

**NEW this quarter:**

**Cold Connections: Pendants** Kit Fee; \$10

The student will make one to two riveted pendants. Hole punching, texturing and filing copper or brass blanks then riveting charms, found objects and cut out pieces of metal to the blank pendants. Materials are copper and brass blanks, charms, and other pieces of metal to be riveted to the pendants.

**Continuing classes:**

**Stained Glass** Kit fee required, \$75

This class will focus on making a stained glass project using the copper foil method. Each student will choose a beginning project from a limited number of simple patterns that will introduce you to the fundamentals of creating stained glass art. You will learn about the different tools and how to use them correctly, how to choose a pattern and the glass to compliment your pattern, to transfer your pattern to the glass, to cut and clean glass edges, correct foiling and soldering techniques and adding patina and polishing. Each student will be assigned a tool kit (with all new tools) to use during the duration of the classes. Each kit contains everything you need to complete your projects including foil and solder. A fair selection of colored art glass will be provided as part of the kit and additional glass and accessories will be available for purchase. NOTE: You MUST BE ABLE to comprehend and follow directions as well as have the physical ability to cut glass.

**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

**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.

**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.

**Chain Maille Jewelry (Solderless Chain Making)** Kit fee required, see schedule for cost

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

**Up-cycling leather jewelry - 1** Kit Fee \$45

This class consists of 9 projects: 2 bracelets, 4 earring sets, 2 necklaces, and 1 ring. The ninth project, during the last week of class, will be your choice of a special necklace. There are two different designs to choose. The kit includes reusable templates, Leather, necklaces, clasps, bail, lacing, spacer beads, seed beads, chains pieces, earring hooks and posts, headpins, snaps, etc. Also the following items will be provided: glue, applicators, some leather scissors, hole setter, hole punch, sharpies, Awl, extras of everything. Templates, needles, etc. If you have a "Silent settle kit", Fiskar scissor #190500 Razor edge microtip, please bring them with you.

**The class(es) below are not currently on the 2019 Summer Schedule, but may be added as a POP UP Class (a single, one session class). Be watching us on Facebook, they will be announced there first.**

**Cold Connection Bangles** Kit Fee: \$20

In this four hour class, each person will make at least one copper bangle by measuring and cutting wire, annealing, hammering, texturing and bending wire into a bangle shape. Finally, riveting, wire wrapping and putting patina on your bangle. Instructor will have a selection of riveting material, dangle ornaments and wire to decorate your bangles. Kit includes: Wire to make three bangle/bracelets, a center punch, a riveting hammer, a two hole punch and a wood block.

**KEUM BOO** Kit Fee: \$24

Keum boo means “attached gold” in Korean and refers to the method of fusing high karat gold with fine (pure) silver or depletion gilded sterling silver. Aside from its beauty, the keum boo process is a very affordable way to incorporate real gold into designs at a price both the maker and potential buyer can afford.

Keum boo is a technique applied at the very end of a piece’s construction. Additional firing will cause the gold to melt into the silver. So, all pieces for this technique should be finished to the point of no additional soldering operations being needed. However, it will be possible to punch out and dap some simple round earrings and then keum boo them within the class time. Ideally, all participants should come with either a fine silver or sterling project(s) ready to go. Adding keum boo to fine silver pmc pieces is especially successful.

Hot plates, sharp scissors and agate burnishers along with decorative punches and liver of sulphur will be available in class. But, if anyone has their own agate burnisher or small decorative punch (we have a heart and a circle...possibly a butterfly—all from Michaels) they would be good to bring as well.

No silver will be available for purchase in class.

**DO NOT BRING: any manufactured pieces (non-handmade items) fine silver is preferred, but sterling can be used.**

**Beginning Resin Jewelry Workshop** Supplies \$25 and up

This is a simple class in working with epoxy resin to create small pendants, charms or earrings. These fun items can be made to hang alone, be wire wrapped or affixed to prefab backs (not provided). Class fee includes resin and mixing materials to complete at least 3-4 items and selection of assorted materials/pictures to encase. Use of molds of assorted shapes/sizes. If there are special items you wish to incorporate in your project, you are welcome to bring them.

**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.

**Repurposed Jewelry Workshop**

This is a class, where students can bring old jewelry and other items, such as buttons, tags, washers, bottle caps, just to name a few, that can be made new into jewelry.

Copper and brass wire will be available for purchase. This is great chance to make creative jewelry from parts you already have.

So bring a bag full of parts with you and have fun making jewelry!!!

**Delft Clay Casting** Kit fee \$20 for brass (and up depending on your purchase/use of any silver)

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.

**Washer Workshop** Supplies \$15 and up

Think outside the box!! Using copper washers, wire, various findings and metals, cabochons, etc. explore creative jewelry making with a couple of our creative instructors. The purpose of this class is to get your creative side in touch with your artistic side by using copper washers as the base of your jewelry piece.

**Bracelet Workshop** Kit fee \$15 to \$30

Open to beginner through advanced. A variety of bracelet and cuff-making techniques will be introduced in this one-day workshop. Students will learn to create sculptural bangles and cuffs using the ancient Celtic hammering technique of anticlastic raising. We will also use a variety of dies on the hydraulic press to create sleek, modern cuffs in synclastic, ribbed and compressed designs.

Copper and brass bracelet blanks will be available for nominal purchase, or students may bring their own 22 — 20 gauge sheet. Working in sterling is also an option, if desired. Examples of all bracelets will be on view at the beginning of class.