Study Plan for B.S.E., INTERDISCIPLINARY ENGINEERING & Engineering Management emphasis **Student Name:** Student ID#: G(2018-19 Catalog) (MTH 122 Placement - 5 Year Program) Semester Semester Semester 2nd Semester: Winter Semester: S/S_ 1st Semester: Fall Grade Completed Completed Completed MTH 122 College Algebra MTH 123 Trigonometry * WRT 150 Writ Strategies CHM 115 Chemistry I ^ EGR 100 Intro to Engrg GE - HP GE - Arts GE - LS GE-SBS Semester Semester Semester 4th Semester: Winter 3rd Semester: Fall Completed Completed Semester: S/S ____ Completed Grade Grade * MTH 201 Calculus I 202 Calculus II * EGR 106 Intro to Egr Design I 107 Intro to Egr Design II Physics I % ECO 210/211 Economics 230 PHY @ GE - P & L (PHI 102 Ethics) STA 220 Statistical Modeling EGR 220 Measure/Data Analysis Semester Semester Semester 5th Semester: Fall Completed 6th Semester: Winter Completed Semester: S/S ____ Completed Grade Grade Grade * MTH 203 Calculus III MTH 302 Lin Alg & DEO EGR 290 Engrg Co-op I + * PHY 234/1 Physics II 309 Machine Design I * EGR 209 Mech & Mach 250 Material Sci & Egr * EGR 226 MicroCtrl Pgm Appl 4 EGR 214 Circuit Analysis I * EGR 289 Engrg Co-op Prep Semester Semester Semester 7th Semester: Fall Grade Completed Semester: Winter Grade Completed 8th Semester: S/S Grade Completed EGR 345 Dyn Sys Mod EGR 390 Engrg Co-op II (SWS) 3 EGR 362 Thermo-Fluids EGR 367 Mfg Processes EGR 440 Production Models ACC 212 Principles of Fin Acc 3 EGR 441 Engrg Econ/OC/Mfg Ops BUS 201 Legal Env for Bus ACC 213 Financial Acct Semester Semester Semester Semester: Fall___ Grade Completed 9th Semester: Winter Completed 10th Semester: S/S Grade Completed EGR 490 Engrg Co-op III EGR 485 Sr Project I EGR 486 Sr Project II 5th Year 320 Managerial Fin MKT 350 Marketing MGT MGT 331 Concepts of Mgt # GE - GP

GE - Issue _

GE - US

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
- Consider taking a course that doubles as SBS and US (See Gen Ed guide for selections)
- Consider taking a course that doubles as GP 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).
- ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS Gen Ed requirement.

Secondary Admissions Criteria:

GE - Issue

- 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