

Introduction to Copper and Brass Metalwork Workshop

This is an introductory workshop where the basics for working with copper and brass will be explained and you can work on your own project. Below are two projects outlined along with the concepts, please bring in your own ideas. The capacity for each intro session is a maximum of 5 individuals and requires pre registration. Once the introductory course is completed you can attend any Sunday and have Brad's support for future projects of your own choosing.

Cost: Punchcard only

Instructor: Brad McClenlland

When: May 5th and May 12th. Folks from the May 5th workshop are welcome to continue to working on their piece on May 12th.

Location: 125 Stanley St, unit #5 parking and entry at the back of the building. Please be aware that this will be running parallel to a grinding session, consequently all cutting, filing and instruction will be happen in the office room and all torching and pickling will happen in the main space.

Overview of principles:

1. How to put a blade in jeweller's saw
2. Proper technique to use to saw metal
3. Learn different levels of the solder and what it means
4. How to gauge the heat from the flame on the metals
5. How to clean metals in a pickle
6. How to use flux
7. How to file and shape metal
8. How to work harden metal
9. How to burnish and polish metalwork
10. Optional: Metal stamping, available designs are star, moon and pinwheel. If you like you can make your punch with Brad. The cost is punch card for this as well and can happen on any Sunday.

What you need to bring:

1. A cabochon of your choice, or you can choose the easier option and make the setting first and than the cabochon to fit.
2. Your ideas and a pencil with paper for your sketches and note taking.
3. **Optional:** Your own safety glasses, we have some available in the clubhouse but if you prefer to use your own please bring them in. Additional propane torch and kiln brick. We will be sharing what we have in the clubhouse so it is not absolutely necessary.

What we provide:

1. Instruction
2. Pickle
3. Flux
4. Silver Solder
5. Safety Glasses
6. Copper, brass and wire

Overview of concepts for projects to start you off. You may bring in your own designs and request support for projects underway.



Concept 1, Beginner Easy Project: The concept is to set a cabochon with copper or brass extending beyond the cabochon edge. You can avoid all soldering with this piece and simply focus on filing, sawing and punching/drilling holes. Or, you can choose to change the tabs to a brass/copper to make the piece two tone and include soldering principles. Kindly note the shape of the stone setting should be changed to match your cabochon, tastes or preferences.



Option 2, Intermediate: An intermediate project with requires sawing the base, the bezel, a jump hoop for the bail to go into, bail and making a decorative design out of wire. All of which will be soldered together.

Ideas to inspire:

