



Year 1	<u>1<sup>st</sup> Quarter</u>  Basic Safety <ul style="list-style-type: none"> <li>• Tool Safety</li> <li>• PPE Use</li> <li>• System Identification</li> <li>• Basic System Piping</li> </ul>	<u>2<sup>nd</sup> Quarter</u>  Basic Electricity <ul style="list-style-type: none"> <li>• Introduction to Basic Electricity</li> <li>• Electrical Component Identification</li> <li>• System Wiring</li> </ul>	<u>3<sup>rd</sup> Quarter</u>  Test Instruments <ul style="list-style-type: none"> <li>• Electrical Test Instruments</li> <li>• Basic Schematic Reading</li> <li>• Basic Electrical Trouble Shooting</li> </ul>	<u>4<sup>th</sup> Quarter</u>  Advanced Electricity <ul style="list-style-type: none"> <li>• Electrical Motors</li> <li>• Advanced Schematics</li> <li>• Advanced Electrical System Troubleshooting</li> <li>• Advanced System Wiring</li> </ul>
Year 2	<u>1<sup>st</sup> Quarter</u>  Refrigerant Safety <ul style="list-style-type: none"> <li>• Safe Refrigerant Practices</li> <li>• EPA Section 608 Certification</li> <li>• EPA Certification Section 608 Testing</li> <li>• Refrigerant Systems</li> </ul>	<u>2<sup>nd</sup> Quarter</u>  Introduction to Heating <ul style="list-style-type: none"> <li>• Forced Air Gas Systems</li> <li>• Hydronic Heating</li> <li>• Forced Air Oil Heat</li> <li>• System Venting</li> </ul>	<u>3<sup>rd</sup> Quarter</u>  Introduction to Cooling <ul style="list-style-type: none"> <li>• Air Conditioning Systems</li> <li>• Heat Pumps</li> <li>• VRF Systems</li> <li>• Mini Splint Systems</li> </ul>	<u>4<sup>th</sup> Quarter</u>  Sheet Metal <ul style="list-style-type: none"> <li>• Duct and Piping</li> <li>• Sheet Metal Tools</li> <li>• Sheet Metal Layout</li> <li>• Sheet Metal Fabrication</li> </ul>
Year 3	<u>1<sup>st</sup> Quarter</u>  Advanced H.V.A.C Systems <ul style="list-style-type: none"> <li>• Air Distribution Systems</li> <li>• Advanced Air Conditioning</li> <li>• Advanced Heating</li> <li>• Building Automation</li> </ul>	<u>2<sup>nd</sup> Quarter</u>  System Design <ul style="list-style-type: none"> <li>• Blue Prints</li> <li>• System Design</li> <li>• Manuel J &amp; D</li> <li>• Duct Design</li> </ul>	<u>3<sup>rd</sup> Quarter</u>  Controls <ul style="list-style-type: none"> <li>• Computer Software</li> <li>• Digital Control</li> <li>• Advance Cooling Controls</li> <li>• Advance Heating Controls</li> </ul>	<u>4<sup>th</sup> Quarter</u>  Soft Skills <ul style="list-style-type: none"> <li>• Customer Interaction</li> <li>• Service Calls</li> <li>• Job Search – Resume’</li> </ul>