



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

Electrical Engineering Technology, B.S. - Power & Control Systems Concentration-Coop Option  
 Minor (not required)  
 Fall 2016 catalog year

First Year	
Fall: 16 Credits	CAS 1010 (3) Public Speaking (F, S, Su)
	EET 1001 (3) Electronics: An Introduction (F,S) OR EET 1040 (3) Introduction to Engineering
	ENG 1010 (3) Composing Arguments (F, S, Su)
	MTH 1400 (4) Precalculus Mathematics (F, S, Su)
	Social & Behavioral Science I (3) GD recommended (F, S, Su)
Spring: 16 Credits	CHE 1100 (4) Principles of Chemistry AND CHE 1150 (1) Principles of Chemistry Laboratory (F, S, Su)
	EET 1140 (4) Circuits I (F, S)
	ENG 1020 (3) Freshman Comp: Anly, Rsrch, & Documt (F, S, Su)
	MTH 1410 (4) Calculus I (F, S, Su)

Second Year	
Fall: 16 Credits	EET 1150 (4) Circuits II (F, S)
	EET 2340 (3) Technical Programming Applications (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: 17 Credits	Arts & Humanities (3) (F, S, Su)
	COM 2610 (3) Introduction to Technical Writing (F, S, Su)
	CPD 290A (1) Internship Preparation
	EET 2145 (3) Electronics (F, S) AND EET 2165 (1) Electronics Lab
	EET 2310 (3) Digital Circuits I (F, S)
	EET 2350 (3) Advance Technical Programing (F, S)
Summer	Coop I

Third Year	
Fall	Coop I Continued from Summer
Spring: 16 Credits	EET 3110 (4) Transform Methods in Circuit Analysis (F, S)
	EET 3330 (3) Digital Circuits II (F, S)
	EET 3410 (3) Electric Machines (F, S)
	EET 3420 (3) Electric Power Distribution (S)
	EET 3620 (3) Analog and Digital Communications (F, S)

Fourth Year	
Fall: 17 Credits	EET 3120 (4) Advanced Analog Electronics (F, S)
	EET 3630 (3) Electromagnetic Fields (F, S)
	EET 3730 (2) Process Control Systems (F, S)
	EET 3740 (2) Programmable Logic Controllers (F, S)
	EET 4370 (3) Microcontrollers (F, S)
Spring	Coop II
Summer	Coop II Continued from Spring
Fifth Year	
Fall: 17 Credits	EET 3430 (3) Power Generation Using Renewable Energies (F)
	EET 3715 (4) Control Systems Analysis (F, S)
	EET 4100 (1) Senior Project I (F, S) (Sr. Exp.)
	EET 4340 (3) Interface Techniques (F, S)
	PHI 1030 (3) Introduction to Ethics OR PHI 3360 (3) Business Ethics (F, S, Su)
	Social & Behavioral Science II (3) (F, S, Su)
Spring: 14 Credits	EET 4110 (2) Senior Project II (F, S) (Sr. Exp.)
	EET 4710 (4) Digital Control Systems Design (S)
	CET, MET, or EET approved elective (4)
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