

Diesel Technology ♦ 2024-2025 Tool List

General Tools/Supplies are required for 2nd Year, Optional for 1st Year but highly recommended. Tools are supplied for 1st Year students due to limited storage space.

Quantity		ITEM
1	each	Locking tool box (roller cabinet preferred)
2	each	Ball peen hammer (16-28 oz.)
1	each	Plastic soft-tip hammer (12-20 oz.)
1	set	Screwdrivers (standard and Phillips)
1	set	Assorted punches
1	set	Assorted chisels
1	set	Allen/torx wrenches (nut drivers optional)
1	set	Combination wrenches (std 3/8" – 1 1/4 ")
1	set	Metric Wrenches (6mm – 23mm)
3	each	Adjustable wrenches (8", 10", 12")
2	each	Pipe wrenches (12", 18")
1	each	Steel ruler (6", 1/64 increments)
3	each	Files (10"-12", flat or mill, half round, round)
1	each	Hacksaw (24T, 32T blades)
1	set	Feeler gauge (optional taper gauge)
1	each	Roll head bar (or pry bar)
1	set	Socket wrench set, std/mm, 1/4" drive (with ratchet)
1	set	Socket wrench set, std/mm, 3/8" drive (with ratchet)
1	set	Socket wrench set, std/mm, 1/2" drive (with ratchet)
1	set	Socket wrench set, std/mm, 3/4" drive (with ratchet)
1	pair	Long-nose pliers (6")
1	pair	Slip-joint pliers (8")
1	pair	Curved-joint pliers (10")
2	pair	Vice grip pliers (10")
1	set	Retaining/"Snap Ring" pliers (internal, external)
1	set	Diagonal cutters
1	each	Tape measure
1	each	Gasket scraper
1	each	Dial caliper (6")
1	each	12 volt test light
1	each	Inspection mirror
1	each	Wire stripper
1	pair	coveralls
1	each	1/2" Impact Gun
1	each	Impact Sockets (std/mm)
1	each	1/4" & 1 1/4" Angle Head Hydraulic Wrenches
1	each	Multi Meter

Welding Supplies - Needed 1st Semester of 1st Year (See Program Guidelines)

Quantity		ITEM
1	each	Arc hood
1	pair	Cutting goggles
1	each	Leather jacket (or sleeves/apron)
1	pair	Leather gloves
1	each	Striker
1	each	Chipping hammer
1	each	Wire brush (extra stainless)
1	each	Tip cleaners
1	each	Welder's cap
1	each	Soapstone holder

MUST HAVES FOR FIRST DAY OF FALL SEMESTER

1	pair	Safety glasses
1	pair	Leather boots
1	each	Notebook
		Pens/pencils



APPROXIMATE TOTAL COST OF TOOLS / EQUIPMENT

(NOTE: Does not include cost of textbooks)

\$1800 - \$3000

(Prices subject to change based on price quotes received from the vendors)

Link for Finding Textbooks & Bookstore Cost

www.bookstore.nic.edu

NOTE: It is recommended that students not purchase tools /equipment until after classes have started and specific tool / equipment requirements have been discussed in class.



North Idaho College

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