



### First Semester (15 Hours)

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

### Second Semester (15 Hours)

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

### Third Semester (15 Hours)

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

### Fourth Semester (16 Hours)

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	<b>ETDE 1373</b> Digital Systems & Microcontrollers Prerequisite: ETDE 1363	3		<b>MATH 2714</b> Elementary Calculus Prerequisite: MATH 1613 or equivalent	4		
	<b>ETDE 2113</b> Introduction to PLCs Prerequisite: ETDE 1343	3		<b>SPCH 1113</b> Intro to Speech Communications <u>OR</u> <b>SPCH 2313</b> Small Group Communications	3		
	<b>ETDE 2273</b> Electronic Control Devices Prerequisites: ETDE 1343 and ETDE 1363	3					

### Fifth Semester (13 Hours)

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	<b>ETDE 2133</b> Instrumentation Prerequisite: ETDE 2113	3		<b>PHYS 1114</b> General Physics I Prerequisite: MATH 1613	4		
	<b>Approved Lower-Division Technical Elective</b> Consult with advisor for an approved list of electives.	3		<b>Approved Humanities Elective</b> <b>PHIL 1213</b> Ethics <sup>*</sup>	3		

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

<sup>\*</sup> Recommended

<sup>⊕</sup> Corequisite strategies course available. See advisor for details.

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