

Mesa Arts Center Jewelry Studio  
Class- Jewelry Fabrication 1A  
Instructor- Jewel Clark [hjewelclark@yahoo.com](mailto:hjewelclark@yahoo.com)  
Time- M/W 9am- 1pm, Sept 14- Oct 7

## **Syllabus/ Materials List**

This class is designed as an introduction to metals. We will begin with the very basics: sawing, filing, sanding, and polishing and incorporate simple textures and cold connections such as rivets, tabs and screws. We will work on samples and/or finished jewelry and create connections and dimension with simple bending and layering of metal. Tabs as connectors and as prongs for stones will also be covered.

### Materials List (This will be added to as needed)

We have plenty of the hand tools and machinery that you will need for this class. Bring your own hand tools if you prefer.

- 20-22g copper and bronze (*optional*) sheet ~6x6" or larger. \* You will need to purchase metal, preferably copper and bronze to start. We have some copper available for sale in the studio in a pinch.
- ~ 1ft 18-16-14 g copper or brass wire (for riveting)
- flat found object such as handmade paper, plexiglass- anything relatively flat through which a hole can safely be drilled
- 1 coil 18g copper wire
- Jeweler's saw blades- at least 3 packs of 2/0 or 3/0 (we also have some saw blades available for sale in the studio but you will definitely need to bring your own ASAP)
- A non-circular cabochon for tab setting ~ 1x1.5 or 2"

*\*Silver is great but not necessary for your first project unless you want to use it.*

### General Supply List

- work apron or old shirt
- sketch pad and paper
- sand paper (wet dry in grits of 100, 220, 320, 400, 600- one sheet ea is good to start. I also recommend keeping your sand paper in large Ziploc bags so the grit doesn't get everywhere in your toolbox. I also like to get the sand paper sticks for nails from the dollar store or Sally's Beauty Supply)
- tool kit to hold everything (I like fishing tackle boxes b/c they usually have lots of little compartments)
- safety glasses (we have these but most are fairly scratched up)
- dust mask
- magnifying glasses such as an Optivisor\*\*
- Fine Sharpie marker
- grunge scissors

### General Info:

- Open Studio is Friday mornings. This is a time when you may come in outside of class time to work on your projects.
- Wear old clothes that you don't mind getting dirty and closed toed shoes- no sandals. Also, anyone with long hair will want to bring something to tie it back with as needed.
- Please refrain from eating in the class and only drink from screw cap containers. The health hazards associated with eating/drinking in this type of environment should be obvious.
- Use common sense. Don't use anything you haven't been shown how to use and if you have any questions on safety or any procedures (even if we've already gone over them) ASK! There is no stupid question.
- copper and brass in sheet and wire form can frequently be found at your local crafts store like Michaels and/ or a hardware store like Ace, metals suppliers such as Industrial Metals (48<sup>th</sup> St South of Broadway) or Davis Salvage (~32<sup>nd</sup> ST and Washington and also at Lonnie's).
- Jewelry supplies such as saw blades, files, metal, etc. can be purchased locally at Lonnie's Jewelry Supply on 44<sup>th</sup> St and McDowell. Other sources are via mail order. I will talk about the different companies and show some catalogs in class.