

4-Year Degree Map for Industrial Technology Management: Mechanical Design Technology

| Year | Fall | Credits | Spring | Credits |
|-----------|--|---|---|---|
| Freshman | <i>IET 154 Engineering Design Graphics</i> CPS 110 Information Tech Programming I ENG 101 Freshman Comp UP Group IIIA UP Group IVA <div style="text-align: right;">Total:</div> | (3) (3) (3) (3) (3) 15 | <i>IET 170 Metal Technology</i> Oral English <i>MTH 106 Plane Trigonometry</i> UP Group IIIB UP Group IVC <div style="text-align: right;">Total:</div> | (3) (3) (3) (3) (3) 15 |
| Sophomore | <i>IET 180 Power and Energy Technology</i> UP Group IB ENG 201 Intermediate Composition <i>STA 282 Introduction to Statistics</i> UP Group IA <div style="text-align: right;">Total:</div> | (3) (3) (3) (3) (3) 15 | <i>CHM 120 Survey of Chemistry</i> ¹ IET 359 Parametric Design and Modeling UP Group IVB ² <i>ENG 303 Technical Writing</i> Free Elective <div style="text-align: right;">Total:</div> | (4) (3) (3) (3) (3) 16 |
| Junior | IET 455 Tool Design IET 450 Machine Design Graphics <i>IET 327 Industrial Safety</i> <i>PHY 130 College Physics</i> ³ <i>PHY 170 College Physics Laboratory</i> ³ Technical Elective <div style="text-align: right;">Total:</div> | (3) (3) (3) (4) (1) (3) 17 | <i>IET 365 Plastics Technology</i> IET 350 Mechanism Design IET 451 Geometric Dimensioning and Tol. UP Group IIA Free Elective <div style="text-align: right;">Total:</div> | (3) (3) (3) (3) (3) 15 |
| Senior | IET 458 Surface Modeling <i>IET 501 Application of Industrial Mgmt Principles</i> Technical Elective Free Elective Free Elective <div style="text-align: right;">Total:</div> | (3) (3) (3) (3) (3) 15 | IET 457 Computer-Aided Design <i>IET 400 Senior Seminar</i> <i>IET 500 Production Concepts</i> Free Elective Free Elective Free Elective <div style="text-align: right;">Total:</div> | (3) (3) (3) (1) (3) (3) 16 |

Courses in italic type indicate Program Core.

Courses in bold type indicate required course for the Mechanical Design Technology Concentration.

****THIS IS ONLY AN ADVISING TOOL, MAJORS MUST BE INDIVIDUALLY SIGNED AND UNIVERSITY APPROVED FOR GRADUATION.****

¹ Fulfills UP Group Elective

² Study Abroad Courses meeting Senate Subcommittee Approval may count for this area

³ Fulfills UP Group IIB