



METROPOLITAN STATE UNIVERSITYSM
OF DENVER
College of Professional Studies

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

First Year		
Fall: 16 Credits	ENG 1010 (3) Composing Arguments (F, S, Su)	
	MET 1000 (3) Intro to Mechanical Engineering Tech. OR	
	MET 1040 (3) Introduction to Engineering (F, S)	
	MET 1010 (3) Manufacturing Processes (F, S)	
	MET 1200 (3) Technical Drawing I (F, S)	
	MTH 1400 (4) Pre-Calculus (F, S, Su)	
Spring: 18 Credits	CAS 1010 (3) Public Speaking (F, S, Su)	
	CHE 1100 (4) Principles of Chemistry I AND	
	CHE 1150 (1) Principles of Chemistry Lab I (F, S, Su)	
	MET 1210 (3) 3D Modeling (F, S)	
	MET 1310 (3) Principles of Quality Assurance (F, S)	
	MTH 1410 (4) Calculus I (F, S, Su)	

Second Year		
Fall: 18 Credits	EET 2350 (3) Advanced Technical Programming	
	ENG 1020 (3) Freshman Comp: Anly, Rsrch, & Doc (F, S, Su)	
	MET 2200 (3) Materials of Engineering (F, S)	
	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)	
Spring: 18 Credits	CET 2150 (3) Mechanics I-Statics (F, S)	
	COM 2610 (3) Introduction to Technical Writing (F, S, Su)	
	CPD 290A (1) Internship Preparation	
	ECO 2020 (3) Principles of Microeconomics (F, S, Su)	
	PHI 1030 (3) Introduction to Ethics (F, S, Su) OR	
	PHI 3360 (3) Business Ethics (F, S, Su)	
	PHY 2331 (4) General Physics II AND	
	PHY 2341 (1) General Physics II Laboratory (F, S, Su)	
Summer	Coop I	

Third Year		
Fall	Coop I Continued from Summer	
Spring: 16 Credits	CET 3135 (4) Mechanics of Materials with Laboratory (F, S)	
	EET 2000 (3) Electric Circuits and Machines (F, S)	
	MET 3100 (3) N/C Computer Programming (S)	
	MET 3110 (3) Thermodynamics (F,S)	
	MET 3160 (3) Mechanics II-Dynamics (F, S)	
Fourth Year		
Fall: 13 Credits	EET 3010 (4) Industrial Electronics (F,S) OR	
	EET 3730 (2) Process Control Systems AND	
	EET 3740 (2) Programmable Logic Controllers	
	Historical (3) MC recommended (F, S, Su)	
	MET 3185 (3) Fluid Mechanics I (F,S)	
	MET 3410 (3) Geometric Dimensioning & Tolerancing (F, S)	
Spring	Coop II	
Summer	Coop II Continued from Spring	
Fifth Year		
Fall: 17 Credits	Arts and Humanities (3) (F, S, Su)	
	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)	
	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 (F, S, Su)	