

Classical Goldsmithing in High-Karat Gold or Fine Silver II

Instructor: Deborah Meyers dmeyers@92ny.org

Please bring whatever supplies you need for the project you would like to work on. A list of foundational supplies are included below. If you have any questions, please email the instructor.

Tools and solder can be purchased from Tevel at Allcraft (135 West 29th Street, Suite 205). An expanded supply list is provided for your reference but do not feel that you need to purchase everything and consult with the instructor with any questions.

Gold

- 21k solder
- 18k yellow hard solder
- 18k yellow medium solder

Basic Tools

- Charcoal Block (one side for fusing and the other for soldering)
- Soldering pick
- Joyce Chen Scissors
- 6" metal ruler Calipers
- Soldering tweezers
- Dividers
- Needle files #4 half round, #2 barrette
- Round nose pliers
- Chain nose pliers
- Sand papers
- Soldering ring holder

Expanded Tool List

Please note that not all tools are required. Consult with the instructor if you have any questions

1. Lindstrom Pliers: Set available with flat nose, round nose, chain nose and flush cutters
2. Soldering tweezers:
 - a. Curved
 - b. Straight
 - c. Locking head and shank (for stacking rings)
3. German saw frame
 - a. #4/0, #6/0 saw blades
4. Glardon Vallorbe Files, #2, #4
 - a. Half round
 - b. Barrette
5. Grobet Needle Files (cuts 2 and 4)
6. Grobet Escapement Files
7. Setting Tools:

- a. Bezel Roller
- b. Agate Burnisher
- 8. Starrett Dividers
- 9. Six inch metal ruler
- 10. Center Punch
- 11. Soldering Pick
- 12. Soldering Tweezers
- 13. Dandix Flux (Paste)
- 14. Soldering Brush
- 15. German Brass Ruler
- 16. Joyce Chen Scissors
- 17. Set of Twist Drills
- 18. Scribe
- 19. Platinum Foil
- 20. Sanding/Polishing Papers
 - a. 3M Ultra Flex Sanding Sheets
 - b. 3M Microfinishing Films w/Adhesive Back
 - c. 3M Sponge Sanding Pad (Microfine)
 - d. 3M Green Paper
 - e. 3M Radial Disks (peach and green) plus mandrels

Suggested Suppliers

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

Marco Polo 38 W 48th St STE 1100, New York, NY 10036 (212) 840-3286 (metal sheet, wire)

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

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.