## **Tools & Supplies List**



## Diesel Equipment Technology (DD/DTM) Heavy Equipment Technician (HE) Caterpillar Emphasis (CH)

## **School of Engineering Technologies**

Schneebeli Earth Science Center ESC 105 570-320-8038

\_\_\_\_\_

**Required Program Tools** 

Tool Box (Lockable, Roller Cabinet, no larger than 40" wide by 20" deep)	Measuring:
Safety/Misc.:	6" Dial Caliper
Hearing Protection (band or muff style)	0-1" Micrometer
Safety Glasses	25' Tape Measure
Flashlight	Digital Multi-Meter- Klein MM720
-	SAE/Metric Feeler Gauge Set
Telescopic Magnetic Pick-Up Tool	Hammers/Punches:
3/8" Drive Socket:	24 oz Ball Peen Hammer
3/8" Ratchet	24 oz Soft Grip Dead Blow Hammer
3/8" Drive 12-Point/SAE/Shallow Socket Set	Punch and Chisel Set
(1/4", 5/16", 3/8-7/8") 3/8" Drive 6-Point/SAE Deep Socket Set (1/4"-	12" Bronze Drift Punch
7/8")	16" Prybar
3/8" Drive 12-Point/Metric Deep Socket Set	Single Bevel Putty Knife
(8-19 mm)	Pliers:
3/8" Drive Short extension (2"-5")	12" Adjustable Joint Pliers
3/8" Drive Long extension (6"-11")	3 pc Pliers Set
1/2" Drive Socket:	(Cutters, Long Nose Pliers & Slip Joint Pliers)
1/2" Drive Ratchet	7" Soft Grip Curved Jaw Locking Pliers (Vise Gri
1/2" Drive 18" Breaker Bar	7" Wire Stripper/ Cutter/ Crimper
1/2" Drive 12-Point/Metric Deep Socket Set	Screwdriver/Picks:
(12-24 mm)	Standard Screwdriver Set (Phillips/Straight)
1/2" Drive 12-Point/Metric Shallow Socket Set (12-24 mm)	4 pc Miniature Pick Set
1/2" Drive 12-Point/SAE Deep Socket Set	Scribe, straight end/90-degree end
(3/8"-11/8")	Supplies
1/2" Drive 12-Point/SAE Shallow Socket Set	Uniform Shirts (Recommend 3)
(3/8"-1 5/16")	(Sold at College Store)
1/2" Drive Short Extension (2"-5")	Hard Toe Boots (Not sold at College Store)
1/2" Drive Long Extension (6"-11")	
1/2" Drive SAE Adjustable Click-Type Fixed Ratchet	
Torque Wrench (50–250 ft-lb)	
Wrenches:	
12-Point/SAE Combination Wrench Set (3/8"–7/8')	
12-Point/Metric Combination Wrench Set (10–19 mm)	
8mm/12-Point Metric Combination Wrench	
15/16"/12-Point SAE Combination Wrench	
SAE L-Shaped Ball Hex Wrench Set (0.05"-3/8")	
Metric L-Shaped Ball Hex Wrench Set (1.5-10mm)	
R404 Refrigeration Wrench ( <b>DD program only</b> )	