### Study Plan for B.S.E., MECHANICAL ENGINEERING Major

#### (2015-16 Catalog) (MTH 201 Placement - 4 Year Program) Minor:  
#### Student Name:  
#### Student ID#: G

|----------|----------------------|----------|----------------------|-------------------|-------------------|----------------------|------------------|
| * MTH 201 Calculus I | * MTH 202 Calculus II | 5th Semester: Fall | * MTH 302 Lin Alg & DEQ | EGR 250 Mat Sci & Engrg | EGR 468 Heat Transfer | EGR 486 Sr Project II | **Secondary Admissions Criteria:**  
| 4          | 6          | 3          | 4          | 3          | 4          | 2          | - A GPA of 2.7 or above in the Engineering Foundation courses  
| * WRT 150 Writ Strategies | * PHY 230 Physics I | 6th Semester: S/S | * EGR 309 Mach Design I | GE - Issue | ME Elec | ME Elec | - 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.**  
| 4          | 5          | 4th Semester: Winter | 4          | 3          | 4          | 2          | - Completion of preparation for placement in the cooperative engineering education, EGR 289  
| * EGR 106 Intro to Egr Design I | * EGR 107 Intro to Egr Design II | * EGR 312 Dynamics | 4          | 3          | 4          | 2          | **Recommendation:**  
| 3          | 3          | 4          | 3          | 3          | 4          | 2          | 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.  
| * CHM 115 Chemistry I | * STA 220 Engrg Statistics | * EGR 214 Circuit Analysis I | * GE - P & L (PHI 102 Ethics) | 4          | 3          | 2          |  
| 4          | 2          | 4          | 3          | 4          | 3          | 2          |  

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

* Engineering Foundation course  
+ Students may enroll in PHY 231 instead of PHY 234  
* SOC 205 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.

- 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.