

**Portland Community College**  
**Auto Collision Repair Department-Required Tool List**  
**2024-2025**

**Auto Body Basic Skills - AB100**

**FIRST WEEK**

Welding Helmet  
Respirator Face Mask (3M 07182 or 07183)  
Respirator Filter (P100)  
Leather Boots  
Tool Box  
Lock and Key  
Welding Hat  
Leather Welding Gloves  
6" Slip Joint Pliers  
Diagonal Side cutters  
10" Adjustable Wrench  
Safety Glasses/Goggles  
Ear Plugs (Loop Style)  
9R (Welding) Vise Grips

**SECOND WEEK**

Door & Trim Tool Set (Astro 4505)  
Slotted Screwdriver, Standard 6"  
Phillips Tip Screwdriver 8"  
Magnetic-Tip Screwdriver  
Right Angle Ratcheting Screw Driver  
Torx Bit Set #8-30  
Folding Torx Set  
1/4" Drive Socket Set with Ratchet  
(6mm-14mm Standard & Deep)  
3/8" Drive Socket Set with Ratchet  
(Metric, Standard, and Deep)  
Combination Wrench Set (6mm-19mm)  
Flashlight  
Tack Puller

**FIFTH WEEK**

Pick Hammer  
Cross Peen Body Hammer  
General Purpose Dolly  
Toe Dolly

**Frame Analysis and Repair - AB105**

Metric 12' Tape Measure  
3lb Engineer's Hammer  
(cross-peen with 14-16" handle)  
1/2" Drive Metric Impact Socket Set  
(approx. 15-22mm standard & deep)  
1/2" Drive Ratchet  
1/2" Drive Breaker Bar

**Panel Repair - AB106**

Particle Masks  
Sanding Blocks (Durablock kit)  
Plastic Spreaders (4 inch)  
Blow Gun  
Air Tool Fittings (Type C - For your air tools)  
Vixen File & Handle  
10"-12" Medium Fine Flat File

**Panel Replacement - AB201**

Vise Grips:  
1 each 9R                      2 each 8R  
1 each 10R                     2 each 11R

**Technical Skills - AB205**

All tools are required from prior classes  
(AB100, AB105, AB106, AB201)

\*Some offer discounts for students. Bring student ID and arrange for discount before you purchase.

\*\*Complete tool boxes with the listed tools are available for purchase on campus in the bookstore.