

INTERMEDIATE STERLINGJEWELRY with Linda Lurcott

Objective: My objective is to assist students in developing intermediate silversmith skills, while safely enjoying the creative process in a metals studio. We will discuss and apply the following:

Topics:

- Tools and safety review
- Sterling silver and fine silver properties
- Annealing review
- Drilling, sawing and piercing
- Doming and forming
- Hammering for forming and texture
- Multiple step soldering techniques
- Bezel setting round stones
- Polishing and finishing options and patinas (coloring for metals)

Suggested projects include earrings, rings and/or pendants.

In addition, please mark your tools and supplies. Tools can get easily mixed up.

Required Materials List:

Sand paper 400-1200 grit

Sterling Silver: I suggest calling **T. B. Hagstoz** 215.922.1627 in Philadelphia for metals below:

- 2 x 4 inch of 18 gauge for rings (specify dead soft)
- 4 x 6 inch of 20 gauge for pendants, rings or earrings (specify dead soft)
- 2 x 6 inch of 18 gauge for a cuff bracelet (specify dead soft).
- 3 feet of 20 gauge round wire for ear wires (specify dead soft).
- 2 feet of 26 or 28 gauge wire Bezel wire 3/16" wide (specify fine silver)
- Cabochon (a round faced stone with flat back) approximately 10mm

Hard, Medium, Easy and Extra Easy Silver Solder

Flux

Saw blades sizes 2/0 through 4/0, a dozen each

Check a hardware store, Home Depot or your own home for the following supplies:

- Scrap piece of wood approx 12" long by 6" wide, 1" or so thick
- Work Apron
- A few rags
- Safety Glasses (shaded if desired)
- 3M respirator mask
- Pencil
- Template (your choice of shape circle, square, etc.).
- Craft or small paint brush (inexpensive)
- Ultra fine Sharpie Marker
- Straight edge 6" ruler
- Sketch pad

Optional Tool List

If you already own any of these items, please bring them with to class. I will be bringing my own stock of tools below. However students will need to share these items. If you prefer having your own, I suggest calling Allcraft USA (AllcraftUSA.com or call 1.800.645.7124) to purchase tools below:

- Smith Acetylene torch kit and tank (if possible) or Larger Butane torches
- Solder picks

- Copper tongs
- Insulated cross locking tweezers
- Ball peen hammer
- Cross peen hammer
- Rubber mallet
- Rawhide mallet
- Center punch
- Ring mandrel
- Oval and round bracelet mandrels
- Bench pin
- Jewelers saw
- Hand file #0 and #2 cuts
- Needle files
- Round nose pliers
- Flat nose pliers
- Needle nose pliers
- Flexshaft rotary tool with mandrels and rotary wheels and drill bits.

I will also bring quenching bowl, pickle pot and pickling solution to remain at the studio for the entire three week session.