

1st Year	1st Semester: Fall_____						2nd Semester: Winter _____						Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed
	* MTH	123	Trigonometry	3	_____	_____	* MTH	201	Calculus I	4	_____	_____	_____			_____	_____	_____
	* WRT	150	Writ Strategies	4	_____	_____	* CHM	115	Chemistry I	4	_____	_____	_____			_____	_____	_____
	^ EGR	180	Intro Engrg Prob Solv	3	_____	_____	* EGR	106	Intro to Egr Design I	3	_____	_____	_____			_____	_____	_____
GE - Hist			_____	3	_____	GE - Arts			_____	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	202	Calculus II	4	_____	_____	* MTH	203	Calculus III	4	_____	_____	_____			_____	_____	_____
	* EGR	107	Intro to Egr Design II	3	_____	_____	* STA	220	Engrg Statistics	2	_____	_____	_____			_____	_____	_____
	@ GE - P & L (PHI 102 Ethics)				3	_____	* EGR	220	Engrg Stats Lab	1	_____	_____	_____			_____	_____	_____
• GE-SBS			_____	3	_____	# GE - WP			_____	3	_____							
3rd Year	5th Semester: Fall_____						6th Semester: Winter _____						Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed
	+ * PHY	234/1	Physics II	4/5	_____	_____	* MTH	302	Lin Alg & DEQ	4	_____	_____	EGR 290 Engrg Co-op I			3	_____	_____
	* EGR	209	Mech & Mach	4	_____	_____	* EGR	309	Mach Design I	4	_____	_____	_____			_____	_____	_____
	* EGR	226	MicroCtrl Pgm Appl	4	_____	_____	* EGR	312	Dynamics	3	_____	_____						
* EGR			289	Engrg Co-op Prep	1	_____	* EGR			214	Circuit Analysis I	4	_____					
4th Year	7th Semester: Fall_____						Semester: Winter _____						8th Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed
	EGR	250	Mat Sci & Engrg	4	_____	_____	EGR 390 Engrg Co-op II (sws)			3	_____	_____	EGR 365 Fluid Mechanics			4	_____	_____
	EGR	346	Mechatronics & Ctrl	4	_____	_____	_____			_____	_____	EGR 409 Mach Design II			4	_____	_____	
	EGR	360	Thermodynamics	4	_____	_____						EGR 329 FEA			3	_____	_____	
GE - Issue			_____	3	_____						% ECO 210/211 Economics			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	_____	_____	EGR	468	Heat Transfer	4	_____	_____	EGR 486 Sr Project II			2	_____	_____
	GE - Issue			_____	3	_____	ME Elec			_____	4	_____	ME Elec			_____	4	_____
						ME Elec			_____	4	_____	GE - LS			_____	3	_____	
						EGR			485	Sr Project I	1	_____	GE - US			_____	3	_____

PCEC Student Services: (616)331-6025

- * Engineering Foundation course
- + Students may enroll in PHY 231 instead of PHY 234
- ^ Not required, but strongly recommended for success. Students are advised to take either EGR 100 or EGR 180.
- 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 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.