



First Semester (15 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL	ETD 1012 Safety Applications	2		ORIE 1011 College Strategies	1	
	ETDE 1003 Introduction to Instrumentation Technology	3		CS 1013 Computer Literacy & Applications	3	
	ETDE 1283 AC/DC Circuits I Corequisite: MATH 1513	3		MATH 1513 Pre-Calculus [⊕]	3	
				COWBOY UP! New Student Orientation	0	

Second Semester (15 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL	ETDE 1293 AC/DC Circuits II Prerequisites: ETDE 1283 and MATH 1513; Corequisite: MATH 1613	3		HIST 1483 US History to 1865 <u>OR</u> HIST 1493 US History since 1865	3	
	ETDE 1343 Motors & Controls Prerequisite: ETDE 1283; Corequisite: ETDE 1293	3		MATH 1613 Trigonometry Prerequisite: MATH 1513	3	
	ETDE 2253 Hydraulics & Pneumatics Prerequisites: ETDE 1283 and MATH 1513	3				

Third Semester (15 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL	ETDE 1363 Electronic Devices & Standards Prerequisite: ETDE 1293	3		ENGL 1113 Freshman Composition I ^{★⊕} <u>OR</u> ENGL 1033 Technical Writing I [⊕]	3	
	ETDE 2223 Electrical Power Distribution Prerequisite: ETDE 1293; Corequisite: ETDE 1363	3		POLS 1113 US Government	3	
	ETDG 1143 Introduction to Design/Drafting Corequisite: MATH 1513	3				

Fourth Semester (13 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL	ETDE 1373 Digital Systems & Microcontrollers Prerequisite: ETDE 1363	3		MATH 2144 Calculus I Prerequisite: MATH 1613 or equivalent	4	
	ETDE 2113 Introduction to PLCs Prerequisite: ETDE 1343	3		SPCH 1113 Intro to Speech Communications <u>OR</u> SPCH 2313 Small Group Communications	3	

Fifth Semester (16 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL	ETDE 2133 Instrumentation Prerequisite: ETDE 2113	3		PHYS 1114 General Physics I Prerequisite: MATH 1613	4	
	ETDE 2273 Electronic Control Devices Prerequisites: ETDE 1343 and ETDE 1363	3		Approved Humanities Elective PHIL 1213 Ethics [★]	3	
	Approved Lower-Division Technical Elective Consult with advisor for an approved list of electives.	3				

FULL = Full Semester Class | 1st = First Half Class | 2nd = Second Half Class

[★] Recommended

[⊕] Corequisite strategies course available. See advisor for details.

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