










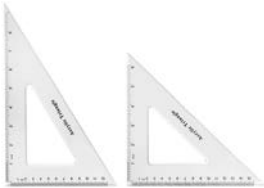







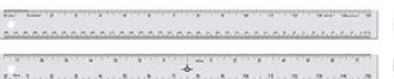





































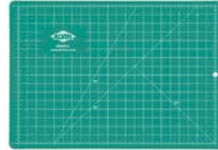















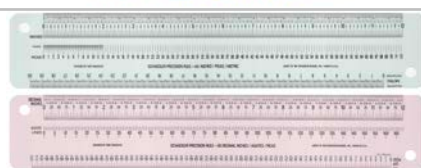












DES 320 Drafting & Sketching for Design (Trogu) FALL 2023 -- Required tools					
		Note: images not to scale	Prices as of 2023-01-25		
Item		Item pic	Amazon	Blick	Flax
1 Staedtler Mars Technico 780 2mm M— Mechanical Lead Holder for technical precision drawing — use with 2H lead (graphite).			\$8.92	\$9.87	\$12.00
2 Mars Lumograph Leads 2mm.			—	—	\$3.00
3 Staedtler Mars Plastic Eraser.			—	—	\$1.60
4 Alternative to #1,2,3 above: Set of Staedtler mechanical lead holder, leads, and eraser.			\$16.00	—	—
5 Dahle 301 Precision Sharpener for 2mm Leads.			\$7.97	—	\$10.80
6 Coopay Triangle Set 30/60° (9") & 45/45° (6") -- Triangle Hollow — For drafting with			\$15.99	—	—
7 Kern Jointed Bow Drafting Compass — For drawing circles and geometric constructions.			\$21.99	\$21.99	—
8 Alternative to #7: Alvin Introductory Bow Drafting Compass			\$14.99	\$14.07	—
9 Alumaticolor Aluminum Straight Edge 12-Inch Silver		 F B	\$7.00	\$6.50	—
10 Optional 1: Alumaticolor Aluminum Straight Edge 15-Inch		 F B	\$6.95	—	—
11 Optional 2: Officemate Steel Ruler 15 inches			\$6.13	—	—
12 OLFA 180 Multi-Purpose Knife 9mm — DO NOT use X-acto knife type			\$6.94	\$3.99	\$4.30
13 Strathmore 9x12 inch 300 Series Bristol Pad Smooth Surface — For technical drawing.				\$8.15	\$10.95
14 Strathmore Tracing Paper Pad 9x12" 25 lb (41g/m2).			\$7.38	\$6.22	\$6.95
15 Canson Sketching Pad Fine Grain 9x12" 50lb (74g/m2) — For freehand sketching. Will have some in class the first few weeks.			—	\$9.63	\$10.50
16 Lumograph Pencil B for sketching.				\$1.78	\$2.00
17 Staedtler Double Hole Pencil Sharpener — For regular pencils, including B above.			\$5.99	\$5.70	\$5.10
18 Multi-Surface Adhesive Tape, 0.94 Inches x 60 Yards, 1 Roll			\$3.49	—	—
19 3M Magic Tape with Dispenser 3/4" x 800" — For cube construction.			—	—	\$2.85
		Total: \$100.18 (Min.) -- 134.87 (Max.)			

DES 320 Drafting & Sketching for Design (Trogu) FALL 2023 Optional, recommended (for industrial design classes), or alternative tools & supplies (various sources)					A = Amazon B = Blick F = Flax	
1	Art Alternatives Drafting triangle 10" 30/60/90 -- AA27137			\$9.49	Art-Alternatives	
2	Art Alternatives Drafting triangle 8" 45/45/90 -- AA27134			\$8.79	Art-Alternatives	
3	Stainless Steel Erasing Shield			\$3.99	A	
4	Sandpaper pad for sharpening mechanical lead holder and compass leads & alternative to Dahle 301			\$1.90	B	
5	ScotchBlue Multi-Surface Painter's Tape 0.70 Inches x 60 Yards			\$4.49	A	
6	Staedtler Pencil Set 12 Hard/Soft Degrees from 2H to 8B			\$18.47	A	
7	Dahle Canister Pencil Sharpener (as an alternative, sharpen pencils by hand)			\$6.49	B	
8	Elmer's white glue for refined cube construction 4 oz			\$2.12	B	
9	ALVIN T-Square 24 inch			\$25.75	A	
10	Alvin 8.5x12 Self-healing cutting mat (use the back of your drafting pad as alternative)			\$9.99	A	
11	Top quality pencil sharpener (Blackwing)			\$15.00	B	
12	Palomino Blackwing 602 pencils for sketching – set of 12			\$27.00	B	
13	Mirado Black Warrior pencils for sketching (set of 12)			\$3.24	B	
14	Staedtler drafting dots (instead of tape to hold drafting sheet down)			\$14.50	B	
15	Bone folder (for paper and bookbinding projects)			\$5.70	Talas	
16	Color pencils 1: Prismacolor Verithin color pencils (harder, hexagonal cross-section) set of 12			\$9.87	B	
17	Color pencils 2: Prismacolor Premier color pencils (softer, round cross-section) set of 12			\$14.59	B	
18	Shaedler precision rules (inches, decimal inches, millimeters, & picas) original twin set			\$49.98	Shaedler	
19	Architect's scale.			\$8.64	A	
20	Drafting board with parallel edge (or without to use with T-square).			Various	Various	
21	Mitutoyo 500-196-30CAL Digital Caliper with Calibration Inch/Metric 0-6" Range			\$161.70	A	
22	16 Lineco PVA Adhesive 8 Ounces			\$10.00	A	
23	2 Staedtler Mars Lead 2mm 2H (12count)			\$9.77	A	