







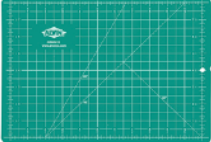
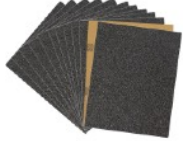







































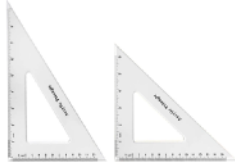
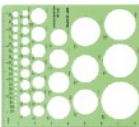
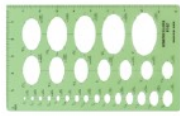


















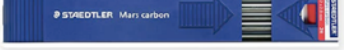




<div><div>List and links for reference only. Not all links are to Amazon, Home Depot, or Blick. Shop around for versions and prices. I have not yet personally tested all these tools and materials. Please consult with the instructor if you are not sure what to purchase. Tools marked with an asterisk are essential. Others are recommended.</div><div>Version 3 — 01/25/2026</div></div>							
DES 360 Model Development Laboratory — Trogu SPRING 2026							
	Item name	Item pic	*	Amazon	Home Depot	Blick	Notes
PPE							
1	Shop coat		*	\$36.99 (new)	\$8.49 (used)		
2	N95 dust mask or respirator.		*				
3	Modular respirator with particulate and organic vapor cartridges , recommended to always use when working with foams, sanding materials, adhesives, and paints.		*				
4	Safety glasses		*				
5	Ear plugs or better, earmuffs for ear protection in shop.		*				
6	Nitrile gloves		*				
Tools							
7	Stanley utility knife.						
8	OLFA 180 Multi-Purpose Knife 9mm — DO NOT use X-acto knife type		*	\$6.01	\$3.99	\$4.45	
9	Alvin 8.5x12 Self-healing cutting mat		*	\$9.66			
10	12-Sheet 60 Grit Wet Dry Sandpaper, 9 x 11 Inch Sand Paper		*				
	100 Grit Sandpaper, 9 x 11 Inch Wet Dry Sand Paper						
	3M 26180CP-P-G 180 Grit Pro Grade No-Slip Grip Advanced Sandpaper (20 Pack), 9 x 11", Purple			\$12.89			
	3M Sandpaper, 220 Grit, 5 Sheets, 9 in x 11 in, Sands Paint, Wood & Metal , Great For General Purpose Sanding, Very Fine Aluminum Oxide Sand Paper (9000NA-20)			\$6.41			
	Waterproof Silicone Carbide Sandpaper, 320-Grit, 9 x 11-in., 5-Pk.			\$8.05			
	3M Wet or dry Sandpaper, 9 in. x 11 inch, 600 Grit, Ultra Fine , 5 Sheets/Pack \$6.82 (\$1.36 / count)			\$6.82			
	3-2/3 in. x 9 in. Imperial Wetordry 800-Grit Sandpaper Sheets (10-Pack) \$13.71 (\$1.37 / count)			\$13.71			
11	Foam brushes		*				
12	Spatula or putty knife.		*				
13	Sanding block						
14	Miscellaneous clamping and holding devices: paper clips, clamps, straight pins. Binder Clips Paper Clamps Assorted Sizes 100 Count (Black)						
Materials							
15	XPS (extruded polystyrene) Home Depot FOAMULAR NGX 1 in. x 2 ft. x 2 ft. R-5 Project Panel XPS Rigid Foam Board Insulation (0.33 cubic feet — \$29.91/cubic foot)		*		\$9.97		Small board 24x24x1
	XPS (extruded polystyrene) Home Depot FOAMULAR NGX F-250 2 in. x 4 ft. x 8 ft. SSE R-10 XPS Rigid Foam Board Insulation (5.3 cubic feet — \$11.25/cubic foot)				\$59.97		Large board 48x96x2

