

INTRO TO ARCHITECTURAL DESIGN AND THEORY SUPPLY LIST (on campus)	
<i>All brand names are suggestions; total costs will vary. All supplies must be purchased and brought to class on the first day.</i>	
Model-Making	
Supply	Approximate Cost
X-ACTO Knife	\$5
X-ACTO #11 Blades (optional)	\$12
ZERRO Self Healing Cutting Double Sided 5-Ply Rotary Mat 9" x 12"	\$9
postcards (set of 20 4"x6")	\$9
Drafting	
Supply	Approximate Cost
Alvin Portable Drafting Board with parallel straightedge (20x26") <i>Only recommended if student expects to continue drawing on their own after course</i>	\$91
<i>Drafting board alternative: Alvin, SB2326, Artist Sketch Board with Cutout Handle, School and Studio Use - 23" x 26" AND Alvin T-Square</i>	\$54
12" 45/90-Degree triangle	\$14
12" 30-60-90-Degree triangle (one of these should have circle template in it)	\$11
Pencils: (holders, leads, sharpener) <i>Only recommended if student expects to continue technical drawing on their own or in architecture school after the course.</i> Staedtler Mars Technico Lead Holder (780 C); Staedtler Mars Carbon Lead, 12 x 2mm, HB (200-HB); Staedtler Mars Carbon Lead, 2mm, 2B, 12 Lead (200-2B); Staedtler Mars Carbon Lead, 2mm, H, 12 Lead (200-H); Staedtler 502 BK A6 Mars Rotary Action Lead Pointer and Tub for 2mm Leads, 502BKA6,Blue	\$58
<i>Leads alternative: Faber-Castell Creative Studio Graphite Sketch Pencil Set – 6 Graphite Pencils (2H, HB, B, 2B, 4B, 6B) + Sharpener</i>	\$11
18 in Metal Ruler (straight edge)	\$15
Strathmore (342-117 STR-342-117 24 Sheet Vellum Bristol Pad, 11 by 17")	\$16
Sharpie Permanent Marker	\$3
Drafting Dots	\$8
Alvin White Tracing Paper 18" roll	\$13
Staedtler Mars Eraser	\$2
Unlined Notebook (8.5x11)	\$12
Triangular Architecture Scale	\$8

## EXPLANATION OF MATERIALS

*The internet links below are provided as examples only, for your convenience; you are not required to purchase the exact brands or products shown, unless specified above. Nearly all the required supplies are available online at [www.artstuff.net](http://www.artstuff.net). (Please call ahead to ensure you're able to receive supplies by the time classes begin. Many items are showing up online as deliverable by a certain date prior to the order confirmation. However, after the order confirmation appears, this date shifts.)*

*All supplies from the previous list are not noted. Please use this for reference rather than an exhaustive list.*

### Drawing Supplies

#### Portable drafting board with T Square

A board laminated with a smooth surface, with a parallel ruler or T-Square, for drafting.

#### Sketch book

Select one that is easy to transport and to use whether you're sitting down, standing up, with or without supporting surfaces, and one with desirable tooth.

#### Lead holder/drawing leads

A lead holder is a mechanical pencil which holds thick leads. Drawing leads come in various weights: The "H" series are the hardest leads, good for making sharp, faint lines on paper. The 'B' series include softer leads, better for shading and filling. As the number increases, the hardness or softness increases (i.e. a 6B lead is softer than a 2B, a 6H is harder than a 2H). 'HB' is in the middle of the range. Different leads can be used together to create gradations of shading to give the illusion of shadow or depth. Students will only require 2 extra sticks of lead of each type (HB & 2H) so you may purchase smaller packs if they are available; but typically they come in packs of 12.

#### Lead pointer

Sharpens lead while encased in lead holder.

#### Eraser

Staedtler Mars erasers work well with lead without leaving a residue on the paper.

#### Triangles

These are used in conjunction with parallel rule. 30/60/90 and 45/45/90 refer to the angles that compose the triangle. An "inking edge" is beveled to prevent the pooling or smearing of ink from technical pens.

#### Trace paper

This lightweight, semi-translucent paper can be bought in a roll or a pad of separate sheets. Available in white, buff and yellow. 12" width recommended.

#### Drafting dots/drafting tape

This is used to tape paper to the drawing board. Do not use masking or scotch tape. Drafting tape easily detaches from paper unlike other tapes (also useful when building models). Dots come in a strip of separate tabs, while tape comes in a roll. Artists tape is an acceptable alternative.

#### Felt Tip Pens

(best name brand Sharpie) come in a variety of colors and thickness. Thinner pens can be more accurate, thicker pens more gestural. Some pens have a writing nib (w/ cap) at each end, on thick and one thin.

### **Bristol paper**

A smooth, medium-weight paper, good for making presentation drawings and sketch models. Comes in pads of various sizes.

## **Model-Making Supplies**

### **Cutting mat**

Stiff, self-healing plastic sheet about 3/16" thick used as a cutting surface.

### **X-Acto knife & Olfa knife**

Both knives are used for model building. Standard X-Acto knives with #11 blades are good for straight and small detailed cuts. The Olfa or utility knife is better for thicker, denser boards, but not as good for detail. We recommended students buy at least 15 extra X-Acto #11 blades. Metal ruler with safety rail An 18" metal ruler with a safety rail such as the Alumicutter (see link) is recommended. If you cannot find an Alumicutter or similar product, a metal ruler with a cork back to prevent slipping is acceptable. Sobo glue or Elmer's glue Elmer's is the most commonly used glue for models. Sobo is a white, non-toxic alternative. Both dry clear. Push Pins These are for attaching drawings to the wall, to be discussed/reviewed. Many kinds are available, in price ranges from fancy to utilitarian. (We won't be using these this summer.)

### **Metal ruler with safety rail**

An 18" metal ruler with a safety rail such as the Alumicutter (see link) is recommended. If you cannot find an Alumicutter or similar product, a metal ruler with a cork back to prevent slipping is acceptable.

### **Architect's scale**

A triangular ruler used to make/take measurements at a variety of scales typically. Note: please make sure you purchase an architecture scale not an engineering scale.

## ART SUPPLY STORES, NYC

*See the list of Art Supply Stores in New York below: (we have been unable to verify whether or not these stores are operating online now and can ship supplies, but we also recommend ordering from a local art supply store, [artstuff.net](http://artstuff.net), or Amazon. Please call before ordering to ensure accurate delivery times!)*

**The following is a list of art supply stores where you will be able to purchase supplies for studio.**

Janoff's 2870 Broadway (at 111th Street) 212-866-5747

Jerry's New York Central 111 4th Avenue (at 11th Street) 646-678-5474

Paper Presentation 23 W 18th St (at 5th Avenue) 212-463-7035

**Students can also find supplies beyond those typically found at an art supply store at these stores:**

University Hardware 2906 Broadway (at 113th Street) 212-882-2798

Canal Plastic Center 345 Canal Street 212-925-1032

The Compleat Sculptor 110 West 19th Street (between 6th & 7th) 212-243-6074