



Student Supplies List

Automotive Foundations

TOOLS*

Battery Terminal Cleaner
 Blow Gun (rubber tipped)
 Breaker Bar (aka flex handle), 24"
 Caliper – Metric/Imperial, 6"
 Combination Wrenches – Metric, 8mm to 24mm
 Combination Wrenches – SAE, $\frac{5}{16}$ " to 1"
 Flare Nut Wrenches - $\frac{3}{8}$ ", $\frac{7}{16}$ ", 8mm & 10mm (or set of wrenches)
 Flat Gasket Scraper
 Hacksaw, 12"
 Hammer – Ball Peen, 24oz
 Hammer – Soft Face
 Hex Sockets – Metric, up to 10mm
 Hex Sockets – SAE, up to $\frac{3}{8}$ "
 Multi Meter (good quality)
 LED Light or Trouble Light
 Pick Set – 4pc
 Pliers – Slip Joint, 7"-8"
 Pliers – Diagonal Cutting, 7"-8"
 Pliers – Groove Joint (aka water pump), min 16"
 Pliers – Needle Nose, 8"
 Pliers – Wire Stripping/Crimping
 Pry Bar Set – 4pc (screwdriver type handle)
 Punch & Chisel Set
 Screwdriver Set (no multi-drivers)
 Tape Measure – Metric/Imperial, 12'
 Test Light
 Tire Chuck with Air Fitting (E type)
 Tire Pressure Gauge – min 80psi
 Tire Valve Core Extracting Tool (screwdriver type handle)
 Tool Box (roller cabinet)
 Torque Wrench – $\frac{1}{2}$ " Drive, 250ft-lbs
 Torx Socket Set – Internal, T15-T55
 Utility Knife
 Vice Grips – Curved Jaw, 10"
 Wire Brush - Steel

SOCKETS SETS

$\frac{1}{2}$ " Drive Size

- Metric 6 point Deep Sockets
 - 10mm to 24mm
- SAE 6 point Deep Sockets
 - $\frac{3}{8}$ " to $1\frac{1}{4}$ "
- Extension Sockets – 3 different lengths
- Ratchet
- Universal Joint Socket

$\frac{3}{8}$ " Drive Size

- Metric 6 point sockets – deep & shallow
 - 6mm to 19mm
- SAE 6 point Sockets – deep & shallow
 - $\frac{1}{4}$ " to $\frac{7}{8}$ "
- Extension Sockets – 3 different lengths
- Ratchet
- Universal Joint

Personal Protective Equipment (PPE)

CSA Approved Steel Toe Boots
 Coveralls
 Safety Glasses (clear lens) x2
 Welding Gloves

SUPPLIES

3-Ring Binder with Paper
 Calculator**
 Combination Lock (for lockers)
 Eraser
 Fine Felt Pens
 Highlighter
 Pencils
 Pens
 Ruler

*Tool kits are available for purchase through the Tool Crib (not including PPE and Supplies)

**Please note that calculators provided in ITA exams will only be one of the following: Sharp EL-520W, EL-520X, or EL-531X