



Fall Term 1	<i>15 credit hours</i>	Hours	Notes
• ELT 183 Digital Circuits		3	
• MAT 100 Technical Mathematics <i>Recommended Mathematics</i>		3	<b>Prerequisite:</b> MAT 082 or a satisfactory score on the mathematics skills assessment.
• CSA 126 Microsoft Office for Windows		3	<b>Note:</b> Students may alternatively take AGS 101 or STU 100.
<b>1<sup>st</sup> 8 weeks</b>			
• ELT 111 DC Electrical Systems		3	
<b>2<sup>nd</sup> 8 weeks</b>			
• ELT 112 AC Electrical Systems		3	<b>Prerequisite:</b> ELT 111 (may be taken concurrently)
<b><i>Term hours subtotal:</i></b>		<b>15</b>	

Spring Term 1	<i>13 credit hours</i>	Hours	Notes
• ELT 126 Solid State Devices		3	<b>Prerequisites:</b> ELT 111 and ELT 112
<b>1<sup>st</sup> 8 weeks</b>			
• AIT 115 Hydraulic Systems		3	
• ELT 162 Microprocessors & Microcontrollers		2	<b>Prerequisites:</b> ELT 183
<b>2<sup>nd</sup> 8 weeks</b>			
• AIT 120 Pnuematic Systems		3	
• ELT 165 Programmable Logic Controllers		2	<b>Prerequisite:</b> ELT 101 or ELT 111
<b><i>Term hours subtotal:</i></b>		<b>13</b>	

Summer Term 1	<i>6 credit hours</i>	Hours	Notes
• General Education Requirement <i>Social and Behavioral Sciences</i>		3	
• Program Elective		3	
<b><i>Term hours subtotal:</i></b>		<b>6</b>	

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Fall Term 2 <i>13 credit hours</i>		Hours	Notes
•	ELT 221 Communication Systems and Circuits	3	<b>Prerequisites:</b> ELT 126 and ELT 162
•	ELT 271 Process Control Instrumentation	3	<b>Prerequisite:</b> ELT 126
•	General Education Requirement <i>College Composition or Applied Communication</i>	3	
•	General Education Requirement <i>Physical and Biological Science</i>	4	
<b>Term hours subtotal:</b>		<b>13</b>	

Spring Term 2 <i>14 credit hours</i>		Hours	Notes
•	ELT 258 Electronic Troubleshooting	2	<b>Prerequisites:</b> ELT 126 and ELT 162
•	ELT 272 Motors and Motor Controls	3	<b>Prerequisite:</b> ELT 126
•	General Education Course <i>College Composition or Applied Communication</i>	3	
•	General Education Course <i>Arts and Humanities</i>	3	
•	Program Elective	3	
<b>Term hours subtotal:</b>		<b>14</b>	

*This recommended sequence is not a binding agreement of any kind between Yavapai College and the student, but merely represents a potential curriculum that may be altered as appropriate to meet the student's academic objectives. Course availability is subject to change and all courses are not available every semester. Students should inquire each semester with their Advisor before registering to determine current requirements and possible changes to the suggested curriculum.*