

92Y ART CENTER

GILDA AND HENRY BLOCK SCHOOL OF THE ARTS

Metalwork Through Historical Jewelry

Instructor: Amy Haskins

Tools and supplies

- Saw Blades (2 dozen) # 2/0 \$1.95 each
- Needle files #2 cut-set of 7 \$8.00
- Hand file Grobet #2 ½ round \$7.00
- AA Tweezers (steel) \$2.75
- Split Mandrel for sandpaper (Not tapered) \$1.20
- Sandpaper (Silicone carbide, wet/dry) one of each grit: 320, 400 (Store sandpaper in a folder flat not rolled)
- Wire Solder –Hard, Medium, and Easy - 1 foot of each
- Paint stick or stick similar in size (home depot)
- Fine tipped Sharpie
- Sketchbook/ Pencil
- 1 cuttlefish - for casting (these are fragile so you may want to wait to purchase, or I can place an order for the class all at once) approx. \$6

Notes from Amy on Materials:

I will order at cost and with a price break and you can purchase from me in class. (It can be difficult to purchase small amounts of non precious metals). I would estimate \$45 material cost, including some sterling silver (for casting) If you would prefer to work more in sterling once you've made an initial piece in non-precious metal, your material cost will be a little higher. We will discuss in class. I will also have cabochon stones available for purchase, or I'd direct you to visit Dikra gems once we discuss.

As the projects are all historically referenced, the use of bronze and copper alloys was common for day to day jewelry. We will be using the following (amounts are approximate)

- 1 ft 6 gauge bronze round wire
- 1 ft 8 gauge bronze round wire
- 1 ft 10 gauge bronze, copper, or brass wire
- 2 ft 12 gauge bronze, copper, or brass wire
- 2 ft 14 gauge bronze, copper, or brass wire
- 2 ft 16 gauge bronze, copper, brass wire
- 3x3" 22 or 24 gauge brass sheet
- 4x2" 16 or 18 gauge bronze or copper sheet
- 6 inches 12 gauge sterling round wire.
- Sterling silver shot, scrap metal, or old jewelry (we will discuss amounts as needed) for casting.

Optional But Helpful

- Paintbrush for flux / flux
- 3 Small containers – (ex. film containers - for extra solder)
- Center Punch \$1.85
- Twist drill set 53, 55, 58, 60, 64, 68 \$6.50
- Beeswax \$2.00
- Pliers- half round, chain nose, flat nose, round approx. \$7 each.
- Curved cross locking tweezers \$3.75
- Honeycomb solder block \$8.25

Suggested Suppliers

Note: Many suppliers are not open on the weekends, please call ahead for hours.

Allcraft Tool & Supply, 135 West 29th Street, (212) 279-7077 (metal, tools, solder)

Metalliferous, online only <http://www.metalliferous.com/> (tools)

Myron Toback, 545 5th Ave #1000, New York, NY 10017 (212) 398-8300 (metal, solders)

Rio Grande Catalog (for tools, metal and stones) 800-545-6566 <http://www.riogrande.com>

Dikra Gems, 56 West 45th Street, suite 1005, 212-869-6332 (for stones)

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Student Guidelines & Studio Rules

Studios are open 15 min before the start of class.

Do not enter any studio without your instructor present.

Do not enter a studio until the previous class has ended and all the participants have left the room and your instructor is present.

Students must leave studios after their class is over.

Do not use any tool that you are unfamiliar with as it could permanently damage the tool particularly hammers.

Only use hammers that you are familiar with like a “hardware hammer” if it doesn’t look familiar don’t use it you will ruin it.

Exhaust fans must be turned on when torches are being used or any materials is being melted.

Tools & Torches are coded with six different colors which denote the studios they belong in and their use;

Blue S353

Yellow S355

Red S352

Orange S350

LIGHT BLUE INSTRUCTOR’S BOX NOT FOR STUDENT USE.

Green children’s classes

If you borrow a tool from another room return it at the end of class time.

Library books are for reference only please return them in their proper order.

Students are responsible for cleaning the space they have used including the soldering station and bricks and returning tools at the end of class.

This is a communal studio please help us make your time here productive by following the above guidelines.