

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

(2016-17 Catalog) (MTH 201 Placement with Honors - 5 Year Program)

Minor: _____

Student Name: _____

 Student ID#: *G* _____

1st Year	1st Semester: Fall _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>	2nd Semester: Winter _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>	Semester: S/S _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>
	* MTH	201	Calculus I	4	_____	_____	* MTH	202	Calculus II	4	_____	_____	_____	_____	_____	_____	_____	_____
	HNR	217	MOE I	3	_____	_____	* EGR	107	Intro to Egr Design II	3	_____	_____	_____	_____	_____	_____	_____	_____
	* EGR	106	Intro to Egr Design I	3	_____	_____	* STA	220	Engrg Statistics	2	_____	_____	_____	_____	_____	_____	_____	_____
	* CHM	115	Chemistry I	4	_____	_____	* EGR	220	Engrg Stats Lab	1	_____	_____	_____	_____	_____	_____	_____	_____
							HNR	218	MOE II	3	_____	_____						
2nd Year	3rd Semester: Fall _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>	4th Semester: Winter _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>	Semester: S/S _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>
	* 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	_____	3	_____	_____					_____	_____						
3rd Year	5th Semester: Fall _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>	6th Semester: Winter _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>	Semester: S/S _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>
	⁺ * PHY	234/1	Physics II	4/5	_____	_____	* CIS	163	Comp Sci II	4	_____	_____	EGR 290	Engrg Co-op I	3	_____	_____	_____
	* EGR	214	Circuit Analysis I	4	_____	_____	* EGR	223	Probab & Signals	3	_____	_____	_____	_____	_____	_____	_____	_____
	* CIS	162	Comp Sci I	4	_____	_____	* EGR	226	Intro Digital Sys	4	_____	_____	_____	_____	_____	_____	_____	_____
	* EGR	289	Engrg Co-op Prep	1	_____	_____	GE - LS	_____	_____	3	_____	_____						
4th Year	7th Semester: Fall _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>	Semester: Winter _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>	8th Semester: S/S _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>
	EGR	314	Circuit Analysis II	4	_____	_____	EGR 390	Engrg Co-op II	3	_____	_____	CIS	350	Software Engrg	3	_____	_____	_____
	EGR	315	Elect Circuits	4	_____	_____	_____	_____	_____	_____	CIS	361	Systems Prog	3	_____	_____	_____	_____
	EGR	326	Embedded Sys Des	4	_____	_____					CIS	263	Data Struct & Algor	3	_____	_____	_____	_____
5th Year	Semester: Fall _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>	9th Semester: Winter _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>	10th Semester: S/S _____			<i>Credits</i>	<i>Grade</i>	<i>Semester Completed</i>
	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
- + Students may enroll in PHY 231 (Physics II) instead of PHY 234
- % ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS GenEd 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 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.