



4-Year Degree Map for Engineering Technology (Manufacturing 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 327 Industrial Safety IET 326 Manufacturing Methods Analysis STA 282 Introduction to Statistics UP Group IB Total:	(4) (3) (3) (3) (3) 16	IET 365 Plastics Technology IET 428 Manufacturing Quality IET 500 Production Concepts UP Group IIA UP Group IIIB Total:	(3) (3) (3) (3) (3) 15
Senior	IET 377 Numerical Control Programming IET 375 Robotics IET Technical Elective UP Group IIB Group IA UP Total:	(3) (3) (3) (3) (3) 15	IET 426 Plant Layout and Materials Handling IET Technical Elective UP Group IIIA UP Group IIIA UP Group IVC Total:	(3) (3) (3) (3) (3) 12

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