

NCC Automotive Technology Tool list by type- Fall 2020
Safety glasses will be required the first day of lab. You can purchase them wherever you like.
NCC auto t-shirts, uniform. 30 for 3 shirts, See Program Coordinator

Wrenches

Metric combination wrench set, long handle,
12 point, none ratcheting (8 – 24mm)
Standard combo wrench set ¼ to 1 inch, long handle,
12 point, none ratcheting (5/16-1)
1/2" drive click type torque wrench 50-250ft -lbs
8" adjustable wrench
Standard flare nut wrench set (¼ – 13/16")
Metric flare nut wrench set (9 – 21mm)

Ratchets and Sockets

¼" drive ratchet and extensions 2", 4"
¼" drive metric socket set (shallow) (5.5, 6-14mm) 6 point
¼" drive metric socket set (deep) (5.5, 6-14mm) 6 point
¼" driver handle
¼" drive swivel adapter
3/8" drive ratchet and extensions (3", 6", 12")
3/8" drive metric socket set (shallow) 6 point (8-19mm)
3/8" drive metric socket set, (deep) 6 point (8 – 19mm)
3/8" drive standard (chrome) socket set 6 point (shallow)
3/8" drive swivel adapter
Torx bit set for ¼" and 3/8" drive (10t to 55t)
3/8" drive metric hex key set 2-10mm
½" drive ratchet and extensions (5", 10" suggested)
½" to 3/8" adapter
½" drive swivel adapter
½" drive metric socket set, shallow, 6 point
12-24mm
½" drive metric socket set, deep, 6 point
12-24mm 6 point
½" drive breaker bar
½" Impact Gun

Screw Drivers set

Philips, common sizes
Blade, common sizes
Pry Bar, 24 inch

Hammers

Ball-peen hammer, 24 oz
Plastic hammer /soft face

Pliers

Needle-nose pliers
Diagonal pliers (wire cutters)
Combination pliers
Channel-lock pliers
16" adjustable joint pliers
Wire crimper/stripper pliers
Vise grip plier set (needle nose, small and large sizes)

Test equipment

Fluke 115 multimeter, minimum
dwit

Removed from required but would be great to have if you can afford them.

3/8" drive standard (chrome) socket set 6 point (deep)

1/2" drive metric, chrome, deep, socket set,
12-24mm, 6 point, optional due to impact set

1/2" drive metric, chrome, shallow, socket set,
12-24mm, 6 point, optional due in impact set

Rubber mallet soft face

Snap ring pliers

3/8" click type torque wrench 5-75 ft-lbs

Small 4 peice pick set