

HVAC Required Tool List

Students will be required to bring to labs a basic set of hand tools as listed below.

Required Tools: (minimum)

Tool box or bag
Safety Glasses
Gloves
Long sleeve shirt
Medium Flathead Screwdriver
Small Flathead Screwdriver
#2 Phillips Screwdriver
5/16 Nutdriver
1/4 Nutdriver
Refrigeration Wrench
8" Adjustable Wrench
12" Adjustable Wrench
9/16 Open End Wrench
7/16 Open End Wrench
1/2 Open End Wrench
Allen Wrench Set
Lineman's Pliers
Needle Nose Pliers
Wire Strippers
Channel Locks Pliers
Tubing Cutter
1/4", 3/8" Swage Tools
Flaring Tool Set
Scratch Awl
Sheet metal Scriber
Right hand snips
Left hand snips
Straight snips
Tape Measure
Digital Volt/Ohm Meter *See minimum specs below.
Amp Meter *See minimum specs below.

Recommended Tools:

Mercury or Digital Thermometer
Refrigeration gauges
Hammer
1/2", 5/8", 3/4" Swage Tools

*Minimum Meter Specifications:

- 1000VDC
- 750VAC
- 10A AC
- 10A DC
- Resistance up to 20Meg-ohms
- *Best if meter is rated at Class III and listed, (UL or CSA)

Recommendations: (See Fluke Meter Student Discount List for current pricing information on following meter or kits.)

Recommendation#1: Combo Kit (Includes Multimeter, Clamp-on meter, and Carrying Case.)

Model: FLUKE – 117/322 Item # - 2583702

OR

Recommendation#3: HVAC Combo Kit (Includes Multimeter, IR Thermometer, and Carrying Case.)

Model: FLUKE – 116/62 Item # - 2583686