#### 2015 Summer MTGMS Class Descriptions

#### 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.

## Lapidary Start to Finish with Potluck Kit Fee \$6

The purpose of the class is to show students how to finish a cabochon and place in a viable setting.

This 4 ½ hour Sunday evening class, is held every other Sunday for seven class. Due to the length and timing of the class, we would like to have the students break for a potluck dinner halfway through the class.

The kit materials will enable the student to finish two projects. The first project is to cut and polish a calibrated cabochon to place in a set finding of their choice. The second project is to finish a cabochon of their choice for wire-wrapping. The time after completion of these projects will be used by the student to finish additional cabochons as the student sees fit.

# **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.

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#### Natural Material Faceting Class - Advanced Supplies \$10 and up

Students must have completed a minimum of one faceting class successfully (finished 2-3 stones). This class will focus on cutting natural material. Students can provide their own or rough will be available for purchase at a reasonable fee. Students will begin with softer materials (quartz family, sunstone, etc), then progress to harder materials needing to be polished with diamond. Class will focus on learning to choose proper patterns for material and learning to work with internal inclusions.

#### Forging

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

#### 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.

## Tree of Life pendant Kit Fee \$60

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.

## Viking Knit & Chaos Wrap Pendant Kit Fee \$65

In this class you learn how to do Viking Knit chain, using copper wire. This technique for making metal chain jewelry dates back to at least the ninth century. In this class you will learn to do the knit, how to finish the ends, and how to make a clasp to complete your necklace. Then you will make a beautiful Chaos Wrap pendant to complete your necklace.

## Simple Wire Wraps for Cabochons Kit Fee \$60

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 you supply the cabochons.

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## Etched Copper Bracelet Kit Fee \$65

Etching is the process of using a strong acid to cut into the unprotected parts of a metal surface to create a design in a metal.

In this 8 hour workshop you will make three copper bracelets. You will learn two techniques for achieving the design etched into the copper. The final bracelet will be a combination of the two techniques. After making the bracelets, you will learn different coloring & finishing techniques. **Please dress for a mess this day as we will use a solution to do the etching and it will stain if you get it on your clothes.** 

# Standing 3-D Tree of Life 3" to 6" tall Kit Fee \$65

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.