

TROGU – DES 220 Introduction to Drawing for Designers – SFSU Fall 2021

Click on green boxes for online info.
 Click on sticky notes for descriptions.
 See page 2 for a text only list with links.



Drawing, drafting, and sketching tools and supplies.

Last update: Aug 17, 2021

Some of these tools are required and some are recommended. All can be purchased from different vendors and of different qualities. The items/brands indicated are a good buy for the price and I have checked them personally. The required tools in the past have cost approximately \$60 total but you might already own some of them.

Please note that the video associated with this list is from Spring 2021. In Fall 2021 the compass is again required. Refer also to the syllabus for the most up-to-date list.

Getting the right compass can be tricky; it should not spread wider as you draw the circles, which unfortunately happens with some compasses, even when they have a threaded screw to adjust the aperture. Make sure you check with relatives who might have a beautiful old compass set they haven't used since their college days. Any compass prior to the 1980s is gonna be good, equivalent to what today might cost hundreds of dollars.

Check also these Bay Area stores:

[Artist & Craftsman Supply – Berkeley](#) – [Blick Art Materials – San Francisco](#) – [Arch Art Supplies – San Francisco](#)
[Flax Art & Design – SF and Oakland](#) – [Utrecht – 2 SF locations: Market St and Van Ness Ave](#)

Legend (for reference only): A = Amazon B = Blick O = Other		
Required tools & supplies (or equivalent quality)		As of 8/17/21
1	Staedtler lead holder for technical drawings 2mm lead (2H lead hardness) B	9.26
2	Drafting triangles set (2): 6" 45/45 & 9" 30/60 Coopay brand, inches and millimeters A	9.99
3	Drafting compass (for circles up to at least 9" diameter – Alvin) B	12.99
4	Officemate steel 15" straight edge A	4.73
5	Staedtler Mars Plastic Eraser B	1.75
6	Olfa 180 cutting knife snap blade (do not use X-Acto knife!) B	3.89
7	Lumograph Pencil B for sketching B	1.80
8	Drafting paper pad for technical drawings (Canson, smooth) 9x12 B	6.16
9	Tracing paper pad all-purpose (Strathmore) 9x12 B	5.25
10	Sketching paper pad for free-hand drawings (Strathmore) 9x12 B	8.26
11	Painter's tape (to hold down drafting sheet) B	5.70
12	Scotch (magic) tape for rough cube construction 3/4" x 18 yards B	3.90
13	Sandpaper 220 grit or sandpaper pad B	2.55
14	Dahle Canister Pencil Sharpener (as an alternative, sharpen pencils by hand) B	5.89
15	Elmer's white glue for refined cube construction 4 oz B	2.12
	Total	84.24
	Alternate triangles and straight edge if the ones above (#2 & #4) are not available	
1	Alternate triangle: 8" 30/60 triangle (Alvin) A	10.17
2	Alternate triangle: 6" 45/45 triangle (Alvin) A	9.81
3	Alternate straight edge: 12" Aluicolor aluminum; ideally 15" B	7.25
	Recommended / suggested tools (not required but very useful if your budget allows it)	
1	Aluicolor aluminum T-square 18" O	11.20
2	Alvin 8.5x12 Self-healing cutting mat (use the back of your drafting pad as alternative) B	9.45
3	Staedtler 2H 2mm drawing lead A	4.22
4	Staedtler rotary action lead sharpener for 2mm leads (use sandpaper as alternative) A	8.50
5	Top quality pencil sharpener (Blackwing) B	9.95
6	Palomino Blackwing 602 pencils for sketching – set of 12 B	24.95
7	Mirado Black Warrior pencils for sketching (set of 12) B	2.97
8	Staedtler drafting dots (instead of tape to hold drafting sheet down) B	14.20
9	Bone folder (for paper and bookbinding projects) O	5.70
10	Micron pens 0.3 mm set of 3 (only for your own use -- no pen use in this class) B	6.84
11	Color pencils 1: Prismacolor Verithin color pencils (harder, hexagonal cross-section) set of 12 B	7.88
12	Color pencils 2: Prismacolor Premier color pencils (softer, round cross-section) set of 12 B	14.53
13	Shaedler precision rules (inches, decimal inches, millimeters, & picas) original twin set O	47.98
14	Architect's scale A	8.64
15	Drafting board, with or without a parallel straight edge (which works like a T-square but better and faster) O	(various)