



METROPOLITAN STATE UNIVERSITYSM
OF DENVER
College of Professional Studies

Mechanical Engineering Technology, B.S. - Mechanical 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 1800 (4) General Chemistry I (F, S, Su)	
	MTH 1410 (4) Calculus I (F, S, Su)	

Second Year		
Fall: 15 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)	
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) Bussiness Ethics	

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: 16 Credits	MET 3185 (3) Fluid Mechanics I (F, S)	
	MET 3410 (3) Geometric Dimensioning & Tolerancing (F, S)	
	MET upper-division elective (3)	
	EET 2350 (3) Advanced Technical Programming	
	EET 3010 (4) Industrial Electronics (S) OR EET 3730 (2) Process Control Systems AND EET 3740 (2) Programmable Logic Controllers	

Fourth Year		
Fall: 13 Credits	MET 3070 (3) Machine Design (F)	
	MET 3125 (3) Heat Transfer with Laboratory (F)	
	MET 4000 (3) Project Engineering (F)	
	MET 4100 (1) Senior Project I (Sr. Exp.)	
	Arts and Humanities (3)	
Spring: 17 Credits	MET 3320 (3) Instrumentation Laboratory (S)	
	MET 4070 (3) Computer Aided Design (S) (Sr. Exp.)	
	MET 4280 (3) Advanced Energy Technology (S)	
	MET 4110 (2) Senior Project II	
	MET upper-division elective (3)	
	Social Behavioral I (3) IND 2810 GD recommended	