+	*	PHY	231	Physics II	5	_____	_____		_____	_____	_____
	*	PHY	230	Physics I	5	_____	_____	%	ECO	210/211	Economics	3	_____	_____		_____	_____	_____	_____
	* STA	220	Engrg Statistics	2	_____	_____													
	* EGR	220	Engrg Stats Lab	1	_____	_____													
3rd Year	5th Semester: Fall _____					6th Semester: Winter _____					Semester: S/S _____								
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed	
	*	EGR	226	MicroCtrl Pgm Appl	4	_____	_____	*	EGR	223	Probab & Signals	3	_____	_____	EGR 290	Engrg Co-op I	3	_____	_____
	*	EGR	214	Circuit Analysis I	4	_____	_____	*	EGR	257	Elect Mat'l's & Devices	4	_____	_____		_____	_____	_____	_____
	*	EGR	224	Intro Dig Sys Design	3	_____	_____		HNR	LS	_____	3	_____	_____		_____	_____	_____	_____
	* EGR	289	Engrg Co-op Prep	1	_____	_____	\$	HNR	US	_____	3	_____	_____		_____	_____	_____	_____	
4th Year	7th Semester: Fall _____					Semester: Winter _____					8th Semester: S/S _____								
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				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. Sem	_____	3	_____	_____	
5th Year	Semester: Fall _____					9th Semester: Winter _____					10th Semester: S/S _____								
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				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
- + Engineering Physics II (PHY 234) is available in fall only.
- # The Jr. Seminar fulfills one Issues and one SWS requirement.
HNR 312 will also fulfill US Diversity.
Junior Seminars can be taken when students have >= 45 credits. Online seminars offered each semester.
- % ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS Honors requirement.
- \$ HNR US Diversity requirement can be met with a Jr. Seminar (HNR 312).
- & Completion of EGR 485 and 486 will fulfill the HNR 499 Senior Project requirement.

If students do not have Advanced Placement credit applicable to the engineering curriculum, e.g., Calculus, Physics, and/or Chemistry, it is strongly recommended that they consider a 5-year plan.

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.