



4-Year Degree Map for Engineering Technology (Mechanical Engineering Technology)

| Year | Fall | Credits | Spring | Credits |
|------------------|--|--|--|--|
| Freshman | IET 154 Engineering Design Graphics MTH 130 Pre-Calculus Math ENG 101 Freshman Composition EGR 120 Intro to Engineering UP Group IVA Total: | (3) (4) (3) (3) (3) 16 | IET 170 Metal Technology MTH 132 Calculus I Oral English CPS 180 Prin. Of Computer Programming UP Group IIIB Total: | (3) (4) (3) (3) (3) 16 |
| Sophomore | PHY 130 College Physics I PHY 170 College Physics I lab IET 291 Applied Electronics ENG 201 Intermediate Composition IET 359 Parametric Design and Modeling Total: | (4) (1) (3) (3) (3) 14 | PHY 131 College Physics II PHY 171 College Physics II lab IET 279 Applied Statics IET 284 Fluid Power Technology UP Group IVB Total: | (4) (1) (3) (3) (3) 14 |
| Junior | CHM 1131 Intro to Chemistry IET 379 Mechanics of Materials IET 350 Mechanism Design STA 282 Introduction to Statistics UP Group IB Total: | (4) (3) (3) (3) (3) 16 | IET 365 Plastics Technology IET 351 Dynamics UP Group IIA UP Group IIIB UP Group IA Total: | (3) (3) (3) (3) (3) 15 |
| Senior | IET 356 Thermodynamics IET 454 Mechanical Design Problems IET 375 Robotics IET Technical Elective UP Group IIB Total: | (3) (3) (3) (3) (3) 15 | IET 450 Machine Design Graphics IET Technical Elective UP Group IIIA UP Group IIIA UP Group IVC Total: | (3) (3) (3) (3) (3) 15 |

Courses in bold type indicate required course for the Mechanical Engineering Technology Major.