



Fall Term 1 <i>13 credit hours</i>		Hours	Notes
1st 8 weeks			
• AIT 105 Modern Maintenance Operations		3	
• ELT 101 Basic Electricity		4	
2nd 8 weeks			
• AIT 110 Mechanical Power Transmission Systems		3	
• ELT 102 Power Electronics Fundamentals		3	Prerequisites: ELT 101 or ELT 112.
Term hours subtotal:		13	

Spring Term 1 <i>11 credit hours</i>		Hours	Notes
1st 8 weeks			
• AIT 115 Hydraulic Systems		3	
• ELT 165 Programmable Logic Controllers		2	Prerequisites: ELT 101 or ELT 111.
2nd 8 weeks			
• AIT 120 Pneumatic Systems		3	
• AIT 225 Basic Industrial Motor Control		3	Prerequisites: ELT 102 or ELT 126. ELT 126 may be taken concurrently.
Term hours subtotal:		11	

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.