

HVAC/PLUMBING

Students will be introduced to the basic tools and safety of plumbing and refrigeration. Students will learn various types of piping, basic electricity, soldering and brazing practices. Mathematics appropriate to the trade will be used and students will be introduced to blueprint reading and various piping installation.

Level II will cover air properties and distribution, basic electronics, compressors, metering devices and leak detection. Students will learn to read commercial drawings, install roof, floor and area drains, faucets and valves.

Level III students will be expected to troubleshoot all heating and cooling systems. Students will read more advanced commercial drawings. Regional and local plumbing codes will be covered. Advanced math for HVAC and plumbing will be integrated and students will work on the modular home.