

**HVAC****Grade 10**

Basic Safety (100)  
 Blueprint Reading (50)  
 Use of Handtools & Power Tools (50)  
 Pipe Specifications & Systems (100)  
 Intro to HVAC (50)  
 Leak Detection, Evacuation, Recovery & Charging (100)  
 Basic Electricity (50)

**500 Hours****Grade 11**

Basic Electricity (100)  
 Intro to Cooling (50)  
 Intro to Heating (50)  
 Piping Practices (100)  
 Identify, Install, Assemble, Dissassemble Valves (100)  
 Fabricate Threaded Pipe (50)  
 Transit Operations (50)

**500 Hours****Grade 12**

Air Distribution Systems (75)  
 Intro to Hydronic Systems (100)  
 Troubleshooting Gas Heating (100)  
 Troubleshooting Cooling (100)  
 Heat Pumps (100)  
 Computer Fundamentals (25)

**500 Hours****PLUMBING****Grade 10**

Basic Safety (100)  
 Blueprint Reading (50)  
 Use of Handtools (50)  
 Pipe Specifications & Systems (100)  
 Intro to HVAC (50)  
 Leak Detection, Evacuation, Recovery & Charging (100)  
 Basic Electricity (50)

**500 Hours****Grade 11**

Basic Electricity (100)  
 Intro to Cooling (50)  
 Intro to Heating (50)  
 Piping Practices (100)  
 Identify, Install, Assemble, Dissassemble Valves (100)  
 Fabricate Threaded Pipe (50)  
 Transit Operations (50)

**500 Hours****Grade 12**

Working w/Copper Pipe, Plastic Pipe and Tubing (50)  
 Install Pipe Hangers & Supports (50)  
 Build Water Distribution Lines (50)  
 Working with Steel Pipe & Cast Iron Pipe (50)  
 Build Drains (50)  
 Install Fixtures, Appliances, Vents (100)  
 Maintain, Tests on Pipe, Advanced Pipe Fabrication (50)  
 Work w/Pressure Boilers & Hydraulic Heating Systems (50)  
 Safe Use of Ladders & Scaffolds (50)

**500 Hours**