

Washington County Community College

Heavy Equipment Maintenance Tool List

Students accepted in the Heavy Equipment Maintenance Tool List program at WCCC are expected to have certain tools prior to starting school. The tools listed below should be of top quality, but do not have to be a particular brand or brand new. If a student has a question about this matter, contact your instructor, Greg O'Leary. You are expected to bring your tools to school opening day. Drafting supplies and books can be purchased through WCCC's Bookstore.

Tool Box (lockable)
3/4" drive socket set
1/2" drive socket set to include:
 3/8" – 1 1/4" Sockets
 2 – Extensions
 1 – Ratchet
 1 – Flex bar
3/8" drive sockets set to include:
 3/8" – 3/4" deep and standard sockets
 1 – Ratchet
 1 – Extension
Set 3/8" drive flex sockets 3/8" – 3/4"
Set 1/4" drive sockets 3/16" – 1/2" to include:
 1 – Ratchet
 1 – Extension
Wrench set 3/8" to 1 1/4" set, 1 5/16", 1 3/8" 1 7/16, 1 1/2"
Screwdriver set to include:
 At least - 3 Phillips and 3 regular blades
2 ball peen hammers (16oz. and 24oz.)
Hacksaw w/extra blades
Slip Joint pliers
Needle nose pliers
Channellock/water pump pliers 15in.
Vise grip
15" adjustable wrench
Hex Wrench set
Feeler gage
Cold chisel set (includes small and large sizes)
Aligning punch – punch set (includes small and large sizes)
Pry bar
Coveralls
Leather and safety toe boots
Basic function calculator
Digital Volt/OHM meter(fused) fluke style
Torque wrench 1/2" drive approx 250ft. 16, max
Safety glasses
Diagonal pliers

OPTIONAL

Telescope gage
Feeler gage
Magnetic holder
Dial indicator gage
Small telescope gage
Straight edge
Screw extractor
Ring cleaner
Ring expander
Thread chaser
Antifreeze tester
Coolant pressure tester
Creepers
Mirror
Booster cables
Riveter kit
Air chucks
Tire repair kit
Diesel compression gage
Radiator pressure kit
Spark plug service set
Pipe wrenches
Grinder burrs
Impact Drivers/sockets