

## SUMMER 2016 SESSION

### ADVANCED WAX CARVING FOR STONE SETTING WORKSHOP

**INSTRUCTOR: DONNA SHIMAZU**

**TOOLS & SUPPLIES: Bring your favorite wax working tools.**

Saw frame (2.5" to 3" throat)  
Saw blades (4/0, 2/0 and coarse #5, spiral or skiptooth blades are nice for quick removal of bulky wax)  
Vulcanite double-ended wax file  
Assorted escapement files (#4 cut square, triangle, barette, round, crossing are handy)\*  
Assorted needle files (#2 cut square, triangle, barette, round, crossing are nice to have)\*  
Hand files (#0 and #2 cut barette or flat)\*  
X-acto knife or scalpel handle with #11 blade  
Dental tools (scalars, picks, spatulas)  
Assorted Burs (round, setting, bud, kause, cone)  
Assorted drill bits  
Assorted Gravers (knife, onglette, flats, rounds)  
Alcohol lamp (unless you have an electric waxer)  
Sandpaper (200, 400, 600)  
Soft toothbrush (Japanese ultrafine tapered bristle brushes are very nice for brushing off debris.)  
Microfine or Ultrafine sanding sponge sheet from Rio Grande or soft white Scotchbrite  
Dividers  
Spring gauge  
Vernier gauge  
L-square  
Scriber  
Sketch or notebook  
Rubber cement  
Sharpie marker  
Fine Sharpie marker  
Scissors  
Ruler  
Safety glasses  
Optivisor

Optional but nice to have:

Plastic templates, small French curve  
Matt trimmer  
Electric waxer with assorted tips – wide spatula, pointed spatula, copper wire tipped (0.6mm wire)  
Matt wax gun

**Students are responsible for their own silver casting shot if they want to cast their projects on the last day of class, Sunday, the 21<sup>st</sup>. Silver shot can be purchased in class, but it is always safer to buy in advance. Carving wax and stones will be included in the kit payable to the instructor.**

\*Clean metal dust from files or bring files used just for wax. NOTE: Do not buy the so called wax files that have barbs instead of the usual cross cut teeth. They are not good for anything.

## **MAIL ORDER SUPPLIERS**

### **www.widgetsupply.com**

Very inexpensive dental scalers (pointed, round, spade, chisel, oblong), probes, ball tipped burnishers and spatulas are available, many under \$3.00. USPO shipping is available and billing can be done through Amazon.com or PayPal. (NOTE: These tools are so inexpensive that you can buy multiples and modify sizes and shapes. They may require a little finishing.)

### **Rio Grande**

6901 Washington NE  
Albuquerque, NM 87109  
(800) 545-6566

Tools, metals, findings, machinery, supplies, books, packaging/display.

### **Otto Frei**

P.O.B. 796  
126 2<sup>nd</sup> St.  
Oakland, CA 94604  
(800) 900-3734

Tools, metals, findings, machinery, supplies, books, packaging/display.

### **Allcraft Tool & Supply Co.**

135 W. 29<sup>th</sup> St. #205  
NY, NY 10001  
Ph. (800) 645-7124

Mostly tools and supplies.

### **Indian Jewelers Supply Co.**

P.O.Box 1774  
Gallup, NM 87301-1774  
(800) 545-6540

Tools, silver, 14K, books.

## **LOCAL SUPPLIERS**

### **14 Karat Club**

2255 Kuhio Ave. #1203 (enter from Seaside for validated parking)  
Ph. 924-1014

They carry 14K and sterling sheet, wire, solder, casting grain and findings. They also carry tools, supplies, machinery, some books, packaging and display materials.

### **Schwartz, Inc.**

1149 Bethel St. #400 (near Mark's Garage and Hawaii Theatre)  
Ph. 538-1410

Silver and 14K sheet, wire, solder, casting grain and findings, tools, supplies, some machinery, books and packaging/display items.