

Program Information

The Walsh University Skilled Technical Workforce Program for HVAC professionals is led by certified industry veterans in a state-of-the-art, five thousand square foot facility located in Canton, Ohio. The Trade Master's learning lab is staffed by licensed HVAC instructors with decades of industry experience. As education providers for Ohio's TechCred Grant program, Walsh University provides cutting edge training at no cost to Ohio businesses or their employees.



Get started today!

Walsh University, in collaboration with Trade Masters Academy, offers cutting edge HVAC training programs at NO COST to you or your employees in collaboration. Professionals guide participants through hands-on training in a state-of-the-art learning lab. Equip technicians with the knowledge and skills to be field ready in less than 90 days using smart probes, the measureQuick app, Digital TrueFlow Air Handler Flow Meters and advanced knowledge of the new A2L (mildly flammable) refrigerants.

Dr. Daniel Passerini

Executive Director of Cross-Enterprise Operations

330.244.4746 or dpasserini@walsh.edu



2020 East Maple Street | North Canton, Ohio 44720 | www.walsh.edu

WALSH UNIVERSITY



SKILLED TECHNICAL WORKFORCE PROGRAM

High Tech HVAC Training

**LEARN the latest technologies used
in HVAC for FREE!**

EARN CAREER READINESS CERTIFICATES FOR FREE!

Build skills to solve real-world HVAC problems with IoT (Internet of Things) solutions from Walsh University's nationally recognized program!

The Skilled Technical Workforce Training program offers two short courses that will prepare you to enter the workforce with confidence.

Build digital skills, including the use of:

- Smart probes and gauges
- MeasureQuik app
- TrueFlow Air Handler Flow Meter
- Digital reports



IoT Fundamentals (HVAC) Smart Probes and measureQuick: Diagnostic Techniques for HVAC Technicians

Appropriate for every level technician. An introduction to smart probes and the measureQuick App. Participants leave this class with the ability to accurately diagnose refrigerant, electrical and airflow issues using measureQuick's vitals, reports, and score cards.

Learn to download and navigate the measureQuick app, connect Bluetooth probes and gauges to the app, and where to install test ports to check static pressure in a duct system. Learn to properly check and diagnose airflow, how to properly commission a new HVAC installation, and how to present multiple service offerings to customers in reports

IoT - Applied IoT Solutions (HVAC) HVAC Airflow Optimization Using the Digital TrueFlow Meter

This class focuses on HVAC system airflow testing using the Digital TrueFlow Air Handler Flow Meter. Capture and relay important data relative to the health of a customer's HVAC system. Use the data to provide real-time recommendations for preventive maintenance or system modifications.

Technicians can wirelessly generate detailed system reports, calculate cubic feet per minute (CFM) and static pressure measurements and quickly and accurately diagnoses airflow issues. The software eliminates guessing or the need for technicians to learn and remember complex calculations and helps your technicians to build long term relationships with your customers.

IoT - Integrated IoT Solutions (HVAC) Optimizing HVAC Systems with A2L Refrigerants and IoT Technology

With the HVAC industry rapidly moving towards low-GWP (Global Warming Potential) refrigerants, it's essential for technicians to stay ahead of the curve. This two-day hands-on course is specifically designed to provide HVAC technicians with the knowledge and practical skills necessary to safely handle and work with A2L (mildly flammable) refrigerants.

Participants will gain a comprehensive understanding of the characteristics, safety considerations, regulations, and best practices associated with A2L refrigerants, preparing them for the transition to these environmentally friendly alternatives. Using IoT tools, participants will gain experience with the handling and storage of A2L refrigerants, including proper charging and recovery procedures. Sessions will also include retrofitting HVAC systems with A2L refrigerant, conducting leak tests, and commissioning new and retrofitted systems.

