(General Automotive) Required Tool List:

Socket Set - 1/4" Drive
- 1/4" - 1/2" Standard Depth (6 Point)
- 1/4" - 1/2" Deep (6 Point)
- 6mm - 12mm Shallow (6 Point)
- 6mm - 12mm Deep (6 Point)
- Ratchet
- Extension - 3", 6"
- Flex/Universal Joint

Socket Set - 3/8" Drive
- 5/16" - 3/4" Standard Depth (6 Point)
- 3/8" - 3/4" Deep (6 Point)
- 9mm - 19mm Standard Depth (6 Point)
- 9mm - 19mm Deep (6 Point)
- Ratchet
- Extension - 3",6",12",18"
- Universal Joint
- Fractional Universal Impact Socket Set 3/8" - 3/4"
- Metric Universal Impact Socket Set 9mm - 19mm

Socket Set - 1/2" Drive
- 7/16" - 1 1/8" Standard Depth (6 Point)
- 7/16" - 1 1/8" Deep (6 Point)
- 10mm - 25mm Standard Depth (6 Point)
- 10mm - 25mm Deep (6 Point)
- Ratchet
- Breaker Bar
- Extension 3",6",12"

Combination Wrenches
- 1/4" - 1" Standard
- 7mm - 24mm Metric

Tubing Wrenches
- 3/8" - 3/4"
- 10mm - 18mm
**Hex (Allen) Wrenches**
- 050" - 3/8" Fractional
- 2 mm - 7mm Metric

**Screw Drivers**
- Blade Type
- Stubby
- 1/4" x 6"
- 1/4" x 9"
- 3/8" x 9"
- 3/8" x 16"
- Offset
- Phillips
- #2 Stubby
- #1 Tip
- #2 Tip
- #3 Tip
- Offset

**Torx Bits Tamper Proof (Screwdriver or Sockets)**

**Pliers**
- Slip Joint 6"
- Needle Nose 6"
- Diagonal Cutter 7"
- Channel Locks 12" (water pump)
- Long Reach End Cutter (Channel Lock #748)
- Vise Grip Pliers 10" (10WR)

**Snap/Retaining Ring Pliers**
- Internal Retaining Ring Pliers
- External Retaining Ring Pliers
- Snap Ring Pliers (Snap-On SRP2 style)

**Files with Handles**
- Flat 10" Mill Bastard
- Round 8" - 10"
- Three Cornered

**Hammers**
- 16oz Ball Peen
- 16oz Soft Faced Dead Blow
- Hand Drilling 3 to 4 lb.

**Punch and Chisel Set**
- Center Punch
- Pin Punch - 1/8", 3/16", 1/4", 5/16"
- Taper Punch 3/8", 1/2", 5/8"
- Brass Punch - 3/4"
- Cape Chisel - 5/16"
- Cold Chisel - 3/8" - 3/4"

**Pry Bars**
- Rolling Head 16"
- Straight 16"

**Brake Service Tools**
- Brake Spring Pliers
- Hold Down Tool

**Safety Equipment**
- Safety Glasses
- Hearing Protectors (ear muff type)

**Electrical Tools**
- Digital Multi meter
- 12 volt test light or LED circuit Tester
- Remote Starter Switch
- Insulation piercing test probes

**Small Tools**
• Flash Light
• Pocket Knife
• "O" Ring Pic
• A/C, fuel line disconnect set
• Inspection Mirror
• Spark Plug Feeler Gauge (gap tool)
• Feeler Gauge (Blade type)
• Flexible Pick Up Tool (magnetic and claw type)
• Tape Measure 12"
• Hack Saw
• Tubing Cutter
• Gasket/Carbon Scraper (putty knife)
• Air Blow Gun (Meeting OSHA requirements)

Tool Box
• Roll Away with Key Lock

Second Year Student Tool List

Special Tools
• Torque Wrench - 1/2" Drive (Snap-On Quality)
• Micrometer - 0-1" or dial caliper 0-6
• 3/8" Drive Air Ratchet
• 1/2" Drive Air Impact Wrench
• Socket Set - 1/2" Drive Impact 1/2" - 1"
• Crankshaft Pulley Puller
• Cylinder leakage tester
• Pry Bar Screwdriver style 30" or larger
• Hand Operated Vacuum Pump
• Compression Gauge
• Radiator Pressure Tester
• Feeler Gauge (Go-No-Go, blade type)
• Door Panel Removal Tool

Student List - Advanced Level
• Scan Tool - See Instructor for requirements and recommendations