Engineering CAD Technology Tool List Fall 2025

Questions regarding the Tool List should be directed to Professor Knapp at knapp@stevenscollege.edu

Please be sure to read this entire document.

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

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.

Computer: Lab computers are provided for all student work. Personal Computers should be able to run AutoCAD, Autodesk Inventor, Solidworks and Pro-Engineer CREO

Uniforms/Shop Attire: M-TH daily wear is clean street cloths. Friday shop requires closed toed shoes and long pants. NO SWEATS, tank tops or spaghetti straps. Industry tours also will require long pants and closed toe shoes

All tools on this list are required for the first day of class. These tools cover both years.

ltem	Description	Item/Model #	Vendor	\$/Unit	Qty		Total
1	Safety Glasses - Clear	4423	littlemachineshop.com	\$14.95	1	\$	14.95
2	Electronic Digital Calipers	5758	littlemachineshop.com	\$34.95	1	\$	34.95
3	Oscillating Steam Engine Kit	2594	littlemachineshop.com	\$38.95	1	\$	38.95
4	ITOYA 11 x 17 Art Portfolio ITYIA1212 (NO SUBSTITUTE)	B002XIV07O	amazon.com	\$25.61	1	\$	25.61
5	Quartz Clock Movement with hands	TIKROUND-M-120	amazon.com	\$9.38	1	\$	9.38
6	Combination Pad lock (for locker)	1530DCM	amazon.com	\$6.97	1	\$	6.97
7	3" C2C, 4 L, 1/2" proj - Brass Pull	3" C2C, 4 L, 1/2" proj - Brass Pull	rockler.com	\$13.99	1	\$	13.99
8	1/2" x 9/16 knob	1/2" x 9/16 knob	rockler.com	\$5.49	1	\$	5.49
9	Brass Plated Finial Hinge 2 1/2"	Brass Plated Finial Hinge 2 1/2"	rockler.com	\$4.99	1	\$	4.99
10	ADDA Student club membership	TSCT	TSCT ADDA	\$25.00	1	\$	25.00
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Total Estimated Tool Cost: \$ 180.28