

**Lapidary** Supplies \$5 and up

Lapidary is the art of cutting and polishing stones. The student will learn how to cut gemstones, using specialty saw and grinders to shape the gemstone into cabochons (cabs) that can be set into commercial jewelry, or can be used in wire wrapping or silversmithing projects. Students will be provided with their first slab (a slice of agate or jasper). Student may bring their own gemstone and instructors will have other slabs and gemstones available for the student to purchase. Day and night classes are 2- 3 hours long, offered each week for the 3 month quarter. You should cut a number of gemstones during the quarter. Your instructor will help you learn what to look for in gemstones and how best to orient them into a beautiful design.

**Silver Jewelry or Silver Fabrication** Supplies \$50 and up (Depending on the price of silver)

In this class you will learn the art of silversmithing or fabricating silver into beautiful jewelry. Using an acetylene gas torch you will learn the fine art of soldering, and basic jewelry design. For new silversmiths you will learn the basics which include the proper way to handle a torch, how to use various hand tools and basic jewelry design. For the more advanced or retuning students you will learn new techniques and have the ability to complete your own designs and projects. Instructors will have silver and other materials available for students to purchase. Each instructor will teach his or her methods and designs. As you advance you will be given the option to advance to more challenging projects. You may purchase gemstones and/or silver from the instructor or bring your own, except where the instructor teaches different projects in class.

**Faceting** Supplies \$10 and up

Faceting is the art of cutting gem stones to look like diamonds, so that it gathers light and then sends it back to the viewer. You will learn to use a faceting machine. The beginning student will learn the basics and use simple material and design to cut their first stone. During this process you will learn the proper use of the faceting machine, how to read a facet diagram, and various tricks of the trade. These techniques can then be used by the student to cut semi-precious and precious gem stones.

**Chain Maille Jewelry (Solderless Chain Making)** Kit Fee \$25

This class is designed for the beginner to learn the basics of making chains with unsoldered jump rings. Students will be shown how to take raw wire to finished jewelry. You will be shown how to select the wire gauge and jump ring size, coil and cut jump rings, weave the chain patterns, polish and complete the jewelry item. Byzantine, Box Chain, Helm Chain and other chain weaves will be taught. It is recommended that you bring your Optivisor or other magnifier to use in class, as these are not provided. The school will provide all other loaner tools. Copper wire will be used for the various projects. If you wish to use sterling or other wire you will need to bring it with you or make arrangements to obtain it through the class instructor ahead of time.

### **Introduction to Jewelry Making**

The goal of this class is to introduce the students to the design and fabrication of jewelry, as well as the primary tools and how they are used. This class will include discussions on the thought processes of designing and fabricating jewelry, various methods that can be utilized, and the steps to complete the design. This will include the various types of hand tools (pliers, hammers, cutting tools, etc.), torch usage, soldering techniques (including types of solder joints, types of solder, etc.), pickling, various methods of polishing (buffing machine, Dremel-type tools, flex-shaft tools, etc.), While this class will do some fabrication, the emphasis will be on the thought process of designing jewelry and the proper usage of the tools involved.

### **Intro to Jewelry II**

A continuation of the concepts, practices and ideas discussed and explored in Intro to Jewelry I. Students are encouraged to bring their own design ideas to learn the practicalities of design, how to scale their project, deal with design challenges and work toward finishing their designs.

Prerequisite is either successful completion of Intro I or previous silver training (talk with the instructor if unsure of your skills.)

### **Tree of Life pendant** Kit fee required, see schedule for cost

In this 6 hour workshop you will learn how to make beautiful Tree of Life pendants out of copper wire, cabochons and seed beads. You will make several different types of pendants, some will be framed, and some will not. You will start with the basics and then work your way to more complicated styles.

### **Simple & Easy Wire Work & Wire Jewelry** Kit fee required, see schedule for cost

This is project based class. This will not be a standard wire wrapping class. You will be creating a pendant and earrings. You will learn more modern & quick simpler methods. You will use cabs, focal beads and beads with holes drilled in them. You will also learn several different ways to make a Leather cord for your pendant.

### **Simple Wire Wraps for Cabochons** Kit fee required, see schedule for cost

Students will learn how to do simple wraps on Cabochons they have created in lapidary class. I will supply all the wire and teach you how to wrap your cabochons, and I will have cabochons available.

### **Standing 3-D Tree of Life 3" to 6" tall** Kit fee required, see schedule for cost

In this two day workshop you will make a beautiful 3-D tree of Life in a design of your choice, ie... Bonsai, oak, or whatever tree you can think of. You will be using copper wire, a rock base to mount your tree on, and use assorted beads and chip bead to embellish the tree.

