

## **Tools & Supplies List Heavy Equipment Operator (HY) School of Engineering Technologies**

Schneebeli Earth Science Center ESC 105 570-320-8038

## **Required Program Tools**

ool Box or Tool Bag	Measuring:
afety/Misc.:	25' tape measure
afety Glasses	100' open reel tape measure
ashlight – (pocket style)	12" engineer's ruler
ard hat	6' folding wooden engineer's rule
rease gun	Surveyor's Hand Level
8" Drive Socket:	Surveying Field Book
8" Ratchet	Hammers/Misc.:
8" Drive SAE Shallow Socket Set (3/8" - 7/8")	16 oz Ball Peen Hammer
8" Drive Metric Socket Set (8-19 mm)	24 oz Dead Blow Hammer
B" Drive Short extension (2"-5")	16" Prybar
" Drive Long extension (6"-11")	Putty Knife
" Drive Socket:	Pliers:
" Drive Ratchet	12" Adjustable Pliers
2" Drive Metric Socket Set (12-24 mm)	3 pc Plier Set
2" Drive SAE Socket Set (3/8-1-1/8")	(Cutters, Long Nose Pliers & Slip Jo
2" Drive Short Extension (2"-5")	7" Curved Jaw Locking Pliers (Vise
2" Drive Long Extension (6"-11")	Screwdriver/Picks:
renches:	Standard Screwdriver Set (Phillips,
E Combination Wrench Set (1/4" – 1 1/8")	Scribe, straight / hook or pick set
etric Combination Wrench Set (10–19 mm)	
E L-Shaped Hex Wrench Set (0.05"-3/8")	
tric L-Shaped Hex Wrench Set (1.5-10mm)	

Measuring:
25' tape measure
100' open reel tape measure
12" engineer's ruler
6' folding wooden engineer's rule (tenths and inches)
Surveyor's Hand Level
Surveying Field Book
Hammers/Misc.:
16 oz Ball Peen Hammer
24 oz Dead Blow Hammer
16" Prybar
Putty Knife
Pliers:
12" Adjustable Pliers
3 pc Plier Set
(Cutters, Long Nose Pliers & Slip Joint Pliers)
7" Curved Jaw Locking Pliers (Vise Grip)
Screwdriver/Picks:
Standard Screwdriver Set (Phillips/Straight)