

Metropolitan State University of Denver
Electrical Engineering Technology Major, B.S.: Power & Control Systems Concentration
Minor (not required):
Fall 2014 catalog year

First Year	Suggested Course Plan
Fall: 16 credits	EET 1001 (3) Electronics: An Introduction (F, S) OR EET1040 (3) Introduction to Engineering
	MTH 1400 (4) Pre-Calculus (F, S, Su)
	ENG 1010 (3) Composing Arguments (F, S, Su)
	SPE 1010 (3) Public Speaking (F, S, Su)
	Social & Behavioral Science I (3) (global diversity) (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 Composition: Analysis, Research, & Documentation (F, S, Su)
	CHE 1100 (4) Principles of Chemistry AND CHE 1150 (1) Principles of Chemistry Laboratory (F, S, Su)

Third Year	Suggested Course Plan
Fall: 16 credits	EET 3620 (3) Analog and Digital Communications (F, S)
	EET 3410 (3) Electric Machines (F)
	EET 3110 (4) Transform Methods in Circuit Analysis (F, S)
	EET 3330 (3) Digital Circuits II (F, S)
	Historical (3) HIS 1150, 1920, 3570 or 3580 are recommended (multicultural) (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	Suggested Course Plan
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 (F, S) AND EET 2165 (1) Electronics Lab
	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) (F, S, Su)

Fourth Year	Suggested Course Plan
Fall: 18 credits	PHI 1030 (3) Introduction to Ethics OR PHI 3360 (3) Business Ethics OR PHI 3370 (3) Computer, Ethics, and Society (F, S, Su)
	EET 3715 (4) Control Systems Analysis (F, S)
	EET 4100 (1) Senior Project I (F, S) (Senior Experience)
	EET 4340 (3) Interface Techniques (F)
	EET 3430 (3) Power Generation Using Renewable Energies (F)
	Social & Behavioral Science II (3) (F, S, Su)
Spring: 13 credits	EET 4110 (2) Senior Project II (F, S) (Senior Experience)
	CET, MET, or EET approved elective (4)
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	EET 4710 (4) Digital Control Systems Design (S)