

**BASIC EQUIPMENT**

- **Parallel Drawing & Drafting Board -custom made by art supply store. 33x36 - recommended**
- Martin U-PEB2436K Adjustable Angle Parallel Drawing Board, XX Large 24" x 36"\*
- Art Alternatives Parallel Straightedge Drawing & Drafting Board 24"x36"\*
  - \* You only need one of the drafting board options listed above
  - \* 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. These options typically do not last throughout the duration of the 10 semesters, which is why we cannot recommend the mass produced kits/boards.
- 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 September 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", 1/16x1/16", 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