

# 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