



## Master Models for Production

Taught by Manuela Jimenez and MJ Tyson

### **Basic Materials (bring wax working materials and sandpaper to the first class)**

- Double end wax file 8" Grobet
- Purple wax ring tube (flat top, large size)
- Jeweler's saw frame
- Saw blades for wax - spiral
- Saw blades for metal - 2/0 (pack of 12)
- Wire silver solder - Hard, Medium, and Easy
- Needle file set of 6 - 2 cut
- Wire cutters/snips
- Needle nose tweezers for soldering
- Set of small drill bits - assortment of 6
- Metal ruler with mm
- Fine point Sharpie
- Sketchbook and drawing pencils/pens

### **Finishing Materials (Rio Grande # for visual reference. You may purchase these tools at any supplier)**

- (1) Advant Edge Pumice Wheel Fine (Grey) Rio Grande Item # 332720
- (1) AdvantEdge Pumice Polisher, Knife-Edge, Fine (Grey) Rio Grande Item # 332727
- (1) AdvantEdge Silicone Polisher, Black, Medium Rio Grande Item # 33262210
- (1) E.C. Moore Aluminum Oxide Sanding Disc, 220-Grit. (Do not get the Snap on version, these require a snap mandrel.)
- (1) Screw Mandrel Rio Grande Item # 333108
- Split mandrels Rio Grande Item # 333130 (one for each sand paper grit)
- Wood for sanding sticks (one for each sand paper grit) (you can use ones that the hardware stores sales to mix paint like [these](#).)
- Double sided tape
- Assorted Sandpaper 150, 220, 320, 360, 400, 500, 600, 1000.
- Brush for Matte finishes (Optional) Rio Grande offers this one # 338124, but Sobel on 47th Street sells the best ones.
- Old burrs to make your own burnishing tools

### **Metal Supply**

- Assorted scraps of silver, brass, and copper sheet for model making
- Additional metal will be needed according to your design!

### **Optional**

- Flat and half-round forming pliers
- Flat and round-nose forming pliers

Additional materials may need to be purchased for projects as discussed with your instructor. Mold making and casting for this class is outsourced and will be the responsibility of the student.

### **Suggested Suppliers**

**AllCraft Jewelry Supply** 135 W 29th St #205, New York, NY 10001 *Discount to BKMW Students!*

**Zak's Jewelry Tools** 55 West 47th Street 2nd Floor, New York, NY 10036

**Sobel NY Tools** 67 W 47th St # Mezz2, New York, NY 10036

**Metalliferous**

**Rio Grande**