

# Weekly Lesson Plan Week 24 2-17-20

Program: Plumbing

Teacher: Muschlitz

Day	Content	Anchor Standard	Skills	Activities	Assessment
Monday	OFF Holiday				
Tuesday	POS 1400 Intro to Heat Pumps Level 200 Unit #43 Assignment sheet Heat Pump Systems, installations and operation Explain heat pump modes of operation	Reading CC.3.5.11-12.1  Math CC.2.1.11-12.1  Writing CC.3.6.11-12.1	Evaluate metering devices Electrical systems Knowledge and Reading Training units Describe the components of a Reversing Valve	Power point presentation Lecture Review Video GTAC1-3 Manipulative task PC -51 Level 200 Install Heat Pump units in lab Lab 43-7	Daily Employability Rubric  Project Skills Rubric  classroom discussion, walk around the lab to check for Understanding, question and answer session.
Wednesday	POS 1400 Intro to Heat Pumps Level 200 Unit #43 Assignment sheet Heat Pump Systems, installations and operation Explain heat pump modes of operation	Reading CC.3.5.11-12.1  Math CC.2.1.11-12.1  Writing CC.3.6.11-12.1	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	Power point presentation Video GTAC1-4 Air Conditioning systems PC 53 Level 200 Install Heat Pump unit in lab Lab 43-8	Daily Employability Rubric  Project Skills Rubric  classroom discussion, walk around the lab to check for Understanding, question and answer session.
Thursday	POS 1400 Intro to Heat Pumps Level 200 Unit #43 Assignment sheet Heat Pump Systems, installations and operation Explain heat pump modes of operation	Reading CC.3.5.11-12.1  Math CC.2.1.11-12.1  Writing CC.3.6.11-12.1	System Operation Identify Components of system Describe molecular motion at absolute zero Discuss and define heat and the measurement of heat Real world connections	Power point presentation Video GTAC1-5 Air Conditioning systems PC 53 Level 200 Install Heat Pump unit in lab	Daily Employability Rubric  Project Skills Rubric  classroom discussion

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			Manipulative tasks		
Friday	Field trip Myco mechanical  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	Lab Work- Installing Heat Pumps Hot Water heaters Fixtures Computer lab	Daily Employability Rubric  Project Skills Rubric  Journal Due