

Oleksii Koval Workshop

Materials and Studio Equipment Needed

Laser printer for printing decal and PnP paper
Computer projector and screen for presentation night

For Etching:

Laser printer PnP paper, 2 sheets Per student plus a few extra sheets (<https://www.techniks.com/>)
Laser printer Waterslide decal paper, 1 sheet per student
(<https://www.hayespaper.com/products/clear-laser-waterslide-decal-paper>) 20 sheets \$17.99
Etching resist (Asphaltum). Rio Grande \$17.80
Stove or Electric burner, for boiling water AND Large metal pot to prepare salt water
OR Electric kettle(s) for boiling water.
Kosher salt, 3-5 lbs
Large plastic vertical etch containers, 1 for each power supply - Dollar store
Shorter slightly larger diameter outside containers, 1 for each power supply - Dollar store
NOTE: Vertical etch container needs to fit inside shorter container with a bit of room round
Lead sheet for cathode, thinnest gauge, 1 piece for each power supply, 1-2" longer/taller than
container and width to fit (Industrial Metal Supply carries it)
2-3 rectifiers or Bench power supplies
Ferric Chloride
Horizontal plastic etching containers (for ferric chloride)
NOTE: containers need to be 3" deep, and 1-2" longer/wider than metal plate
Styrofoam sheets, 1" minimum thick, for floats in FC bath
Plastic packing tape
Chemical Resistant gloves - 1 pair - for ferric chloride
Bamboo/wood tongs for FC bath - 2-3

For Plate Printing & Enhancement:

Black printing ink (Gamblin Artist's Colors Relief Inks-Black) \$17.85
Black oil paint (Gamblin - Asphaltum color tube) \$14.25
Fabriano Rosalina print paper - sheets (Blick 20" x 27" White) \$3.02/s 4-5 sheets = \$12.08 - \$15.10
Etching press
Testrite Hard Rubber Brayer- 1-4" & 1-6" (Blick) \$10.00 & \$11.68 = \$21.68
Watercolors (Arteza Watercolor Premium Artist Paint, 12ml Tubes - Set of 24 \$22.00
Leafing/Guilding Glue (Mona Lia - Blick) \$6.16
Imitation Silver, Copper and Gold leaf (Jerry's Artarama) \$10.00 book 25 sheets/ea
Newspaper (for ink application and removal)

For Enameling:

Enamels
Clear Fyr
Sifters
Trivets/Mesh
Firing forks/Shovels
Flattening irons

General Materials/Consumables:

Penny Bright
Comet or Bar Keeper cleanser
Green scrubby pads
Brass brushes
Paper towels
Dawn dish soap
Wooden Popsicle sticks - (stirring Asphaltum, Leafing glue, etc.)
Plastic sheeting, for covering plate inking, leafing, watercolor and etching area - get at Home Depot or Lowes

1 bucket with water and baking soda for neutralizing plates out of FC bath
1 bucket for discarding of toxic waste materials

Student Supply List

Students Should Bring:

2 pieces of 6" x 8" - 14 to 16 g copper plate
1" x 2" copper for testing of enamels

PPE:

Apron
Safety glasses/didymium glasses/welding glasses
N95 mask

Drawing of Designs:

Sketching pad or paper
Tracing paper
Graphite pencil(s)
Eraser

Preparation of Plate:

Sharpie permanent markers - Medium, Fine, Extra Fine
Sharpie oil pen, Black
Metal scribe
Sandpaper- various grits
Files
Saw frame and blades

Enhancing Print(s):

Paintbrush(es), disposable - for asphaltum
Paintbrush(es), disposable - for leaf glue
Paint brush(es), for watercolors
Paint brush(es), for applying leaf

Bring any other materials and supplies or special enamels that you would normally use or want to use in this workshop.