

92Y ART CENTER

GILDA AND HENRY BLOCK SCHOOL OF THE ARTS

Class Name: Intro to Gold

Instructor: Olivia Marie Suffern

****\$20 material fee was included in the price of tuition****

MATERIALS

Project #1: *Hoop earrings*

- 18 gauge 14k or 18k yellow gold round wire (8")

*estimated price is \$75 for 14k, \$115 for 18k (based on gold price of \$1540 per ounce)

Project #2: *Set of stackable rings*

> Hammer texture band

- 14 gauge 14k or 18k yellow gold round wire (2"-3" depending on your ring size)

*estimated price is \$70 for 14k, \$100 for 18k (based on 3 inches of gold at \$1540 per ounce)

> Twisted band

- 14 gauge 14k or 18k yellow gold square wire (3.25")

*estimated price is \$95 for 14k, \$125 for 18k (based on gold price of \$1540 per ounce)

> Braided band

- 18 gauge 14k or 18k yellow gold round wire (6")

*estimated price is \$55 for 14k, \$85 for 18k (based on gold price of \$1540 per ounce)

> "Crown" band

- 14 gauge 14k or 18k yellow gold round wire (2"-3" depending on your ring size)

*estimated price is \$70 for 14k, \$100 for 18k (based on 3 inches of gold at \$1540 per ounce)

Projects #3 and #4: *Bezel set ring, Custom design project of student's choice*

- Necessary materials for these last two projects will be informed by a discussion about gemstone properties and hardnesses in a prior class, as well as each student's design choices for their final project, and will be determined on an individual basis with consultation from the instructor.

TOOLS

Essential Toolkit:

- saw frame
- two dozen 2/0 sawblades
- beeswax or burlife
- wet-dry sandpaper in grits 240, 320, 400 (one sheet of each)
- various needle files (must have flat, triangular, and half round, but square and round may come in handy too..it is probably best to just buy a set)
- chain nose pliers
- flat & round nose forming pliers
- fine point sharpie
- scribe
- flat edge and/or drum shaped rubber wheels in black (medium abrasiveness), and blue (fine abrasiveness)

Deluxe Toolkit:

- optiVISER magnifiers in desired strength
- slotted rotary mandrel for sandpaper (cylindrical kind, not tapered)
- brass caliper (also called brass millimeter gauge)
- flat nose parallel action files

Phone: 212-415-5562 | Email: artcenter@92y.org

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- ring clamp
- half round ring file (and accompanying handle if desired)
- N95 dust mask or two
- flux brush (inexpensive, super fine paint brush will do)
- stainless steel precision tweezers
- cross-lock tweezers

Found in the Studio (no need to purchase):

- gold solder
- flex shaft
- torch
- flux
- solder pick
- pickle and quench bowl
- double-stick tape
- masking tape
- polishing compound
- bezel pusher, rocker, and burnisher
- steel and wooden blocks
- rawhide mallet
- steel hammers
- pitch bowl

Suggested Suppliers

***Be sure to call ahead to for suppliers' hours-many are not open on the weekends and close early on Fridays!**

Myron Toback (for gold)

545 5th Ave. #1000

212-398-8300

Rio Grande *online only (for tools, gold, & stones)

www.riogrande.com

800-545-6566

Allcraft (for tools)

135 West 29th Street

212-279-7077

Dikra Gems (for stones)

56 West 45th Street, suite 1005

212-869-6332

R Gems (for stones)

48 West 48th Street, suite 210

212-302-3388

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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.