



## Automotive Technology Program Required Tool List For Certificate Program\*

Tools required first day of classes  
Estimated Cost: \$1,500 - \$4,000

Quantity	Description	Tool Part No.	Price	Check-In
1	Rollaway tool cabinet with locking drawers (7 drawer minimum). Minimum size 36" long, 19" deep x 42" high with minimum 5" wheels.			
1	Clear safety glasses (not goggles)			
1	Ear Plugs Corded			
4	Uniform Shirts purchased from Campus Book Store			
	<b>1/4 Drive Set to Include:</b>			
1 set	(10 sockets) 6 point (3/16 through 9/16)			
1 set	(10 sockets) deep 6 point (3/16 through 9/16)			
1	2" extension			
1	6" extension			
1	5" ratchet			
1	Nut driver handle			
1 set	(13 sockets) 6 point metric (4 mm through 14 mm) with 5.5 mm			
1 set	(13 sockets) 6 point deep metric (4 mm through 14 mm) with 5.5 mm			
1	1/4 universal joint			
	<b>3/8 Drive Socket Set to Include:</b>			
1 set	6 point sockets (5/16" through 7/8")			
1 set	6 point deep sockets (5/16" through 7/8")			
1	1" extension			
1	3" extension			
1	6" extension			
1	12" extension			
1	Universal joint			
1 set	Metric socket set 6 point (9 mm through 19 mm)			
1 set	Metric deep sockets 6 point (9 mm through 19 mm)			
1	Long flex head ratchet – 12" (approx.)			
	<b>1/2" Drive Set to Include:</b>			
1 set	6 point deep metric sockets (12 mm through 24 mm)			
1 set	6 point deep SAE sockets (7/16" through 1 1/8")			
1	3" extension			
1	10" or 12" extension			
1	10" ratchet			
1	Flex handle breaker bar 18" (approx.)			
	<b>Wrench Sets:</b>			
1 set	Combination long metric wrench set (6 mm through 19 mm and 21 mm )			
1 set	Combination long wrench set (1/4 through 1")			
	<b>Chisel and Punch Sets</b>			
1	<b>Minimum</b> 10 Piece Set including 3 Cold Chisels, 3 Pin Punches, 1 Center Punch, and 3 Taper Punches			
	<b>Combination Screw Driver Set</b>			
1 set	Standard tip – 1/4" stubby, through 3/8" x 8" (5 piece set)			

1 set	Phillips tip - #1, #2, #3, and #2 stubby (4 piece set)			
	<b>Hammers</b>			
1	Ball peen hammer 48 oz			
1	Ball peen hammer 24 oz			
	<b>Pliers</b>			
1	12" channel lock			
1	7" diagonal cutters			
1	6"-8" long (needle) nose pliers			
1	7" slip joint pliers			
1	Wire stripping pliers with crimper			
1	"Vise Grip" brand locking pliers 5" model 5WR (no subs)			
1	"Vise Grip" brand locking pliers 10" model 10WR (no subs)			
	<b>Miscellaneous Tools</b>			
1	OSHA approved fluorescent trouble light with 25' cord			
1	120 PSI Tire pressure gauge			
1	Air chuck			
1	Blow Gun			
1	18" and 36" pry bar with plastic handle			
1	12 volt test light with insulated clip (6' leads) no LED lights			
1	Torque wrench 1/2 dr. 200 ft. lb. Minimum (click type)			
1	Brake hold down spring tool			
1	Brake adjuster tool			
1	Brake return spring tool			
1	Brake return spring pliers			
1	Tire valve core remover			
1	Digital calipers 0 to 6"			
1	3/8" drive std. hex bits (8 pieces) 1/8" – 3/8"			
1	3/8" drive metric hex bits (7 pieces) 4mm-10mm			
1	Mini Mag light			
2	1/4" NPT Male Air Couplers w/Male threads -Type D			
	<b>Supplies required for the Related Welding Course</b>			
1	Welding helmet with #10 lens. Fixed or lift front. Can be auto darkening. Extra lenses. No sharing of welding hoods.			
1	Welding cap			
1	Welding cutting goggles with #5 lens. Green-2"x41/4" fixed front or auto welding hood that goes to a shade 4 or 5 lens for cutting.			
1	Clear safety glasses			
1	Ear plugs			
1	Standard pliers			
1	Mig welding or needle nose pliers			
1	Shielded metal arc leather and Gas metal arc leather welding gloves			
1	Chipping hammer			
1	Carbon steel wire brush			
1	Economy 4 1/2" grinder with two 1/4" grinding wheels and 1 wire wheel attachment. You can purchase an inexpensive grinder for under \$20 if you currently don't own one.			
1	Pocket flashlight			
1	Bucket or bag to haul supplies in. No lockers available in welding lab area.			
	<b>PPE required for Related Welding Course</b>			
1	100% cotton long sleeve work shirt. To be worn under your flame-resistant jacket. NO HOODIES			
1	Flame resistant jacket 100% cotton			
1	Fitted jeans with no holes or frays			
1	Leather work boot can be steel toed. No sneakers			