



**METROPOLITAN STATE UNIVERSITY<sup>SM</sup>**  
**OF DENVER**  
**College of Professional Studies**

Electrical Engineering Technology, B.S. - Power & Control Systems Concentration  
 Minor (not required)  
 Fall 2019 Catalog Year

First Year		
Fall: 16 Credits	EET 1001 Electronics: An Introduction (3) <b>OR</b> EET 1040 Introduction to Engineering (3)	
	Oral Communication (3)	
	MTH 1400 Pre-Calculus (4)	
	Social & Behavioral Science I (3) MC or GD recommended	
	ENG1010: Composing Arguments (3)	
Spring: 16 Credits	EET 1140 Circuits I (4)	
	MTH 1410 Calculus I (4)	
	ENG1020: Research & Argument Writing (3)	
	CHE 1100 Principles of Chemistry (4) <b>AND</b> CHE 1150 Principles of Chemistry Laboratory (1)	

Third Year		
Fall: 16 Credits	EET 3110 (4) Transform Methods in Circuit Analysis	
	EET 3330 (3) Digital Circuits II	
	EET 3410 (3) Electric Machines	
	EET 3620 (3) Analog and Digital Communications Historical (3) MC or GD recommended	
Spring: 17 Credits	EET 3120 (4) Advanced Analog Electronics	
	EET 3630 (3) Electromagnetic Fields	
	EET 3730 (2) Process Control Systems	
	EET 3740 (2) Programmable Logic Controllers	
	<b>EET 3420 (3) Electric Power Distribution (Spring)</b> EET 4370 (3) Microcontrollers	

Second Year		
Fall: 16 Credits	EET 1150 (4) Circuits II	
	EET 2340 (3) Technical Programming Applications	
	MTH 2410 (4) Calculus II	
	PHY 2311 (4) General Physics I <b>AND</b> PHY 2321 (1) General Physics I Laboratory	
Spring: 16 Credits	EET 2145 (3) Electronics <b>AND</b> EET 2165 (1) Electronics Lab	
	EET 2310 (3) Digital Circuits I	
	EET 2350 (3) Advanced Technical Programming	
	JMP 2610 (3) Introduction to Technical Writing	
	Arts & Humanities (3)	

Fourth Year		
Fall: 14 Credits	<b>EET 3430 (3) Power Generation Using Renew. Energies (Fall)</b>	
	EET 3715 (4) Control Systems Analysis	
	EET 4100 (1) Senior Project I	
	EET 4340 (3) Interface Techniques	
	Social & Behavioral Science II (3)	
Spring: 17 Credits	EET 4110 (2) Senior Project II	
	<b>EET 4710 (4) Digital Control Systems Design (Spring)</b>	
	<b>CET, MET, or EET approved electives (4)</b>	
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	PHI 1030 (3) Introduction to Ethics <b>OR</b> PHI 3360 (3) Business Ethics <b>OR</b>	