ARCH1015
ARCH 1016
VIRGINIA-TECH -SCHOOL OF ARCHITECTURE + DESIGN
FOUNDATION DESIGN LABORATORY

This is a basic list of tools and materials you will need to start work in the lab. Each Design Lab will discuss further materials and tools as needed.

1.0 BASIC SET-UP
   task lamp  (LED, clip to desk)
   storage trunk  (lockable, approximately 30”x18”x14”)
   cable and lock  (to lock trunk and attach to desk)

2.0 DRAWING TOOLS + MEDIA
   graphite sticks:  Derwent Natural Graphite Sticks, General’s Kimberly Graphite Sticks 4B 1/2”, or sim.
   graphite pencil sets:  Faber-Castell 9000, Koh-I-Noor Toison D’or, Staedtler Lumograph, or sim.
   2mm lead holder:  Staedtler Mars Technico 2mm Lead Holder, or sim.
   2mm graphite leads:  (6H, 4H, 2H, H, 2B, 4B, 6B)
   lead pointer (rotary type):  Staedtler Mars Rotary Action Lead Pointer, or sim.
   charcoal pencils (mixed):  Prang Wrap Charcoal Pencils, Derwent Charcoal Pencils, or sim.
   colored pencils:  Prismacolor Premier Colored Pencil Sets, or sim.
   black felt tip ink pens:  Faber-Castell Pitt Artist Drawing Pens, Sakura Pigma Micron Pens & Fineliners, or sim.
   (range of sizes, e.g. Sharpie Ultra Fine Point, Fine Point, Chisel Tip)
   compass:  Staedtler Masterbow compass, or sim.
   triangles:  10” adjustable, 30/60/90°, 45°
   t-square:  Staedtler Wood T-Square 36” or sim. (30” min)
   sketchbooks:  plain, non-ruled, acid-free, non-spiral binding; Canson Field Sketch Books, Strathmore Hardbound Art Journals, Moleskine, or sim.
   bond paper roll:  18-24”, Canson 116 Bond Layout Roll 24” x25yds, or sim.
   tracing paper roll:  Bienfang Tracing Paper 18-36”, Canson Tracing Sketch Roll, or sim.
   Canson Sketch Pad:  Canson XL Sketch Pad (125 Sheets, Fold-Over Glue Binding) pad 18”x24”
   Strathmore Bristol Pad:  300 Series Bristol Tape Bound Pad (100lb. 20 Sheets Smooth) 19”x24”
   newsprint sketch pad:  Canson XL Rough Newsprint (100 Sheets - Tape Bound) 18”x24”, or sim.
   push pins:  Stainless Steel Push Pins (or white, clear, black)
   artist’s tape:  white, Pro Tapes Artist Tape 3/4”
   tape:  masking, scotch
   erasers and erasing shield:  mixed, vinyl, art gum, pink
   dusting brush:  Westcott, or sim.

3.0 MODELING TOOLS + MEDIA
   cutting knives:  pencil-type X-Acto #11; medium snap, Olfa; large, box-type, Olfa
   cutting mat:  18”x24” min.
   glue:  for paper and wood (white, Tacky Glue, UHU glue stick, NO GLUE GUNS)
   ball of string:  (cork-backed, for cutting and measuring, 24” min.)
   black thread:  (for use in wood and metal shop (not goggles)
   metal straightedge:  12” architectural, engineering
   triangular scales:  safety glasses:

4.0 DIGITAL TOOLS
   software bundle:  (pick-up @ Torgersen Hall after first day)
   wireless mouse