

Metals Week: Steel and Gold
Bette Barnett
6/9/19 – 6/13/19

Materials to Bring:

- Sawframe
- Sawblades 2/0 or 3/0
- Lubricant for sawblades
- Bench Pin
- Files
- Needle Files
- Assorted Sandpaper (wet/dry)
- Ring Clamp (wood preferred)
- Pliers (Round/Flat/etc.)
- Wire cutters
- Scribe
- 6" ruler
- Tweezers
- Magnifying glasses (if needed)
- Task light for your bench
- Flex Shaft, Stand and flex shaft tools
- Bench Pin with "C" Clamp

Optional (Highly recommended):

- Forging hammer
- Mallet (can be a weighted Delrin or Nylon) hammer
- Texturing hammer (optional)
- Small hand shears (sharp to cut gold foil, such as Joyce Chen or sharp manicure scissors)
- Flush cutters
- Fine pointed tweezers (2 pair)
- Steel or agate burnisher (two if you have them)
- Files- flat and ½ round file (note that mild steel will not damage files)
- Apron (optional)
- Optivisor or other magnifying lenses if you use them
- Charcoal block
- Jeweler scale
- Digital calipers
- Lubricant (bees wax or Bur life) if you use it for sawing
- Easy silver solder
- Easy gold solder (will also be available for purchase in small quantities during the workshop)
- Solder pick

- 3M radial wheels, yellow and any other flexshaft burs or wheels that you like to use (optional)
- Sandpaper (sheet, sticks, etc.)
- Small inexpensive paint brushes to apply patina
- Two pennyweight of 24k gold casting grains (available from Rio Grande and other vendors). At current prices, approximately \$150.
- Notebook and pen

Your lab fee covers:

- Alloy metals
- Mild steel sheet metal
- Patinas
- A 1"x1/2" piece of keum-boo gold
- Use of all tools and equipment
- Consumables such as solder and compounds

Gold for fusing is NOT included in the kit and students are required to bring 2 pennyweight (dwt) of 24k gold casting grains available from Rio Grande and other suppliers.

PLEASE NOTE: Your tools must be clearly marked!

If you have any questions or need any additional information, please contact your instructor Bette Barnett at bette@studiomigoto.com

A NOTE FOR TRAVELING STUDENTS

If you are traveling by air and it is difficult to mail your tools, please contact Deb (metalsmithdeb@gmail.com) and let her know. We may be able to provide some tools for your use at Idyllwild so you don't have to mail or ship your heavier tools.