

BUILDING TECHNOLOGY I SUPPLY LIST

Except for the sketchbook, most supplies listed below are already required for ARCH 21111 Design Studio I and can be used for this class as well. **You are required to maintain a separate sketchbook for this course. See note below.** Additional supplies may be necessary based on individual project requirements. Plan on bringing your sketchbook, architectural scale, pencils and erasers to class each day.

WHERE TO PURCHASE SUPPLIES

Online Retailers:

- Dick Blick Art Materials - www.dickblick.com
- Artist and Craftsman Supply - www.artistcraftsman.com
- Utrecht - <https://www.utrechtart.com/>

Retail Stores Near Campus:

- United Art & Education, Mishawaka, IN
- Michael's Mishawaka, IN
- Hobby Lobby, Mishawaka, IN

SUPPLIES

HARD COVER SKETCHBOOK

You are required to maintain a sketchbook exclusively for Building Tech I for class notes and drawing assignments. It will be turned in periodically throughout the semester. Please purchase a sketchbook that meets the specifications below. Since you are also required to keep a separate sketchbook for Design I with the same specifications, you may want to purchase two at the same time.

- Cover - The sketchbook must have a hardcover. *Do not purchase a softcover sketchbook.*
- Size - 8.5" x 11" or A4 (+/- 8.25" x 11.75").
- Paper - White, unlined suitable for dry media (pencil and pen).
- Binding - The sketchbook must lay flat when opened. The sketchbook should be *stitch bound (not spiral bound)* as this will allow you the flexibility of drawing across two full pages. *Do not purchase a sketchbook that is spiral bound or has perforated sheets.*
- Brand - Reliable brands include Moleskine, Cachet, Canson, Sennelier, Stillman and Birn (Alpha or Epsilon Series), and Daler-Rowney. The Moleskine *stitch bound* 'art collection' and similar types from other brands are especially recommended as they lay completely flat when open and allow for making larger drawings across two full pages.

<https://us.moleskine.com/sketchbook-black/p0437>

<https://www.dickblick.com/items/moleskine-folio-book-sketchbook-11-34-x-8-14-96-pages/>

TAPE MEASURE

One 25' (minimum) length with increments in inches and feet/inches. Longer lengths are fine.

Optional - Shorter lengths such as 6' tape measures are also especially useful.

DRAWING PENCILS

Reliable brands include Staedtler-Lumograph, Faber-Castel, Derwent, Prismacolor, etc.

Type: A range of lead hardness degrees from medium to soft - 2H, H or F, HB, 2B, 3B or 4B.

HANDHELD PENCIL SHARPENER

With canister for pencil shavings.

.5 MM MECHANICAL PENCIL WITH HB LEAD

ERASERS

One (1) white plastic eraser; one kneaded eraser

Optional - White 'clicking' eraser.

45 DEGREE DRAFTING TRIANGLE or ADJUSTABLE TRIANGLE

ARCHITECTURAL SCALE - 12" TRIANGULAR

ENGINEERING SCALE - 12" TRIANGULAR

CONTAINER

Small drawing tools (e.g. pencils, erasers, sharpeners) tend to fall to the bottom of your backpack. Find something to carry them in so they may be easily accessed in class and when drawing outside. This can be as simple as a clear plastic bag or an inexpensive pencil case. Nothing precious or expensive is needed.

OPTIONAL – NOT REQUIRED

The following are completely optional.

LASER MEASURE

While expensive, these are a good long-term investment. They are very useful for measuring longer lengths and heights of things not easily accessed by a handheld tape measure. We will have several available in class which you will be able to borrow to determine their usefulness before considering purchasing. If purchasing one, make sure it provides distance measurements in feet and inches.

SMALL PORTABLE TRIPOD STOOL

These are useful for drawing outdoors and for interior locations where it is awkward, uncomfortable, or not permissible to sit on the floor or ground. The stool should be a very small, lightweight, foldable tripod (or similar) type. It should be easily portable and storable in your backpack. Inexpensive types used for camping, fishing, and other outdoor activities work very well.