



METROPOLITAN STATE UNIVERSITYSM
OF DENVER
College of Professional Studies

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

Fall 2016 catalog year

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

Third Year		
Fall: 16 Credits	EET 3620 (3) Analog and Digital Communications (F, S)	
	EET 3410 (3) Electric Machines (F, S)	
	EET 3110 (4) Transform Methods in Circuit Analysis (F, S)	
	EET 3330 (3) Digital Circuits II (F, S)	
	Historical (3) MC recommended (F, S, Su)	
Spring: 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)	
	EET 3420 (3) Electric Power Distribution (S)	

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: 16 Credits	EET 2145 (3) Electronics AND	
	EET 2165 (1) Electronics Lab (F, S)	
	EET 2310 (3) Digital Circuits I (F, S)	
	EET 2350 (3) Advanced Technical Programming (F, S)	
	COM 2610 (3) Introduction to Technical Writing (F, S, Su)	
	Arts and Humanities (3)	

Fourth Year		
Fall: 17 Credits	PHI 1030 (3) Introduction to Ethics OR	
	PHI 3360 (3) Business Ethics (F, S, Su)	
	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)	
	EET 3430 (3) Power Generation Using Renew. Energies (F)	
	Social & Behavioral Science II (3) (F, S, Su)	
Spring: 14 Credits	EET 4110 (2) Senior Project II (F, S) (Sr. Exp.)	
	CET, MET, or EET approved elective (4)	
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	EET 4710 (4) Digital Control Systems Design (S)	