

Advanced Energy Efficiency Training & Mentoring



Prerequisite: Energy Analyst, Diagnostic Technician, BPI Building Analyst or equivalent experience.

Comprehensive CAZ Testing

In this day long course students will learn to use the latest test equipment to perform diagnostic tests on a comprehensive set of combustion appliances. Diagnostic tests will include appliance efficiency, safety, code compliance, combustion analysis, worst case draft, temperature rise, static pressure, flow plate, and gas pressure measurements.

Heat Rise, Static Pressure & Air Flow Measurement

In this half day course, participants who complete this class will learn about verifying the efficiencies of forced air distribution systems. Students will be able to perform and practice heat rise, static pressure and total system flow tests in our diagnostic lab. The equipment used will include thermometers, manometers and the True Flow Plate. This class is most applicable to Energy Auditors and Inspectors.

It's easy!

All equipment provided - Online registration
Mobile training options - Customized courses

Duct Diagnostics & Repair

This half day course will give students a solid foundation in the use of Duct testing in diagnosing duct leakage problems. Students will learn to perform pressurizing duct blaster test, depressurizing tests, dominant duct leakage, split system (supply/return) test, and air flow through a furnace, exhaust fan, and ventilation/heating ducts. Students will learn what test to use in a given situation and what measures to recommend based on test outcomes.

Room Pressure Balancing

In this half day course students will learn how to evaluate airflow inside a building. They will learn to perform room pressure testing and to quantify air flow imbalances. Students will then become familiar with different technologies used to balance airflow within a building.

Advanced REM/Design

Advanced - REM/Design™ - This one-day advanced class will focus on the proper use and understanding of REM/Design™ to improve the accuracy of modeling results. To ensure the session is useful and informative, please forward any questions your staff would like to see addressed during the training to training@warmandsafenow.com.

ASHRAE 62.2 Ventilation Compliance

This class provides a foundational understanding of the new ventilation standards. The course curriculum is suitable for those in the weatherization industry and those seeking a better understanding of ventilation requirements and techniques to achieve compliance. Includes; calculation of ASHRAE 62.2 ventilation needs. how to identify types of ventilation systems, proper installation of ventilation systems, how to set various controls, how to test for correct operation and flow and hands-on practice with these systems in our weatherization lab.



Oregon Training Institute

27501 SW 95th Ave., # 980
Wilsonville, Oregon 97070
www.oregonenergy.org
503-990-8221

