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<td>MTH 112 College Algebra</td>
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<td>EGR 203 Calculus III</td>
<td>MTH 309 Mach Design I</td>
<td>EGR 290 Engrg Co-op I</td>
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<td>EGR 490 Engrg Co-op III</td>
<td>EGR 486 Sr Project II</td>
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### Notes
- **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.

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### Study Plan for B.S.E., PRODUCT DESIGN & MANUFACTURING ENGINEERING Major

- Engineering Foundation course
- Students may enroll in PHY 231 instead of PHY 234
- Not required, but strongly recommended for success
- SOC 105 recommended (covers SBS and US)
- Issues courses as well. Prereq for ANT 340 is another WP or US Diversity course.
- 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 GenEd requirement.

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**PCEC Student Services:** (616)331-6025

- 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.