Yavapai COLLEGE

Automated Industrial Technology Certificate

Total Credits: 24
Progression Plan

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**	