

HVAC Trades - A.O.S.

Required Program Tool and Equipment List

Fall Term:

- Adjustable Plier 10" tongue and groove
- Needle Nose pliers
- Wire cutter / stripper / crimper: (#10 – 22 wire sizes)
- ½" and ¾" copper fitting cleaning brushes
- Small roll plumber's Teflon tape
- Abrasive sand cloth for cleaning fittings
- Safety glasses (you will not be permitted to take lab without these)
- Portable tool box with lock and permanent name label and should be able to hold a standard hacksaw - (20" X 9" X 8")
- Adjustable wrench 8" and 12"
- Multi-bit screwdriver (10-in-1)
- Tubing Cutter 1/8" to 1 1/8" capacity
- Digital multimeter with type K thermocouple capability – Recommended Models (Fieldpiece SC240 or HS33)

Spring Term:

- Ball-peen hammer, 12 ounce
- Flare nut wrench set, SAE (inch)
- Flaring tool set for copper tubing 1/8" through 5/8"
- Swaging punch set for copper tubing, 4 piece set or spike
- Tubing bender for copper tubing, 1/4" through 3/8"
- Standard hacksaw with several blades
- Refrigeration service wrench (square drive)
- Allen wrench set, ball end type preferred
- Tape measure (10' or 12')
- Lineman's pliers
- Mechanical manifold gauge set, 2 valves