

College of DuPage
Automotive Service Technology
Minimum Required Tool List

- 1 **Clear Safety Glasses (ANSI Z87 Approved) or prescription corrective glass with side shields**
- 1 **Portable tool box—On campus tool locker size, 22 deep, 16 high, 13 wide**
- 1 **Slip joint pliers**
- 1 **Needle nose pliers**
- 1 **Diagonal cutting pliers**
- 1 **Standard Vise Grip pliers**
- 4 **Standard screwdrivers (pocket, small, medium, & large)**
- 3 **Phillips screwdrivers (#1, #2, & #3)**
- 1 **Combination wrench set - standard (1/4" to 7/8")**
- 1 **Combination wrench set - metric (7mm to 19mm)**
- 1 **1/4" drive ratchet**
- 2 **1/4" drive extensions (3" & 6")**
- 1 **1/4" drive socket set – standard (5/32" to 1/2")**
- 1 **1/4" drive socket set – metric (6mm to 13mm)**
- 1 **3/8" drive ratchet**
- 3 **3/8" drive extensions (1", 3", & 6")**
- 1 **3/8" drive socket set – standard (3/8" to 7/8")**
- 1 **3/8" drive socket set – metric (10mm to 19mm)**
- 2 **3/8" drive spark plug sockets (5/8" & 13/16")**
- 1 **1/2" drive ratchet**
- 2 **1/2" drive extensions (3" & 6")**
- 1 **1/2" drive socket set – standard (1/2" to 7/8")**
- 1 **1/2" drive socket set – metric (13mm to 19mm)**
- 1 **6 inch steel scale (ruler) with division to 1/32"**
- 1 **Feeler gauge (.0015" to .025")**
- 2 **Ball peen hammers (small & large)**
- 1 **Gasket scrapper**
- 1 **Tire pressure gauge**
- 1 **Mechanic's telescoping magnet**
- 1 **Mechanics mirror**
- 1 **Set TORX sockets or screwdrivers (#10, #15, #20, #25, #27, & #30)**

IN ADDITION TO THE ABOVE TOOLS, STUDENTS ENROLLED IN THE FOLLOWING COURSES MUST ALSO HAVE THE TOOLS LISTED FOR THOSE COURSES.

AT 1131 Automotive Electricity
12 volt test light

AT 1232 Engine Electrical
Spark plug gap gauge
Thexton adjustable spark gap tester (#404) or equivalent

AT 1240 Braking Systems
Brake retainer spring tool
Brake return spring tool or return spring pliers

AT 2180 Service Class
3/8" drive deep well socket set - standard (3/8" to 7/8")
3/8" drive deep well socket set – metric (8mm to 19mm)