**Forged Link Jewelry** Kit fee required, see schedule for cost

In this Workshop, using Forging methods you will be making Forged Links into Bracelets, Chains or other items. You will be using hammers, anvils, bench blocks, files & pliers to form your wire.

Tools you will be using: Hammers, Anvils, Bench Blocks, Files & Pliers, Wire  
We will be using Copper Wire but if you have wire that you want to use bring it with you.

**Forged Pendant** Kit fee required, see schedule for cost

In this Workshop you will be using Forging methods to create Pendants. You will be using hammers, anvils, bench blocks, files & pliers to form your wire.

Tools you will be using: Hammers, Anvils, Bench Blocks, Files & Pliers, Wire  
You will be using Copper Wire but if you have wire that you wish to use bring it.

**Cuttlebone Casting** Kit fee required, see schedule for cost

Casting with Cuttlebone is one of the oldest form of Casting that has been used all over the world. You will learn how to prepare the Cuttlebone for Casting then learn how to carve into the Cuttlebone the shape that you want. You will then learn how to cast your piece & then how to finish it.

Tools that you will be using: Torch, Jewelers Saw, Carving tools, Pliers, Wire cutters, Wire, & Sand

If you have a Dremel or Foredom that you wish to use you may bring it but you need to bring your own bits.

You can bring your own Casting Grain or CLEAN scrap or the School has Brass Casting Grain that you can purchase.

**WireWork Cross with Gemstone Beads** Kit fee required, see schedule for cost

In this Workshop you will learn how to make a Cross using wire & Gemstone Beads by bending & forming the wire around the beads to make them secure. Then you will learn how to finish your Cross with a bail. Tools you will be using: Pliers & Wire Cutters, Wire, Beads, and Bead Reamers

I will have beads & wire for you but if you have beads that you wish to use bring them. If you have pliers of your own that you wish to use you bring them with you.

**Stained Glass** Kit fee required, see schedule for cost

Kit fee gets student glass and supplies enough to make 2 projects: I – Mosaic on glass, II – Tiffany style using copper foil. Students are asked to bring drawing paper and supplies to create your design template, along with any personal glass or items you wish to incorporate into the design. A fair selection of colored art glass will be provided as part of the kit, additional glass will be available for purchase.

**Egyptian Coil Necklace** Kit fee required, see schedule for cost

The Egyptian coil pattern has been traced back 4,000 years, and is a timeless and gorgeous pattern for necklaces, bracelets, and earrings. Come join us and I will teach you this timeless pattern.

**Electric Etched Copper Earrings** Kit fee required, see schedule for cost  
We will make 5pairs of earrings per student and learn 2 different techniques for applying the designs to the earrings. We will etch the earrings and then learn the different coloring techniques, and finishing techniques. Students will go home with 5 beautiful finished pairs of earrings.

**Quarter Ring Workshops** Bring your own quarter  
In this workshop you will learn to use a torch, hammers and steel ring mandrel to make a ring out of a quarter. Any quarter will work, even the new quarters, to learn the techniques. If you have an older silver quarter, you can practice on a new quarter then make a silver one. You should be able to make several rings in the class.

**Forging** Kit fee required, see schedule for cost  
In this Workshop you will learn how to shape Wire using Hammers & bench Blocks. You will learn how to flatten Wire then turn the Wire into Bracelets, Rings, Pendants & other Jewelry items. You will be learning how to make circles, squares, ovals, diamonds ect. Tools you will be using: Hammers, Bench Blocks, Files, Saws, Dremels

**Delft Clay Casting** Kit fee required, see schedule for cost  
Delft Clay Casting is form of sand casting using moldable clay in to which one can easily press a model. It was developed for silver and goldsmiths and is also used in making models. Using this method, it is possible to mould from a model and cast jewelry and other objects in silver, gold and other metals. We'll be starting with brass. Learning Delft Clay casting will give you the ability to duplicate an item in gold, silver, or brass. So, what do you do now with your bits of sheet, wire & accidental pieces? Now, almost anyone doing fabrication can add this casting to their skills. You'll learn what can and cannot be duplicated and why. You'll open new doors to your design creativity for your one-of pieces. This is a new tool in your box to expand your capability and versatility. It's not a tool to mass produce though. You will make finished pieces in sterling silver and brass. Bring small objects to class with you that when cast, you would use in a jewelry piece. Items should be approximately 1 inch or less. Bring more than one as some items cannot be used as model. Buttons make very good starting items.