



Fall Term 1 <i>19 credit hours</i>		Hours	Notes
• MET 150 Surface Mine Safety Training		1	<b>Note:</b> This course runs one week prior to the semester start. Contact department for more information.
• CNC 101 CNC Machine Operator		2	
• AIT 105 Modern Maintenance Operations		3	
• AGS 101 Microcomputers in Agriculture <b>OR</b> CSA 126 Microsoft Office for Windows		3	
• ELT 101 Basic Electricity		4	
• IPT 295 Apprenticeship: Industrial Plant		3	<b>Note:</b> Off-site location
<b>1<sup>st</sup> 8 weeks</b>			
• ENG 136 Professional Writing in the Workplace <i>Recommended College Composition</i>		3	<b>Prerequisites:</b> Satisfactory score on the English skills assessment or ENG 095.
<b>Term hours subtotal:</b>		<b>19</b>	
Spring Term 1 <i>17 credit hours</i>		Hours	Notes
• AIT 120 Pneumatic Systems		3	
• CNC 102 CNC Machine Setup		2	<b>Prerequisites:</b> CNC 101
• BIO 105 Environmental Biology <i>Required Physical and Biological Science</i>		4	<b>Prerequisites:</b> Reading Proficiency
• MAT 100 Technical Mathematics <i>Recommended Mathematics</i>		3	<b>Prerequisites:</b> MAT 082 or a satisfactory score on the mathematics skills assessment.
• WLD 112 Basic Welding I		2	<b>Note:</b> Or WLD 113 Basic Welding II in fall term
• IPT 295 Apprenticeship: Industrial Plant		3	<b>Note:</b> Off-site location
<b>Term hours subtotal:</b>		<b>17</b>	
Summer Term 1 <i>3 credit hours</i>		Hours	Notes
• COM 131 Fundamentals of Speech Communication <i>Recommended Applied Communication</i>		3	<b>Prerequisites:</b> Reading Proficiency
<b>Term hours subtotal:</b>		<b>3</b>	
Fall Term 2 <i>18 credit hours</i>		Hours	Notes
• CNC 201 Computer Aided Programming for CNC		3	<b>Prerequisites:</b> CNC 101 (may be taken concurrently)
• AIT 110 Mechanical Power Transmission Systems		3	
• IPT 261 Machine Shop		3	
• MET 200 SolidWorks for Non-Engineers		3	
• ART 112 Two-Dimensional Design <i>Recommended Arts and Humanities</i>		3	<b>Prerequisites:</b> Reading Proficiency
• IPT 295 Apprenticeship: Industrial Plant		3	<b>Note:</b> Off-site location
<b>Term hours subtotal:</b>		<b>18</b>	
Spring Term 2 <i>19 credit hours</i>		Hours	Notes
• ELT 135 Robot Operator		3	
• PSY 101 Introductory Psychology <i>Recommended Social and Behavioral Sciences</i>		3	
• MET 116 Rigging		1	
• WLD 250 Welded Metal Fabrication		4	
• AIT 115 Hydraulic Systems		3	
• IPT 295 Apprenticeship: Industrial Plant		3	<b>Note:</b> Off-site location
<b>2<sup>nd</sup> 8 weeks</b>			
• ELT 165 Programmable Logic Controllers		2	<b>Prerequisites:</b> ELT 101 or ELT 111
<b>Term hours subtotal:</b>		<b>19</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.*