

HEAVY DUTY TRUCK TECHNOLOGY STUDENT TOOL LIST

Line Item #	Quantity	Tool Description
1.	1	Tool Box - Bottom Roll Cabinet, 18 x 26½ x 33 minimum size, at least six drawers, with castor wheels. Ability to lock and secure all drawers
2.	1	Average size top tool box to fit Roll Cabinet and the ability to lock all drawers. Top Box is Optional - Not Required
3.	1	HD Creeper
4.	1	Adapter set ¾ to ½, ½ to ¾, ¾ to 1, 1 to ¾
5.	1	Socket Set Standard - ¾" Drive Shallow (6 point) to include: Ratchet; breaker bar; short and long extensions; universal joint; ¾" to ½" adaptor; 13/16" & 5/8" spark plug sockets; Shallow Sockets - 1/4, 5/16, 3/8, 7/16, ½, 9/16, 5/8, 11/16, ¾, 7/8, 15/16, 1 inch
6.	1	¾ Drive Standard (6 point) Deep sockets - 3/8, 7/16, ½, 9/16, 5/8, 11/16, ¾, 7/8, 15/16, 1 inch
7.	1	Torx T15-T55
8.	1	Metric Socket Set - ¾" Drive - Shallow - (6 Point) - 8mm - 19mm
9.	1	Metric Socket Set - ¾" Drive - Deep - (6 Point) - 8mm - 19mm
10.	1	Socket Set Standard - ½" Drive - Shallow Impact (6 Point) To include: Ratchet; breaker bar; short and long extensions; universal joint; ½" to ¾" impact adaptor; sockets - 7/16, ½, 9/16, 5/8, 11/16, ¾, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 ¼, 1 ½
11.		Socket Set Standard - ½" Drive - Deep Impact (6 Point) To include: 7/16, ½, 9/16, 5/8, 11/16, ¾, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 ¼, 1 ½
12.	1	Metric (6 Point) - Shallow Impact Sockets (½" Drive) 10mm through 19 mm
13.	1	Metric (6 Point) Deep Impact Sockets - (½" Drive) 10mm to 19mm
14.	1	Combination Wrench Set (Long - 12 Point) to include: 1/4, 5/16, 11/32, 3/8, 7/16, ½, 9/16, 5/8, 11/16, ¾, 13/16, 7/8, 15/16, 1
15.	1	Metric Wrench Set (combination) 10mm through 20mm
16.	1	Pliers set to include: Common slip joint-10", needle nose, diagonal (side cutters), water pump (channel lock) 10" and 20", snap ring plier set (internal and external), vise grips 10", electrical wire crimping pliers (with wire strippers)
17.	5	Hammers to include: Ball pein - 16 oz.; ball pein or cross pein; 2 - 3 lb. hammer, dead blow hammer; ball pein - 4 oz.
18.	2 sets	Screwdrivers to include: standard square shank set- sizes 1, 2, 3; Philip's set - sizes 1, 2, 3
19.	1	Chisel and Punch Set to include: ½, ¾ chisels, 1/8, 3/16, 5/16 starter punch; center punch; rolling head pry bar - 12" and 20"; bronze tapered punch 7/16" x 14"; chisel holder, ¾ x 20" pinch bar
20.	1	Feeler Gauge Set to include: .001 to .030 straight blade and angle blade feeler gauges
21.	1	Tape Measure - 25 ft.
22.	1	Steel Rule - 6 inch

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23.	1	Gasket Scraper or Putty Knife
24.	1	Razor Blade Scraper
25.	1	Hack Saw (adjustable, self-storing) 10 blades, 32 tooth
26.	1 Set	Allen Wrench Set - 1/16 through 1/2"v
27.	1 Set	Metric Allen Wrench Set - 2mm-12mm
28.	4	Files with Handles (wood or plastic) to include: 12" mill file, 8" three corner file, 10" half round, 10" round file, file card
29.	1	Screw Extractor Set (easy outs)
30.	1	Oil Filter Strap Wrench
31.	1	Drill set - 1/16" - 1/2" (in 64th inches) and Index
32.	1	Blow Gun (OSHA) approved
33.	1 set	Electrical Equipment to include: 12 volt test light, battery post and clamp cleaner, clamp puller
34.	1	Fluke 87 Multi-meter - NO SUBSTITUTION
35.	1	Magnetic Pick Up Tool
36.	1	Torque Wrench - 3/8 Drive 75 ft./lbs.- flex head - click type/electronic
37.	1	Torque Wrench - 1/2" drive, 250 ft./lbs. - flex head - click type/electronic
38.	1 pair	O.S.H.A. Approved Safety glasses with Side Shields (to be purchased at D.C.T.C. Bookstore)
39.	1	Straight/Angle Truck Air Pressure Gauge/Inflator, Dual Head-120 psi
40.	5	Milton M Style - Air Tool/Hose Fittings S-715
41.	5	Milton M Style - Air Tool/Hose Fittings S-727
42.	1	Clip-On Air Chuck
43.	1	Small Oil Squirt Can
44.	1	Mirror with extendable handle
45.	1	LED Trouble light with plug-in receptacle
46.	1	Stream light pen light
47.	1	Clear plastic goggles that fit over safety glasses
48.	1	Pocket digital thermometer
49.	1	Refractometer
50.	1 set	Welding Equipment to include: Leather welding gloves with gauntlets, gas welding goggles (have to fit over safety glasses), wire brush, striker, tip cleaner, chipping hammer, Auto darkening welding helmet
51.	1 set	O-ring pick set (Snap-On # YA145)
52.	1 set	J bar pry bar set (Snap-On # BLPPB704)
53.	1	Tread Depth Gauge (Snap-On # GA599)
54.	1	Tire valve stem remover/installer - (Snap-On # BVCT107)
55.	1	Remote Starter Switch (Snap-On # MT302A)
56.	1	4 Pound dead blow hammer (Snap-On # HBFE56)
57.	1	Electronic digital caliper 0"-6" (Starrett LST67410)
58.	1	Dial indicator set with magnetic base (Snap-On GA3640)
59.	1	Hole paper punch
60.	1	Ear protectors (Snap-On # GA3200)
61.	1	1/4 inch drive socket set (Snap-On # BLPGSS1451)

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Steel Toe Leather Boots and Safety Glasses required in our HDTT Labs

Note: This is a minimum requirement.

No substitutions without instructor approval.

Tool list subject to change without notice.