

Advanced Welding and Metals Fabrication Tool List Fall 2025

Questions regarding the Tool List should be directed to James Stewart at stewart@stevenscollege.edu or Joseph Battle at battle@stevenscollege.edu

PLEASE NOTE: The Tool List is subject to change and all prices are an estimate.

Please be sure to read this entire document.

Each student is responsible for obtaining ALL items listed below. Students are not required to utilize suggested vendors.

Students receiving the Stevens Grant will have these tools loaned to them.

Item	Description	Item/Model #	Vendor	\$/Unit	Qty	Total
1	4 1/2" Angle grinder with paddle style on/off switch	43832583	MSC	\$115.77	1	\$115.77
2	Smooth cut mill file 6"	61661732	MSC	\$10.17	1	\$10.17
3	16' Tape measure	4614335	MSC	\$9.35	1	\$9.35
4	Center Punch	4567756	MSC	\$3.20	1	\$3.20
5	Scratch Awl	98142318	MSC	\$6.21	1	\$6.21
6	12" SPI Combination Square	60591773	MSC	\$87.89	1	\$87.89
7	18" Stainless Steel Rule (Graduations to 1/64")	69746089	MSC	\$38.65	1	\$38.65
8	Vice Grip Locking Pliers	89696520	MSC	\$18.66	1	\$18.66
9	Vice Grip Locking C Clamp 11"	9902834	MSC	\$24.57	2	\$49.14
11	1/4" Flat Screwdriver	62830542	MSC	\$3.50	1	\$3.50
12	Left hand Aviation Snip	6642508	MSC	\$24.64	1	\$24.64
13	Right Hand Aviation Snip	6642557	MSC	\$14.42	1	\$14.42
14	Ball Peen Hammer	40973653	MSC	\$8.55	1	\$8.55
15	Phillips Screwdriver #2	62815055	MSC	\$3.50	1	\$3.50
16	6" spring Dividers	6485064	MSC	\$9.99	1	\$9.99
17	12" Spring Dividers	6485122	MSC	\$19.88	1	\$19.88
18	Weld Fillet Gage	83259028	MSC	\$83.30	1	\$83.30
19	6" Dial Caliper	76367069	MSC	\$57.50	1	\$57.50
20	Scissor - 3" cut	66526153	MSC	\$3.80	1	\$3.80
21	Eraser - Rectangle	43917525	MSC	\$13.23	1	\$13.23
22	Sharpie - Black, Fine Tip Permanent Marker	77962017	MSC	\$2.28	1	\$2.28
23	Hand V Notcher for HVAC	86415957	MSC	\$40.91	1	\$40.91
24	Sheet Metal Clamp Weld Locking Pliers	9902867	MSC	\$16.39	1	\$16.39
25	Chipping Hammer	53620720	MSC	\$14.12	1	\$14.12
26	Wire Brush	53519542	MSC	\$7.36	1	\$7.36
	Wire Brush stainless steel - toothbrush handle	9301672	MSC	\$0.98	1	\$0.98
27	Striker	2729721	MSC	\$12.37	1	\$12.37
28	Welding Gloves (part number is for large size)	40742926	MSC	\$23.54	1	\$23.54
29	Welding Jacket - with leather sleeves (part number is for large size)	42649541	MSC	\$81.37	1	\$81.37
30	Welders Hat	58188822	MSC	\$4.67	1	\$4.67
31	Welding Helmet - Auto Darkening - Shade 9-13	29330842	MSC	\$211.12	1	\$211.12
32	Clear welding lens cover (replacement - 5 pack)	70086178	MSC	\$4.33	1	\$4.33
34	Tool box - Must fit in locker, Max size: 21 5/8" long x 13 1/4" wide	47340096	MSC	\$48.62	1	\$48.62
35	Welding Goggles with 2" x 4 1/2" x #5 Lens	6386387	MSC	\$11.54	1	\$11.54
36	Clear Face Shield and Head Gear	6529994	MSC	\$21.77	1	\$21.77
37	Welding Pliers	42886283	MSC	\$24.85	1	\$24.85
38	Safety Glasses - Clear lens	76652007	MSC	\$1.81	1	\$1.81

39	Welding magnet	280115	MSC	\$11.57	1	\$11.57
40	Stainless Steel Protractor	6475172	MSC	\$10.17	1	\$10.17
41	3M Series 6000, Half Mask Respirator	324418	MSC	\$25.28	1	\$25.28
42	3M Magenta P100 Filter for respirator (3M Part# 2091)	59335950	MSC	\$21.24	1	\$21.24
43	Level - Magnetic 9" Long, 3 Vial Torpedo Level	79235560	MSC	\$14.95	1	\$14.95
44	Cold Chisel - 7" OAL x 3/4" Blade Width	76521269	MSC	\$10.02	1	\$10.02
45	Cut- resistant gloves (Size Large)	99932766	MSC	\$6.20	1	\$6.20
46	Glove Pad - Protects back of hand from heat	64928062	MSC	\$5.57	1	\$5.57

[Amazon.com link.](#)
(Click)

47	Trammel Points - Adjustable		Amazon	\$22.99	1	\$22.99
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Total Estimated Tool Cost: \$1,237.37