



Fall Term 1	10 credit hours	Hours	Notes
• ELT 101 Basic Electricity		4	
• AIT 105 Modern Maintenance Operations		3	
• AIT 110 Mechanical Power Transmission Systems		3	
Term hours subtotal:		10	

Spring Term 1	14 credit hours	Hours	Notes
1st 8 weeks			
• AIT 115 Hydraulic Systems		3	
• ELT 102 Power Electronics Fundamentals		3	Prerequisite: ELT 101
2nd 8 weeks			
• AIT 120 Pneumatic Systems		3	
• ELT 165 Programmable Logic Controllers		2	Prerequisites: ELT 101 or ELT 111
• AIT 225 Basic Industrial Motor Control		3	Prerequisites: ELT 101 and ELT 102
Term hours subtotal:		14	

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.