

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

First Year	Suggested Course Plan	
<b>Fall: 16 credits</b>	EET 1001 (3) Electronics: An Introduction <b>(F,S)</b> <b>OR</b> EET 1040 (3) Introduction to Engineering	
	MTH 1400 (4) Pre-Calculus <b>(F,S,Su)</b>	
	ENG 1010 (3) Composing Arguments <b>(F,S,Su)</b>	
	SPE 1010 (3) Public Speaking <b>(F,S,Su)</b>	
	Social & Behavioral Science I (3) (global diversity) <b>(F, S, Su)</b>	
<b>Spring: 16 credits</b>	EET 1140 (4) Circuits <b>(F,S)</b>	
	MTH 1410 (4) Calculus I <b>(F,S,Su)</b>	
	ENG 1020 (3) Freshman Composition: Analysis, Research, & Documentation <b>(F,S,Su)</b>	
	CHE 1100 (4) Principles of Chemistry <b>AND</b> CHE 1150 (1) Principles of Chemistry Laboratory <b>(F,S,Su)</b>	

Third Year	Suggested Course Plan	
<b>Fall: 16 credits</b>	EET 3620 (3) Analog and Digital Communications <b>(F, S)</b>	
	EET 3410 (3) Electric Machines <b>(F)</b>	
	EET 3110 (4) Transform Methods in Circuit Analysis <b>(F, S)</b>	
	EET 3330 (3) Digital Circuits II <b>(F, S)</b>	
	Historical (3) HIS 1920, 3090 or 3590 are recommended (multicultural) <b>(F,S,Su)</b>	

<b>Spring: 18 credits</b>	EET 3120 (4) Advanced Analog Electronics <b>(F, S)</b>	
	EET 3630 (3) Electromagnetic Fields <b>(F, S)</b>	
	EET 3730 (2) Process Control Systems <b>(F, S)</b>	
	EET 3740 (2) Programmable Logic Controllers <b>(F, S)</b>	
	EET 4370 (3) Microcontrollers <b>(F, S)</b>	
	CS 1050 (4) Computer Science I	
<b>Second Year</b>	<b>Suggested Course Plan</b>	
<b>Fall: 16 credits</b>	EET 1150 (4) Circuits II <b>(F,S)</b>	
	EET 2340 (3) Technical Programing Applications <b>(F,S)</b>	
	MTH 2410 (4) Calculus II <b>(F,S,Su)</b>	
	PHY 2311 (4) General Physics I <b>AND</b> PHY 2321 (1) General Physics I Laboratory <b>(F,S,Su)</b>	
<b>Spring: 16 credits</b>	EET 2145 (3) Electronics <b>(F,S)</b> <b>AND</b> EET 2165 (1) Electronics Lab	
	EET 2310 (3) Digital Circuits <b>(F,S)</b>	
	EET 2350 (3) Advance Technical Programing <b>(F,S)</b>	
	COM 2610 (3) Introduction to Technical Writing <b>(F,S,Su)</b>	
	Arts & Humanities (3) <b>(F,S,Su)</b>	
<b>Fourth Year</b>	<b>Suggested Course Plan</b>	
<b>Fall: 18 credits</b>	PHI 1030 (3) Introduction to Ethics <b>OR</b> PHI 3360 (3) Business Ethics <b>OR</b> PHI 3370 (3) Computers, Ethics, and Society <b>(F, S, Su)</b>	
	EET 3715 (4) Control Systems Analysis <b>(F, S)</b>	
	EET 4100 (1) Senior Project I <b>(F, S)</b> (Senior Experience)	
	EET 4340 (3) Interface Techniques <b>(F, S)</b>	

	CS 2050 (4) Computer Science II <b>(F)</b>	
	EET 4330 (3) Data Communications <b>(F)</b>	
<b>Spring: 12 credits</b>	EET 4110 (2) Senior Project II <b>(F, S)</b> (Senior Experience)	
	EET 4020 (3) Digital Circuits III-Hardware Description Language <b>(S)</b>	
	CS Elective (4)	
	Social & Behavioral Science II (3) <b>(F, S, Su)</b>	