

92Y ART CENTER

GILDA AND HENRY BLOCK SCHOOL OF THE ARTS

Class Name: Silversmithing & Judaica (Intermediate/Advanced)

Instructors: David Butler

Metal:

Beginner students should bring a 12 x 12" sheet of 18 g copper. Intermediate/Advanced students can consult with their instructor on the first class to determine the best materials for their project.

Cutting, Filing, Drilling, etc.:

1/0 #2/0 and #4/0 saw blades 1 dozen each

Set of 6" needle files

6" or 8" Half-round swiss pattern file, w/handle - #2 cut

Pliers: Parallel-jaw in following shapes: square; round-nose; chain-nose.

Twist drills: #60; #55; #46; #38. (several of smaller sizes; break easily)

Plain, pointed tweezers (eg. "AA" style)

Silver solder (wire) Hard, Medium, Easy

Polishing:

Wet/dry abrasive paper: #320; #400; #600 (from auto or industrial supply stores; hardware stores; jewelers supply, etc.)

Plastic polishing stick (Master Finisher)

Double-side tape, such as carpet tape (at least 1" wide)

Aluminum-Oxide cloth, 2 sheets each, in following grits: #220; #400

4" muslin buff

Health and Safety:

Clear safety goggles

Welding goggles (shade 2 1/2, or 3)

Ear Protection (Sears; Shooter's supply stores; sporting goods stores or drugstores)

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)

R Gems, 48 West 48th Street, suite 210, (212) 302-3388 (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.