



Drawing Golden Wires

Taught by Erin S. Daily

Basic Materials Supply List

- Forming pliers –
 - 1 pr. half round and flat
 - 1 pr. full round and flat
- Parallel pliers – flat nose
- Flush cutters
- Sandpaper - at least one sheet of each 320, 400, 600
- Split mandrel - non-tapered
- Radial bristle wheel and mandrel - 400 grit (blue)
- Knife edge silicone wheel and mandrel - medium grit (black)
- Small scribe
- Metal ruler with mm
- 2/0 saw blades – 1 dzn.
- Firescoff ceramic spray flux – 4 oz. bottle (buy only if working in 10K, 14K, or white gold)
<http://www.riogrande.com/Product/Firescoff-Ceramic-Flux-125-ml-Spray-Bottle/504036>
- Charcoal soldering block – hard, compressed high density
- Cross locking soldering tweezers
- Small needle nose tweezers
- Crossing needle file #2 Swiss cut - 8 in. long
- Barrette needle file #2 Swiss cut - 8 in. long
- 3 in. wide paintbrush - economy (this is for collecting sweeps)
- Several individual small containers (for keeping solder, small findings, scrap and bench sweeps)

Metal Supplies

- 6 gauge round wire 3 inches
- 10 gauge round wire 6 inches minimum
- 16 gauge round wire 5 feet
- Hard, medium, and easy solder (if working in gold make sure it is plumb solder matching the color and karat of the alloy, cadmium free when available)
- Scrap gold (old jewelry, snippets of sheet, or sprues from previous castings) will be reviewed in class for potentially melting down into a new ingot

Students may work in copper, brass, silver, or the gold alloy of their choosing. We will discuss alloying in the first class session. Students should at least have heavy gauge copper or brass for the first day, though silver may be preferred.

Suggested Suppliers

For Metal and Tools:

- **Allcraft Jewelry Supply** (tool & supply discount for BKMW students)
135 W 29th St. Rm 205, New York, NY 10001 (212) 279-7077
<http://www.allcraftusa.com/>
- **Rio Grande**
<http://www.riogrande.com/Home>

For Metal:

- **Hoover & Strong** (Wholesale only – BKMW has an account for students)
<https://www.hooverandstrong.com/>
- **Hauser & Miller**
<http://www.hauserandmiller.com/>
- **Myron Toback**
545 5th Ave. #1000 10th Fl, New York, NY 10036 (212) 398-8300
<http://www.myrontoback.com/>
- **Ross Metals**
54 West 47th St., New York, NY 10036 (212) 869-1407
<https://rossmetals.com/>