

BASIC EQUIPMENT

- Alvin PXB42 PXB Series Portable Parallel Straightedge Board 30" x 42"
- Martin U-PEB2436K Adjustable Angle Parallel Drawing Board, XX Large 24" x 36"*
- Art Alternatives Parallel Straightedge Drawing & Drafting Board 24"x36"*

* The Martin and Art Alternatives boards listed below are also acceptable but not recommended. If you do choose to purchase one of these units please DO NOT get a smaller size than 24"x36" or you will have to return them for the larger size as they will not work with the paper we use for class.

DIY Option:

- a flat wooden board ideally a smooth veneer plywood 48" x 32" ... with Alvin, VYCO, Borco or similar vinyl board cover and ... a 36" to 42" wide parallel rule straightedge (no metal edge) by Mayline, Paral-liner, Alvin, or similar.
- Drafting/ Swing Arm clip-on desk lamp, swing arm to be min. of 30"
- Drafting chair/stool, with adjustable height. There are many options available, most under \$150.00 will be just fine but keep in mind you will be spending a fair bit of your day in this.
- Surge protector with (minimum) 10' long cord
- Mouse for computer, NOT travel sized, something substantial as you will use it a great deal.
- Adobe Creative Suite software... must be installed by October, 1 refer to separate specifications on website regarding computing and software requirements.
- Digital Camera, phone camera is acceptable if excellent quality such as iPhone.
- Basic hand tools, hammer, 25' measuring tape, screw drivers, pliers, adjustable wrench, carpenters' knife/large box cutter.
- Shinwa Japanese #19 Stainless Steel Protractor 0-180 degrees with Round Head.

Or:

- General Tools 18 Round Head Metal Protractor
- HanYan Angle Finder Swing Arm Protractor 0-180 degrees stainless steel 100mm Angle Tool

PAPERS, BASSWOOD SCALE LUMBER, ADHESIVES

- Strathmore 400 series Drawing Sketchbook, spiral bound, 9"x12" (24) sheets
- Strathmore 342-119 300 Series Bristol Vellum Pad, 19"x24" Tape Bound, 20 Sheets
- Trace paper roll, white, 12" x 20 yd.
- Chipboard, 3 sheets of these thicknesses: 1/32", 1/16", 1/8" these are often hard to get from anywhere other than an art supply shop like Blick or Utrecht. Be sure to order sheets approximately 30" x 40" or larger.
- Basswood sticks and sheets including 1/4"x 1/4", 1/8"x1/8", 1/8"x1/32", 1/16"x1/6", 1/16"x1/4", 1/32"x1/32", 1/32"x3", 1/16"x3", 1/8"x3" lengths vary by manufacturer but generally 18" to 24" in length is fine. Please bring 6 to 10 pieces of each size.
- Tacky Glue, Mighty Tacky, Craft Glue, Elmer's, or similar basic white glue.
- Zap-A-Gap brand super glue, typically mail order only from art supply or online retailers.
- Zip Kicker accelerant in brown bottle w/pump sprayer dispenser. NOT the aerosol can style.

ESSENTIAL DRAFTING EQUIPMENT

- 16" 45°/45°/90° Drafting Triangle with NO inking edge by Alvin, Staedtler, or Equal
- 16" 30°/60°/90° Drafting Triangle, with NO inking edge by Alvin, Staedtler, or Equal
- 12" Adjustable Drafting Triangle with NO inking edge by Alvin, Staedtler, or Equal
- Drafting quality compass, minimum 6", very high quality ... with extension beam
- Architect's scale
- Engineer's scale
- Draftsperson's dusting brush
- 3 lead holders for 2 mm thick graphite 2 mm graphite refills, 4H, 3H, 2H, H, HB, B
- Lead pointer
- Circle template
- Scale human figures template
- Various pencils for sketching including 8B, 7B, 6B, 4B, 2B, HB leads, (1) of each type minimum plus a good sharpener. You may also purchase these as a set of 6 from Staedtler Lumograph Graphite Drawing and Sketching Pencils 100G6 in a metal tin.
- A plastic or metal tool box large enough to hold all your drafting tools, triangles, & construction tools no wider than 12"-14" no longer than 32"

ERASERS & CLEANERS

- White vinyl eraser by Alvin, Staedtler, or Equal
- Large Kneaded Eraser with case by Faber-Castell or equal
- Eraser shield (metal credit card size) by Alvin, Staedtler, or Equal
- Dry cleaning pad by Alvin, Staedtler, or Equal