

Weekly Lesson Plan Week 25 2-24-20

Program: Plumbing

Teacher: Muschlitz

Day	Content	Anchor Standard	Skills	Activities	Assessment
Monday	<p>Math Monday- Ohms law Level 200 Heat Pumps Heat system operation, Trouble shooting, Checking controls POS 1400 Intro to Heat Pumps Unit #44 Assignment sheet Types of Geothermal systems GEO Thermal Heat pumps Trouble shooting electrical and Mechanical</p>	<p>Reading CC.3.5.11-12.1</p> <p>Math CC.2.1.11-12.1</p> <p>Writing CC.3.6.11-12.1</p>	<p>Evaluate metering devices Electrical systems Knowledge and Reading Training units Describe the components of a Reversing Valve Basic trouble shooting PT chart Reading Understanding 5 steps of refrigeration</p>	<p>Power point presentation Lecture Review Video GTAC1-5 Manipulative task PC -51 Level 200 Install Heat Pump units in lab Lab 43-8 Working on Trainers</p>	<p>Daily Employability Rubric</p> <p>Project Skills Rubric</p> <p>Math Work sheet</p>
Tuesday	<p>POS 1400 Intro to Heat Pumps Level 200 Unit #43 Assignment sheet Heat Pump Systems, installations and operation Explain heat pump modes of operation Unit #44 Assignment sheet Types of Geothermal systems GEO Thermal Heat pumps Trouble shooting electrical and Mechanical</p>	<p>Reading CC.3.5.11-12.1</p> <p>Math CC.2.1.11-12.1</p> <p>Writing CC.3.6.11-12.1</p>	<p>Evaluate metering devices Electrical systems Knowledge and Reading Training units Describe the components of a Reversing Valve</p>	<p>Power point presentation Lecture Review Video GTAC1-6 Manipulative task PC -51 Level 200 Install Heat Pump units in lab Lab 43-8</p>	<p>classroom discussion, walk around the lab to check for Understanding, question and answer session.</p>
Wednesday	<p>POS 1400 Intro to Heat Pumps Level 200 Unit #43 Assignment sheet Heat Pump Systems, installations and operation Explain heat pump modes of operation Unit #44 Assignment sheet Types of Geothermal systems GEO Thermal Heat pumps Trouble shooting electrical and Mechanical</p>	<p>Reading CC.3.5.11-12.1</p> <p>Math CC.2.1.11-12.1</p> <p>Writing CC.3.6.11-12.1</p>	<p>System Operation Identify Components of system Describe molecular motion at absolute zero Discuss and define heat and the measurement of heat Real world connections Manipulative tasks</p>	<p>Power point presentation Video GTAC1-7 Air Conditioning systems PC 53 Level 200 Install Heat Pump unit in lab Lab 43-9</p>	<p>Daily Employability Rubric</p> <p>Project Skills Rubric</p> <p>classroom discussion, walk around the lab to check for Understanding, question and answer session.</p>
Thursday	<p>POS 1400 Intro to Heat Pumps Level 200 Unit #43</p>	<p>Reading CC.3.5.11-12.1</p>	<p>System Operation Identify Components of system</p>	<p>Power point presentation Video GTAC1-8 Air Conditioning systems</p>	<p>Daily Employability Rubric</p>

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	Assignment sheet Heat Pump Systems, installations and operation Explain heat pump modes of operation Unit #44 Assignment sheet Types of Geothermal systems GEO Thermal Heat pumps Trouble shooting electrical and Mechanical	Math CC.2.1.11-12.1 Writing CC.3.6.11-12.1	Describe molecular motion at absolute zero Discuss and define heat and the measurement of heat Real world connections Manipulative tasks	PC 53 Level 200 Install Heat Pump unit in lab	Project Skills Rubric classroom discussion
Friday	Guest speakers- Local #420 Apprenticeship, PBA Professional Development- Senior Portfolios LAB - Student assigned projects Computer lab	Reading CC.3.5.11-12.1 Math CC.2.1.11-12.1 Writing CC.3.6.11-12.1	Identify the refrigeration cycle and components Identify and draw the cycle of vapor compression Rough In fixture requirements Installing appliances to industry standards	Presentation in cafeteria Lab Work- Installing Heat Pumps Hot Water heaters Fixtures Computer lab	Daily Employability Rubric Project Skills Rubric Journal Due