

Ed's Learning Institute



2021 Spring Training Schedule

Join Rheem Senior District Technical Representative, Wade Hadaway, for a **5-part training series** designed to help HVAC tradesmen of all experience levels avoid common mistakes during installation and service of residential systems. Each class will build on the information presented during the previous session so for maximum benefit, make sure you attend all 5. All classes will run approximately 60 minutes and will begin promptly at 7:00 AM CST.

Part 1 - HVAC Terminology and the Science Behind it All **3/4/2021** **7:00 AM CST**

This is an informative webinar on the fundamental sciences that are the foundation of the HVAC trade. We will discuss the pressure/temperature relationship and methods of heat transfer. The properties of air and how to measure them will also be covered. Both experienced tradesmen and entry level technicians will benefit from the information provided. This class is the basis on which the later classes will build – don't miss it.

[CLICK HERE to register for Part 1](#)

Part 2 - Refrigerant Circuit – Superheat & Subcool **3/11/2021** **7:00 AM CST**

In this, the 2nd part of a 5-part webinar series we will go over refrigerant circuit components, discuss refrigerant states and walk through superheat and subcooling – what these measurements mean and why they're important. Time will also be spent covering system charging.

[CLICK HERE to register for Part 2](#)

Part 3 -Reversing Valve and Demand Defrost **3/18/2021** **7:00 AM CST**

This session will focus on the Reversing Valve and Demand Defrost. The Reversing Valve, an often-misunderstood component, will be broken down and simplified – operation and troubleshooting will be discussed. The class will also cover Defrost cycle operation, timing, and troubleshooting.

[CLICK HERE to register for Part 3](#)

2021 Spring Training Schedule (cont'd)

Part 4- Airflow & Static Pressure

3/25/2021

7:00 AM CST

Measuring static pressure, determining blower CFM and setting the proper blower speed is crucial in HVAC systems. Join me for an informative webinar explaining how to properly commission a system's fan speed. We will also be discussing capacity measurement and how to use CFM and enthalpy to determine system capacity.

[CLICK HERE to register for Part 4](#)

Part 5 - Electricity and Wiring

4/1/2021

7:00 AM CST

In part 5, we will discuss electrical schematics and diagrams, go over some component symbols, and talk about basic electrical theory. I'll cover low voltage troubleshooting techniques to help you identify failed components and find shorts.

[CLICK HERE to register for Part 5](#)

Additional training opportunities include:

- Online technical, sales, and business training at Rheem Academy •
 - Custom technical training •
- Rheem Pro Partner custom onsite training •

For all questions regarding training, please reach out to:

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