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|----------|-------------------------|-----------|---------------------|-----------------------|------------|-----|---------|-------|--------------------|----------------------------|------------|-----------|----------------------|------------------------|---|---------|-------|--------------------|--------------------------|--|--|--|--|--|---------|-------|--------------------|
| 1st Year | 1st Semester: Fall_____ | | | | | | Credits | Grade | Semester Completed | 2nd Semester: Winter _____ | | | | | | Credits | Grade | Semester Completed | Semester: S/S _____ | | | | | | Credits | Grade | Semester Completed |
| | \$ | MTH | 122 | College Algebra | 3 | | | | | | MTH | 123 | Trigonometry | 3 | | | | | | | | | | | | | |
| | * | WRT | 150 | Writ Strategies | 4 | | | | | | * | CHM | 115 | Chemistry I | 4 | | | | | | | | | | | | |
| | ^ | EGR | 100 | Intro to Engrg | 1 | | | | | | | GE - Hist | | | 3 | | | | | | | | | | | | |
| | | GE - Arts | | | 3 | | | | | | | GE - LS | | | 3 | | | | | | | | | | | | |
| | • | GE-SBS | | | 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 | 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 | | | | | | | | | | | | |
| | % | ECO | 210/211 | Economics | 3 | | | | | | * | PHY | 230 | Physics I | 5 | | | | | | | | | | | | |
| | # | GE - WP | | | 3 | | | | | | * | STA | 220 | Engrg Statistics | 2 | | | | | | | | | | | | |
| | | | | | | | | | | * | EGR | 220 | Engrg Stats Lab | 1 | | | | | | | | | | | | | |
| 3rd Year | 5th Semester: Fall_____ | | | | | | Credits | Grade | Semester Completed | 6th Semester: Winter _____ | | | | | | Credits | Grade | Semester Completed | Semester: S/S _____ | | | | | | Credits | Grade | Semester Completed |
| | * | MTH | 203 | Calculus III | 4 | | | | | | * | MTH | 302 | Lin Alg & DEQ | 4 | | | | | | | | | | | | |
| | + | * | PHY | 234/1 | Physics II | 4/5 | | | | | * | EGR | 223 | Probab & Signals | 3 | | | | | | | | | | | | |
| | * | EGR | 224 | Intro Dig Sys Design | 3 | | | | | | * | EGR | 257 | Elect Mat'ls & Devices | 4 | | | | | | | | | | | | |
| | * | EGR | 226 | MicroCtrl Pgm Appl | 4 | | | | | | * | EGR | 214 | Circuit Analysis I | 4 | | | | | | | | | | | | |
| | * | EGR | 289 | Engrg Co-op Prep | 1 | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 315 | Elect Circuits I | 4 | | | | | | | GE - Issue | | | 3 | | | | | | | | | | | | | |
| | EGR | 326 | Embedded Sys Des | 4 | | | | | | | | | | | | | | | | | | | | | | | |
| | GE - Issue | | | 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 | | | | | | | | | | | | | |
| | EE | Elec | | 3/4 | | | | | | | EE | Elec | | 3/4 | | | | | | | | | | | | | |
| | | | | | | | | | | | EGR | 485 | Sr Project I | 1 | | | | | | | | | | | | | |
| | | | | | | | | | | | GE - US | | | 3 | | | | | | | | | | | | | |

PCEC Student Services: (616)331-6025

- *

Engineering Foundation course
- \$

Students may elect to take MTH 124 (180) for 5 cr instead of MTH 122 and MTH 123
- +

Students may enroll in PHY 231 instead of PHY 234
- ^

Not required, but strongly recommended for success
- 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**

- 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.