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.