Automotive Technology Degree Program
Required Tools / Supplies List

**Wrenches**
- Combination Wrench set (8mm - 24mm)
- Torque wrench (1/2" drive)
- Torque wrench (0-75ftlb)
- Wrench (8" adjustable)

**Ratchets and Sockets**
- 1/2" drive sockets (6 pt) all 10mm through 24mm
- 1/2" drive (6"-10") extension
- 1/2" deep impact sockets all 10mm through 27mm
- 1/2" drive to 3/8" adapter
- 1/2" drive universal impact
- 1/2" drive ratchet
- 3/8" drive sockets (6 point) 7-19mm
- 3/8" drive 3", 6" & 12" extensions
- 3/8" drive to 1/4" adapter
- 3/8" drive universal impact
- 3/8" Ratchet
- 1/4" drive socket set with ratchet & extensions
- Hex Key sockets 4mm - 10mm
- Torx bit sockets (male & female) T8-60
- Spark plug sockets (9/16", 5/8" & 13/16")
- 12 pt axle nut sockets

**Screwdrivers**
- Screwdriver set (common)
- Screwdriver set (Phillips)

**Pliers**
- Pliers (slip joint)
- Pliers (needle nose)
- Pliers (locking - vise grip)
- Pliers (diagonal cutters)
- Pliers (10" channel lock)

**Hammers**
- Hammer (soft face)
- Hammer ball peen (large)
- Hammer ball peen (small)
- Hammer Dead blow
- Brass drift

**Test Equipment**
- Test light (12 volt)
- Fluke auto-ranging meter (88-V Required)
- Electrical test leads Snapon Item: MTTL300
  RadioShack 278-001
  Matco Item TLS320
- Thermometer (meat thermometer)

**Other**
- Scraper (razor blade)
- Feeler gauges (metric)
- Steel rule (6")
- Tire pressure gauge
- Tire valve core remover
- Safety glasses
- Service cart 2-3 drawer (max size 22" X 36")
- 1/2" drive pneumatic impact wrench
- Pry-bar
- Fender cover
- Tire inflator with gauge
- 2 "tru flate" air fittings
- Tape measure (std/metric)
- Telescoping magnet
- LED work/drop light
- Hearing protection
- Work uniforms

**WIFI capable portable computer able to run MS Office**

**NOTE:** Manchester Community College is not responsible for lost, damaged or stolen tools etc. Tools are a required component of the Automotive Technology program. All tools must be on campus for the first week of class & are required for all classes. Tool boxes/carts must be marked with you name.