

BOSTON ARCHITECTURAL COLLEGE

SINCE 1889

Foundation Studio 1
Foundation Studio 2
Transdisciplinary Studio
Arc 1 Studio

FOUNDATION MATERIALS: TOOLS AND SUPPLIES

The following materials are necessary for students taking a Foundation-level studio (FND1003, FND1004, FND3032, and ARC1001 or ARC3306). Students can also expect to use them in other Foundation courses, including FND1005, FND1006, and FND1010 (undergrad) and FND3006, FND3032 and FND3010 (grad).

In addition to tools purchased at the beginning of class, you will need to purchase materials like chipboard, paper, etc throughout the semester. Be advised that tools/supplies over the course of the semester are likely to be \$300 or more.

Reach out to let us know of your progress: Manuela.Mariani@the-bac.edu
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Digital Hardware (not part of the material cost above):

- Detachable Web Camera
- Computer w/Internet Connection (5 Mbps Megabits per second, min. speed)

Mandatory Tools and Supplies (ie: impossible to work without these)

Drafting Tools:

- T-square: best if metal, 36" (90cm approx.) long (A shorter T-Square can work; it may not be as easy)
- 8" or 10" (20-25cm approx.) Adjustable triangle, clear with an 'inking edge'
- Architect's scale (NOT an engineering scale, MUST be in feet/not metric)
- Lead holder and leads 2B, HB, H, 2H
- Lead pointer for sharpening
- Drafting tape
- Mars plastic eraser (white)
- Erasing shield
- Box of single-color push pins (for need of pinning up work to observe and photograph)
- Drafting brush
- Drafting surface options to use at home (students should think through what is available & what suits their workspace and budget)
 1. Furniture: drawing board with folding legs, minimum 36" wide (90cm)
 2. Hollow-core door around 30" wide (75cm)
 3. Masonite board around 36" x 30" (90x75cm)
 4. Portable drawing board around 36" x 30" (90x75cm)

Drafting Supplies:

- Pad of opaque white drawing paper 18"x24" at least (A2 size, 42x60cm approx.)
- Roll of 36"x5-yards vellum (90cmx5m approx.)

Click [here](#) for a video of drafting with a T-Square to give you a sense of what is needed

Sketching Tools and Supplies:

- Pilot "Precise V5 AND V7 Rolling Ball" pen
- Pentel Sign Pen AND Sharpie felt-tip pen
- Sketchbook 7"x10" minimum (A5 size, 18x24cm approx.) or larger.
(a larger sketchbook or multiple ones helps you test what you like for different kinds of work)
- Trace paper : two rolls, one 12" wide (30cm) AND one 18" wide (45-50cm)
- One Prismacolor marker or similar of medium-to-light color

Click [here](#) for a video of sketching techniques and tools

Model Building Tools:

- Olfa knife (utility knife), for broad cuts
- Xacto knife for precise cuts, with #11 blades
- Elmer's, Sobo, or Alene's Tacky Glue, (all purpose craft glue, white)
- Cutting mat 12"x18" (30x45cm approx.) or larger recommended
- Metal ruler 18" long (45cm approx.), stainless steel ruler with cork backing
- Scissors
- Midwest Products "Easy Cutter"

Model Building Supplies:

- 1/16" (1.5mm) chipboard (10 sheets, 24"x36"/A1 size, 60x90cm approx.)
- 1/8" (3mm) chipboard (5 sheets, 24"x36"/A1 size, 60x90cm approx.)
- Corrugated cardboard (10 sheets, 24"x36"/A1 size, 60x90cm approx.)
- Basswood sticks (sold in bundles of 30 pieces each approximately)
1/16"x1/4"x24" AND 1/8"x1/8"x24" AND 1/16"x3/16"x24" AND 1/16"x1/16"x24"
- A toy marble
- 140lb (300g/m²) heavy-weight paper (10 sheets, 11"x17"/ A2 size, 42x60cm approx.; size can be slightly larger)

Click [here](#) to view Drafting, Sketching, and Model Building desk set up.

Secondary Tools:

Graphite pencils (2B, 2H, F), Extra lead holders, ideally one for each kind of lead, Rolling ruler
Additional pair of triangles, Miter box and saw

Suggestions of where to get tools and supplies:

- A Local art supply store near you
- Amazon.com (check to see if they ship internationally as needed)
- Blick Art Materials (shipping the US only)