

## HVAC/R Tool Program

Students in the HVAC/R program are required to have a tool set for lab activities. Instructors provide students with a list of the minimum requirements. Please note that this is a minimum list and you may have more tools than that. We recommend that you bring the most professional set of tools you can afford. If you currently own some tools of professional quality, you can purchase what you need to fill out your set. We can provide information for vendors who want to work with students to build their professional tool sets by selling complete sets, partial sets, and offer discounts to students.

- Sets must consist of professional grade tools and match the required list.
- Tool kits will be kept in the program area and must not be removed until the student has completed the program. Program staff and the student will inspect their box and contents when the student leaves the program.
- Most residential insurance companies can provide a rider to the policy at a minimal cost to cover personal tools and toolboxes.

The cost of the preferred tools is estimated to be @\$2,100. If you have financial aid and expect a refund this semester, you may be able to apply the refund toward the purchase of your tools. Contact the vendor to see about those arrangements. To see if you have a refund coming to you, contact our financial aid office. See your instructor for further details and student packets from the vendors.

Several tool vendors offer substantial discounts to current students of aviation training programs. You have several options to purchase your tools. The Snap-On tool kit may be purchased directly from the IWCC. Sets other than Snap-On are purchased directly from that vendor.

### Required Tools for Students entering HVAC/R Program

Tote Bag	LED Penlight with UV Mode (Red)	Flaring and Swaging
Set Hand Notcher	Snap Lock Punch	Folding Tool
Duct Stretcher	Sheet Metal	Safety Glasses (Black)
Pick-Up & Inspection Tool	Tube Cutter	Mini Tube Cutter ¼" to 1/8"
LED Penlight with UV Mode (A)	8In Adjustable Wrench	12In Adjustable Wrench
4 pc Locking Pliers Set	Refrigeration Ratching Box Wrench	Flat Tip Pocket Screwdriver
9" Magnetic Bit Holder Shank	7" Wire Stripper/ Crimper/ Cutter	Power Cutter Long Snips
2 pc Offset Aviation Snips Set	9" Wire Stripper/ Crimper/ Cutter	10" Adjustable Joint Pliers
12" Straight Striking Prybar	Hard Grip Awl	25' Tape Rule
4 pc Straight Jump Lead Set	Setting Hammer	10" External Pipe Wrench
Hard Hat	Ergo Hammer	12 Trade Hacksaw Frame
6" Combination Slip Joint Pliers	9" Needle Nose Pliers	6-Sided Fin 5
Blade Crimper	3 Inch Hand Seamer	Architect Ruler
Digital Thermometer	31 pc Bit Set in Plastic Case	
Ratcheting Soft Grip Standard Screwdriver	5/16" Bit 1/4" Hex Shank Magnetic Nut Driver	
1/4" Bit 1/4" Hex Shank Magnetic Nut Driver	13pc SAE L-Shaped Ball Hex Wrench Set (0.05-3/8")	
Set, Aviation Snips, Straight Jaws, 3 pc	Multimeter - Voltage, Amps, and Ohms	
Low Current Color Digital Display Clamp Meter		
7 pc 12-Point SAE Flank Drive Plus Reversible Ratcheting Combination Wrench Set		