16	White card stock, thin cardboard, chipboard, butter board, or museum board – between 20 and 40 point –(0.020" – 0.040" thick). — Strathmore Museum Mounting Board - 32" x 40" x 2-ply (0.030" 30-point), Gray						\$18.61
17	Polyurethane modeling board (PU) available in lab.						
Adhesives, tape, & paint							
18	Titebond 5003 II Premium Wood Glue, 8-Ounces for XPS		*				
19	3M Scotch 2090 Blue Painters Tape: 1 in. x 60 yds. (Blue)		*	\$3.31	\$2.95		
20	Dap 12330 DryDex Interior/Exterior Spackling, White 1 qt (946 mL)		*	\$8.98			
	Dap 12328 DryDex Spackling Interior/Exterior, 1/2-Pint			\$5.20			
21	Water-based sandable primer (white, not aerosol) such as Zinsser Bullseye 123 (1 qt.). Zinsser 286258 Bulls Eye 1-2-3 All Surface Primer, Quart, Gray		*	\$13.18	\$15.48		Primer for XPS.
22	Krylon Fusion All-In-One Adhesive Spray Paint Aerosol spray paint for project 3.		*				
23	Tilswall Hot Glue Gun Kit with 30 Premius Glue Sticks (optional).						
24	Gorilla Glue (Original Polyurethane) , only when using high density foams, and/or:		*				
25	Five-minute 2-part epoxy. The type with two separate tubes (J-B Weld) is easier to dispense than the type with a single syringe. — J-B Weld 8271 KwikWeld Professional Size Steel Reinforced Epoxy Twin Pack - 10 oz.		*	\$19.98			
26	Bondo type 907 body filler, single tube.		*				
27	DAP 271 Weldwood Original Contact Cement, Tan 16oz (473 mL)		*	\$16.95			
	DAP Weldwood Contact Cement Original 3oz (88.7 mL) \$2.99 / fl oz			\$8.98			
28	Purdy 144080115 Clearcut Series Dale Angular Trim Paint Brush, 1-1/2 inch						
Drafting tools							
29	Strathmore 9x12 inch 300 Series Bristol Pad Smooth Surface — For technical drawing.				\$6.40	\$11.60	
30	Strathmore Tracing Paper Pad 9x12" 25 lb (41g/m2).			\$7.11	\$6.71		
31	Canson Sketching Pad Fine Grain 9x12" 50lb (74g/m2) — For freehand sketching. Will have some in class the first few weeks.				\$8.85		
32	Staedtler Mars Technico 780 2mm M— Mechanical Lead Holder for technical precision drawing — use with 2H lead (graphite).			\$8.66	\$9.57		
33	Dahle 301 Precision Sharpener for 2mm Leads.			\$14.94		\$11.70	
34	Lumograph Pencil B for sketching.				\$1.82	\$2.25	
35	Staedtler Pencil Set 12 Hard/Soft Degrees from 4H to 6B			\$13.69			
36	Staedtler Double Hole Pencil Sharpener — For regular pencils, including B above.			\$6.36	\$5.73	\$5.30	
37	Staedtler Mars Plastic Eraser.					\$1.60	
38	Fine-point felt-tip pens.						
39	Sharpie brand felt-tip marker for labeling.		*				
40	Alumicolor Aluminum Straight Edge 12-Inch Silver		*	\$9.20	\$7.75		
41	Coopay Triangle Set 30/60° (9") & 45/45° (6") -- Triangle Hollow			\$11.99			
42	Circle template(s). 0.0625–1/16" to 2.00–2".						

43	Isometric ellipse template(s). 0.0625–1/16" to 2.00–2".						
Other recommended tools & materials							
44	Set of small files and rasps.						
45	Kern Jointed Bow Drafting Compass — For drawing circles and geometric constructions.			\$23.14	\$22.69		
46	Aleene's Original Quick Dry Tacky Glue 4 oz. — For final cube construction.			\$5.94	\$2.75	\$3.69	
47	Small hacksaw ...						
	... coping saw...						
	... or jeweler's saw.						
48	Mitutoyo 4-Way Digital Caliper. 6in Inch/Metric, +/- 0.0010 Accuracy			\$169.85	Grainger		
49	Dremel set or similar multi-tool.						
50	Airbrush and compressor – Harbor freight						
51	Top quality pencil sharpener (Blackwing) B			\$18.00			
52	Palomino Blackwing 602 pencils for sketching – set of 12 B			\$34.00			
53	3D printer						
54	Cricut rotary cutter						
55	Bone folder (for paper and bookbinding projects)			\$6.25	Talas		
56	Color pencils 1: Prismacolor Verithin color pencils (harder, hexagonal cross-section) set of 24			\$19.13			
57	Color pencils 2: Prismacolor Premier color pencils (softer, round cross-section) set of 12 B			\$14.59			
58	Architect's scale.			\$7.35			
59	Drafting board with parallel edge (or without to use with T-square).			Various			
60	2 Staedtler Mars Lead 2mm 2H (12count)			\$8.00			
61	Alumicolor 24-inch Wood/Acrylic T-Square			\$28.95			
62	Stainless Steel Erasing Shield			\$6.59			