AUTOMOTIVE TECHNOLOGY
MANCHESTER COMMUNITY COLLEGE

REQUIRED TOOLS LIST – 2024
MUST HAVE TOOLS ON CAMPUS PRIOR TO START OF CLASSES

Wrenches
Combination Wrench set (8mm - 24mm)

Ratchets and Sockets
½" deep impact sockets all 10mm - 24mm
½" drive to 3/8" adapter
½" drive universal impact
½" drive ratchet
3/8" drive sockets (6 point) 8-19mm
3/8" drive 3", 6" & 12" extensions
3/8" drive to ¼" adapter
3/8" drive universal impact
3/8" Ratchet
¼" 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")

Screwdrivers
Screwdriver set (Common & Phillips)
24" Pry-bar

Pliers
Slip-joint Pliers
Needle-nose pliers
Locking - vise grip pliers
10" channel lock pliers
Diagonal cutters

Hammers
Hammer (soft face)
Hammer ball peen (large & small)
Hammer Dead blow

Test Equipment
Test light (12 volt)
Electrical test leads i.e.
Cornwell: TE22900, Matco: TLS320, Snap-on: MTTL300

Other
Thermometer (1" or 1-3/4" dial)
Scraper (razor blade)
Feeler gauges (metric)
4 Piece pick set
Steel rule (6")
Tire tread depth gauge
Tire valve core remover
Safety glasses
Brake pad thickness gauge set
Tire inflator with gauge with tru-flate "T" fitting
Tape measure (std/metric)
Telescoping magnet
LED work light
Hearing protection
Approved work Clothes & leather work boots
Service cart 2-3 drawer *(max size 24" X 36")*
Laptop/PC

Note:
The expenses associated with the following tools are included in the course fees for Auto1012M Electrical Systems. These tools will be ordered by the Automotive Department.
- Standard click-type torque wrench (1/2" drive)
- 1/2'" drive impact
- Fluke auto-ranging meter (88-V Required)

- Manchester Community College is not responsible for lost, damaged, stolen or abandoned 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.
- Toolboxes/carts must be marked with your name.
- Tools left behind as no show, dropping, or graduation will be considered abandoned after 6 months.

Signature: _____