



METROPOLITAN STATE UNIVERSITYSM
OF DENVER
College of Professional Studies

Mechanical Engineering Technology, B.S. - Manufacturing Concentration
 Minor (not required)
 Fall 2016 catalog year

First Year		
Fall: 16 Credits	ENG 1010 (3) Composing Arguments (F, S, Su)	
	MET 1010 (3) Manufacturing Processes (F, S)	
	MET 1200 (3) Technical Drawing I (F, S)	
	MTH 1400 (4) Pre-Calculus (F, S, Su)	
	MET 1000 (3) Intro to Mechanical Engineering Tech. (F, S) OR MET 1040 (3) Introduction to Engineering (F, S)	
Spring: 17 Credits	MET 1210 (3) 3D Modeling (F, S)	
	MET 1310 (3) Principles of Quality Assurance (F, S)	
	CAS 1010 (3) Public Speaking (F, S, Su)	
	CHE 1100 (4) Principles of Chemistry AND CHE 1150 (1) Principles of Chemistry Lab (F, S, Su)	
	MTH 1410 (4) Calculus I (F, S, Su)	

Third Year		
Fall: 16 Credits	CET 3135 (4) Mechanics of Materials with Laboratory (F, S)	
	MET 3110 (3) Thermodynamics (F, S)	
	MET 3160 (3) Mechanics II-Dynamics (F, S)	
	EET 2000 (3) Electric Circuits and Machines (F, S)	
	Historical (3) MC recommended	
Spring: 13 Credits	MET 3100 (3) N/C Computer Programming (S)	
	MET 3185 (3) Fluid Mechanics I (F, S)	
	MET 3410 (3) Geometric Dimensioning & Tolerancing (F, S)	
	EET 3010 (4) Industrial Electronics OR EET 3730 (2) Process Control Systems AND EET 3740 (2) Programmable Logic Controllers	

Second Year		
Fall: 18 Credits	MET 2200 (3) Materials of Engineering (F, S)	
	ENG 1020 (3) Freshman Comp: Anly, Rsrch, & Doc (F, S, Su)	
	MTH 2410 (4) Calculus II (F, S, Su)	
	PHY 2311 (4) General Physics I AND PHY 2321 (1) General Physics I Laboratory (F, S, Su)	
	EET 2350 (3) Advanced Technical Programming	
Spring: 17 Credits	CET 2150 (3) Mechanics I-Statics (F, S)	
	COM 2610 (3) Introduction to Technical Writing (F, S, Su)	
	ECO 2020 (3) Principles of Microeconomics (F, S, Su)	
	PHY 2331 (4) General Physics II AND PHY 2341 (1) General Physics II Laboratory (F, S, Su)	
	PHI 1030 (3) Introduction to Ethics OR PHI 3360 (3) Business Ethics	

Fourth Year		
Fall: 17 Credits	MET 3000 (4) Manufacturing Analysis (F)	
	MET 3250 (3) Tool Design and Production Tooling (F)	
	MET 3330 (3) Robotics for Manufacturing (F)	
	MET 4000 (3) Project Engineering (F)	
	Arts and Humanities (3) MET 4100 (1) Senior Project I (Sr. Exp.)	
Spring: 14 Credits	MET 3300 (3) Statistical Process Control (S)	
	MET 4080 (3) Computer Aided Manufacturing (S)	
	MET 4110 (2) Senior Project II (Sr. Exp.)	
	MET upper-division elective (3)	
	Social and Behavioral Science I (3) IND 2810 is recommended GD	