



Enameling

Instructor: Ernst Kind

Course Objectives: Students will learn to apply and fire enamel on copper and silver. New techniques will be demonstrated to beginning and intermediate students each week.

Course Description: Enameling: the transformation of simple glass and metal to a piece of jewelry or a decorative object. Learn how two very different substances can be combined to make beautiful pieces of jewelry, dishes, wall decor and more as we engage in the centuries-old art of enameling. A supply list will be provided by the instructor. Students are responsible for purchasing project supplies and materials, which will be discussed on the first day of class.

Student Supply List:

- Small scissors
- Tweezers
- Paint brushes in a variety of sizes
- Color shaper, commonly used as a drawing tool
- Small pliers
- Small wire cutters
- Metal Cutter: *Fiskars Razor Edge Microtip Easy Action Shears or red & white handle fruit scissors*
- Toolbox
- Small screw top storage containers
- Micron marker or Flair felt tip
- Ultra-fine point black Sharpie
- Palette knife
- Preval sprayer or pump sprayer from Sally's Beauty Supply
- metal files – small from Harbor freight, large single file
- dental tools or something similar for cloisonne
- Students will be supplied with a limited amount of copper at the beginning of the session. More copper will need to be purchased to complete the class. Students will be expected to purchase enamel for large-scale pieces. Check with the instructor before ordering online or purchasing locally.

Course Schedule:

Beginning Students will learn:

Week 1: Learn to fire flux (transparent clear enamel) on copper. Students will learn studio safety and procedures.

Week 2: Introduction of transparent enamels and color theory. Layer colors, fire enamel on flux and directly on copper.

Week 3: Introduction of opaque enamels, stencils, and sgraffito.

Week 4: Exploration of painting enamels including watercolor, lusters, and oil-based paints.

Week 5: Form a shallow dish from copper sheet and learn to enamel on a three-dimensional surface.

Week 6: Continue work on shallow dish. Introduction of threads, lump enamel, silver foil, beads, and millefiori

Week 7: Beginning cloisonne. Learn how to choose the correct metal, wire, and type of enamel for individual projects.

Week 8-10: Instructor guided instruction. Finish projects.

Intermediate & Advanced Students will learn techniques from the following list:

No specific order will be followed. The timeline for technique demonstrations will be tailored to each group of students and their needs.

Scrolling

Jewelers saw

Advanced cloisonne techniques

Fold forming metal

Use the rolling mill to texture metal

Reactive enamel

Crackle enamel

Additional mark making techniques

Finishing options