

Major Appliance and Refrigeration Technology
Refrigeration Technology
Required Text and Supply List

TEXTBOOKS (3)

1. *Delmar's Standard Textbook of Electricity 4th edition*
Author: Herman
2. *Bundle: Refrigeration and Air Conditioning Technology 6e w/Lab Manual 6e*
Publisher: DELMAR CENGAGE
Authors: Whitman, Johnson, Tomczyk, & Silberstein
3. *Practical Problems in Mathematics for Heating and Cooling Technicians 5th edition*
Author: Devore

SUPPLIES

- Three-ring binder and paper
- Pens and pencils
- Inexpensive (hand held) calculator is recommended
- Miscellaneous expenses for assigned projects (approx. \$50-\$70)

Kitchen Major Appliance Technology
Laundry Major Appliance Technology
Required Text and Supply List

TEXTBOOK (1)

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Major Appliance and Refrigeration Technology
Required Tool List

- Tool bag - one medium
- 3/8" socket set(s) approximately 42 pcs.
- Pliers, Needle Nose
- Pliers, Lineman
- Pliers, Internal/external snap ring
- Pliers, 7" Vice Grip
- Pliers, Crimping/stripping (front or rear jaw stripping)
- Pliers, cutter, Diagonal
- Pliers hose pinch-off
- Pliers hose clamp
- Pliers, Slip Joint
- Pliers, 10" Vice Grip
- Pliers, Multi
- Hex Key Set: ball end, metric
- Hex Key Set: ball end, standard
- Electric Screw Driver: cordless, torque adjustable, reversible
- 16 oz. Ball Peen Hammer
- Putty Knife
- 5" Level
- Digital multi meter with temperature and clamp amp. features (or meter with these accessories added)
- Meter amp clamp accessory
- Meter temperature accessory
- Nut driver Set
- Wrench Set, combination end
- Wrench, 10" Adjustable
- Wrench, 6" Adjustable
- Wrench, 10" pipe
- Magnetic screwdriver with bit assortments 1/4" hex drive bit set, to include: torx, nut drivers, square, and magnetic ext
- Screw driver, ratcheting offset
- Center punch
- Pin punch set
- Knife
- Flashlight
- Mini Hacksaw
- Gloves
- Safety goggles

Refrigeration Tools:

- Pliers, 7" Vice tubing Pinch Off
- Tubing cutter: mini
- 1/4", 3/16", 5/16", 3/8" Swaging tools (may require purchasing individually)
- Tubing cutter: standard size with reamer
- 8" mill bastard file
- Inspection mirror
- Flare block and yoke
- 4-way compound gauge manifold set with minimum-loss hose fittings/
- Pocket thermometer
- Leak detector solution
- Service valve wrench
- 6' ball valve hoses (set of 3)
- Tool Box *(optional for Refrigeration tools above)*

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