

Dimensional Layering – Student Tool List

Note: This list is a general guideline for tools students need to complete all the class projects. Most of these items are things that many of you will already have in your studios. I gave a link to a supplier for most of these, but in most cases, it is fine to substitute these items for similar ones that you already have, or to use a different supplier.

Pliers: Round, chain nose, flat nose, slimline flat nose, half round, and 1 pair with nylon jaws

Digital ruler/calipers

Dividers

6" steel ruler

Ball peen hammer – Rio Grande 8 oz.

Riveting hammer

Small anvil or steel block (to hammer on). There are small steel blocks available in the studio but they are beat up.

Rawhide mallet – Rio Grande 9 oz.

Saw frame and blades: 2/0 or 3/0

Bench pin with V-slot. There are bench pins at the desks in the studio but not all of them have V-slots.

Drill bits - 6 pack of 1mm, .8mm and a variety of smaller sizes

Files: Needle File Set Cut #2

Small set Pocket Needle File Set Cut #2

Escapement file - Friedrich Dick Knife Escapement File, #5 (riogrande.com)

Revlon Nail file

Revlon Emery File

Carbide Scribe

IRWIN Tin Snip, Flat Blade, 10-inch (22012) – Amazon.com

Lindstrom 8152 Ultra-Flush Cutters – Rio Grande

Burs: Technique™ Cylinder Cone Cross-Cut Bur, Set of 10 - Rio Grande

A variety of diamond burrs (if you have them – I will be bringing some of these if you don't).

Centering punch (a sharpened nail will work)

Fine Sharpie, #2 pencil

E. C. Moore snap-on sanding discs 150 grit and snap-on mandrel

A sheet of 220 or 240 sandpaper - Wet or Dry - 220 or 240 Grit

Optivisor Donegan OptiVISOR® with #5 Lens, 2.5X (riogrande.com)

N95 particulate respirator

Del Rey™ Safety Glasses

Sharpie Ultra Fine tip pen

Mechanical pencil

Hammer Handpiece for Foredom (optional)