

Plumbing & Heating Required Tool/Equipment

Loren Gordon, Instructor



FRESHMAN, PLUMBING CLASS (tools are used on the first day of classes)

- 1) Tool Box (lockable preferred) (approximately 9”X9”X18” or larger)
- 2) Standard and Phillips screwdriver set or 4 in 1
- 3) 1/4”, 3/8” & 5/16” nut drivers or a complete nut driver set, hollow shaft
- 4) 3/8” to 3/4” open end wrenches
- 5) 14” pipe wrench (aluminum preferred)
- 6) 18” pipe wrench (aluminum preferred)
- 7) 9” (water pump) pliers or channel lock 2 pairs are preferred
- 8) Flaring Tool :Yellow Jacket model #60278 or equivalent professional grade flaring tool.
- 9) Tubing cutter, RIDGID #15, or equivalent professional grade cutting tool.
- 10) Mini-tubing cutter RIDGID #101, or equivalent professional grade cutting tool.
- 11) 9” torpedo level
- 12) 1/2” & 3/4” fitting brushes (2 each)(copper cleaning brushes) – not the one piece units
- 13) 1 lb. roll lead free solder – Silverbrite preferred
- 14) 16 oz. hammer, rip or claw
- 15) Steel toe boots -- **ANSI Z41** certified
- 16) Mechanics gloves (optional)
- 17) Propane or Map gas torch kit (self-igniter suggested) – **medium tip only!! Bernzomatic TS7000 preferred**
- 18) PEX Tubing cutter (must be able to cut 1/2” & 3/4” tubing)
- 19) 25’ tape measure
- 20) Basin wrench (optional)
- 21) ****Z-87** safety eye wear, ***Clear Lenses ONLY!***
- 22) 6 & 8” Adjustable wrenches 1 each size (Klein D507 are suggested)
- 23) Wire brush or wire wheel brush for a drill 3” diameter + -
- 24) 2 rolls of Teflon Tape (Blue Monster preferred) 1/2” thick
- 25) Tire Pressure gauge
- 26) Bits for a drill: #2 Philips, T-15, T-20, T-25, 1/4” & 5/16” nut drivers (1 each)
- 27) Texas Instruments Calculator: **TI-30X IIS** preferred

SENIOR, HEATING CLASS, INCLUDE WITH ABOVE ITEMS FOR 2ND YEAR

- 1) 9” Linemen pliers (Klein D201-9NE)
- 2) Wire stripper (Klein 11057 or similar style)
- 3) Allen wrench set SAE and Metric
- 4) Needle-nose pliers (Klein D203-6)
- 5) Terminal Crimper (Klein 1005 are highly suggested)
- 6) Multi meter (Milwaukee 2235-20 or better)
- 7) Box of 100 latex gloves – optional

****Tools with an Asterisk “**” required to be specific BRAND and MODEL #**

Students will be using tools on the first day of class.

Please note: If tools are to be purchased through the business office, a handling fee may be added. Students taking the Residential Wiring course may not be required to purchase additional tools. If additional information is needed, please call me at 768-2745 or e-mail me at nlgordon@nmcc.edu.