

IND 1253 : HVAC TROUBLESHOOTING

This course provides advanced training for students interested in employment as an HVAC Technician working on residential HVAC systems. Building on the HVAC Controls course, students will focus on malfunctions, troubleshooting, and repair of mechanical, electrical, and control components found in residential HVAC systems. Students will complete additional studies in HVAC electrical systems and components, air conditioning system controls, heating system controls, heat pump system controls, and installation, maintenance, servicing, and troubleshooting HVAC components. Students gain hands-on experience with a variety of HVAC trainers, residential HVAC equipment, and tools used by HVAC technicians in the field. Shop procedures are explained, constantly emphasized, and strictly enforced.

Credits 3

Lecture Hours 1

Lab Hours 2

Prerequisites

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