



## Student Supplies List

### Automotive Foundations

#### TOOLS\*

Battery Terminal Cleaner  
 Breaker Bar (aka flex handle), 24"  
 Caliper – Metric/Imperial, 6"  
 Combination Wrenches – Metric, 8mm to 24mm  
 Combination Wrenches – SAE, 3/16" to 1"  
 Flare Nut Wrenches - 3/8", 7/16", 8mm & 10mm  
 (or set of wrenches)  
 Hacksaw, 12"  
 Hammer – Ball Peen, 24oz  
 Hammer – Soft Face  
 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 – 1/2" Drive, 250ft-lbs  
 Utility Knife  
 Vise Grips – Curved Jaw, 10"  
 Wire Brush - Steel

#### SOCKETS SETS

- Hex Socket Set - Metric - up to 10mm
- Hex Socket Set - SAE - up to 3/8"
- Torx Socket Set - Internal - T15 to T55

##### 1/2" Drive Size

- Metric 6 point deep sockets - 10mm to 24mm
- SAE 6 point deep sockets - 3/8" to 1-1/4"
- Extension Sockets – 3 different lengths
- Ratchet
- Universal Joint

##### 3/8" Drive Size

- Metric 6 point sockets – deep/shallow - 6mm to 19mm
- SAE 6 point Sockets – deep/shallow - 1/4" to 7/8"
- Extension Sockets – 3 different lengths
- Ratchet
- Universal Joint

#### Personal Protective Equipment (PPE)

CSA Approved Steel Toe Boots  
 Coveralls  
 Face Shield\*\*  
 Safety Glasses (clear lens) x2  
 Welding Gloves

#### SUPPLIES

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

\*Tool kits are available for purchase from Coast Mountain College (not including PPE and Supplies)

\*\*Face shields required due to COVID-19. Students will be provided with a face shield but will be required to purchase their own if the one provided is lost or damaged.