

Honolulu Community College  
Auto Body Repair  
Tool List

The following entire tool list represents minimum entry-level tools needed to function as an entry-level technician (helper) in a repair facility.

The entire tool list is broken into three sections (1<sup>st</sup> semester, 2<sup>nd</sup> semester and optional). The intent of the break down is to try and lessen the burden you (student) may encounter as an incoming college student. So as you enter the 1<sup>st</sup> semester of study we (the program) will try to make the tools listed in the 2<sup>nd</sup> semester and optional sections available (**loan**) to you in the 1<sup>st</sup> semester, but you need to understand that this is on a first come first served basis and it is a daily loan not a semester and/or year loan. So if you need a particular tool and it is already being loaned out from the tool room then you will need to wait, which may compromise production time on your project. So if you do have the funds to purchase more than the 1<sup>st</sup> semester tools it is recommended that you go ahead and also purchase the 2<sup>nd</sup> semester tools but wait on the optional tools because these tools (optional) are used sparingly with the exception of one or two items.

**Required Tools: (All students should possess by the start of the third week in the 1<sup>st</sup> semester)**

- 1 ea. Safety Glasses – any style but lens must be Clear - **Needed by 2<sup>nd</sup> Day.**
- 1 ea. 3/8" Drive Ratchet
- 1 set 3/8" Drive 12pt Short, Metric Sockets 8mm to 19mm (smaller sizes may only come in 6pt. Purchase accordingly).
- 1 set 3/8" Drive 12pt Deep, Metric Sockets 9mm to 19mm (smaller sizes may only come in 6pt. Purchase accordingly).
- 1 ea. 3/8" Drive Extension (2 different lengths – short & long).  
Optional – intermediate size.
- 1 set 12pt Combination Wrenches (Metric) 10mm to 19mm  
Recommended (but not necessary) – Ratchet Wrenches with swivel head.
- 1 Ratchet Screwdriver W/assorted tips **OR** Assorted Standard & Phillips screwdrivers sizes.
- 1 ea. Interior Trim Panel Plastic pry tools (set)
- 1 Finishing Body Hammer
- 1 ea. Dolly  
Recommend – General Purpose Dolly
- 2 ea. Plastic Filler Spreaders/Mixers (Metal &/or Plastic – minimum 2 different sizes)
- 1 ea. 4" Dura Block

- 1 ea. 12" Round Dura Block
- 1 ea. 12" Dura Block
- 1 ea. ½" X 1" X 12" Dura Block

1 ea. Welding Jacket

1 Pair Welding Gloves – for MIG Welding  
May be also used to handle sheet metal.

1 ea. Welders Plier

1 ea. Wire Wheel W/arbor to attach to drill

1 ea. Permanent marker and/or scribe

1 ea. 10' (minimum) Tape Measure with both Standard & Metric reading scale

1 ea. Single Edge Razor Blade Holder – used for scraping/cleaning

1 ea. Flash Light with Batteries

1 Tool Box for storage of tools

Necessary Locks for Bathroom locker and for securing toolbox

**Required Tools: (All students should possess by the start of the second week in the 2<sup>nd</sup> semester)**

1 set 3/8" Drive 12pt Short, American Sockets 1/4" to 7/8" (smaller sizes may only come in 6pt. Purchase accordingly).

1 set 3/8" Drive 12pt Deep, American Sockets 1/4" to 7/8" (smaller sizes may only come in 6pt. Purchase accordingly).

1 set 12 pt Combination Wrenches (American) 5/16" to 3/4"  
Recommended (but not necessary) – Ratchet Wrenches with swivel head.

1 ea. 3/8" Drive Universal and/or wobble

1 ea. Combination Plier

1 ea. Center Punch – May consider spring punch and Regular punch

1 ea. ½" Chisel

3 Different Aviation Snips (1 Left Hand cut, 1 Right Hand cut, 1 Straight cut)

1 ea. Air and/or Battery Drill with 3/8 Chuck – reversible

1 ea. Angle Die Grinder with Arbor for Norton 3" grinding disc – shop will provide grinding disc.

1 ea. Blow Gun with Fitting

3 Vise Grips (Different Styles Recommended – C-clamp, Welding clamp and Duck Bill....)

1 ea. Welding Helmet For MIG Steel & some Aluminum (recommended – Self Darkening)

**Optional Tools/Equipment:**

1 set Torx Sockets T-8 to T-55 (recommend torx w/hole in center)

1 Crescent Wrench (8” recommended)

1 ea. Hook Tool

1 ea. Spot Weld Cutter – may want to wait to order.

1 Carbide Bit/Recommended Set

1 ea. Body Spoon

1 ea. DA Sander (fine finish) – w/hook it pad

1 ea. Water Pump Plier

1 ea. Utility Knife

Roll Away Tool Box – not necessary for college but for future use.