



Studio ♦ Jewelry ♦ Classes

Creative Surface Development with Andy Cooperman

Friday, March 29 – Sunday, March 31, 2019

Required Student Supply List

A message from Andy:

We will be exploring a variety of surfaces including those generated by the heat of a torch. These fused textures may be produced by partial melting of a particular alloy or by fusing several alloys together.

METAL: NOTE: exact measurements are not crucial.

Sterling sheet to fuse to:

- approx. 3X3 16 ga. - 22 ga. — (16ga is great to make filings from-see below)

Sterling to make filings from:

- thick piece of sheet or clean (no solder)
- we can also make an ingot from clean sterling scrap and roll into sheet.

Sterling wire:

- 12-14ga can be fun to fuse with. Don't sweat it if you don't have it.

Gold: only if you have some and wish to experiment...

- Some gold karats and alloys can be torch textured, especially some 14k rose. You may wish to try this, although every alloy is different. We can melt clean (no solder) scrap of a particular alloy into an ingot and roll sheet or you can bring a small piece of sheet if you like, 18 ga. - 22 ga.

Brass sheet

- if you like brass

For alloying:

- clean (no solder) copper scrap, approx. 1 oz.
- FINE (999) silver, approx: ½ oz.
- could be fine silver coin, bezel scrap, shot, etc.

OTHER STUFF: please don't freak out if you don't have all of this...

(Flux Metal Arts has a variety of the following tools for students to use. If you prefer to bring your own, the following are suggested...) Favorite hand tools that you like to use **such as:**

- pliers
- saw frame
- files
- hand vices, etc.
- Small riveting or goldsmith's hammer
- Solder pick (if you use one)
- Flex shaft tools
 - any burs,) buffs, abrasives, etc. that you might have
 - drills: 1mm (18ga) 8mm (20ga)
- Magnifiers (loupes/optivisors)—if you need them
- Sawblades: 2/0 & 6/0
- Silver solder: wire or sheet -easy, medium and hard
- Finishing materials, such as **Sandpapers**
 - emery (fine or medium), -220, -400
- Measuring devices (if they have or use them)
 - MM gauge or Degree gauge
- Sketchpad and pencil
- Dust mask
- Safety Glasses

•Participants should bring patterns (fabrics, papers, mesh, etc.) that could possibly be used for rolling against metal. Any favorite burs or an old "beater" hammer can be utilized in producing surfaces.

•Also, bring a surface that intrigues you-wood, stone, plastic, organic, metal—whatever. •

•there will also a supply fee of \$30, paid to instructor.