

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

Minor: _____

Student Name: _____

(2019-20 Catalog) (MTH 201 Placement with Honors Alliance and Conflict - 5 Year Program)

 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	_____	_____	_____	_____	_____	_____	_____	_____
	* CHM	115	Chemistry I	4	_____	_____	* EGR	106	Intro to Egr Design I	3	_____	_____	_____	_____	_____	_____	_____	_____
	HNR	280		3	_____	_____	HNR	280		3	_____	_____	_____	_____	_____	_____	_____	_____
	HNR	201	Live, Learn, Lead	3	_____	_____	HNR	280		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	_____	_____	_____	_____	_____	_____	_____	_____
	* 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	Statistical Modeling	2	_____	_____							_____	_____	_____	_____	_____	_____
3rd Year	* EGR	220	Measure/Data Analysis	1	_____	_____							_____	_____	_____	_____	_____	_____
	5th Semester: Fall _____			Credits	Grade	Semester Completed	6th Semester: Winter _____			Credits	Grade	Semester Completed	Semester: S/S _____			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	_____	_____	* CIS	163	Comp Sci II	4	_____	_____						
	* EGR	224	Intro Dig Sys Design	3	_____	_____	HNR	LS	_____	3	_____	_____						
4th Year	* CIS	159	Java for C Programmers	1	_____	_____	\$ HNR	US	_____	3	_____	_____						
	* EGR	289	Engrg Co-op Prep	1	_____	_____												
	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	_____	_____	CIS	350	Software Engrg	3	_____	_____
	EGR	315	Elect Circuits I	4	_____	_____							CIS	241	Sys-Level Prog & Util	3	_____	_____
5th Year	EGR	326	Embedded Sys Des	4	_____	_____							CIS	263	Data Struct & Algor	3	_____	_____
													# HNR	Jr. Sem	_____	3	_____	_____
	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	_____	_____	& EGR	486	Sr Project II	2	_____	_____
							CE	Elec	_____	3/4	_____	_____	CE	Elec	_____	3/4	_____	_____
							CE	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 HNR 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.