

IND 1053 : HVAC FUNDAMENTALS

This course is structured for students interested in employment as an HVAC Technician working on residential HVAC systems. Students will study HVAC fundamentals, HVAC science, refrigeration systems and components, refrigeration practices, HVAC electrical safety, air conditioning systems, heating systems, heat pump systems, and Environmental Protection Agency (EPA) 608 requirements. 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. Students will have an opportunity to certify as HVAC Technicians by completing the EPA 608 Certification Test.

Credits 3

Lecture Hours 2

Lab Hours 1