

New the quarter:

Beginner Butane Torch Kit Fee \$25

This is for the beginner who wants a simple way to solder copper/silver at home. Students will learn safety, filling, and use of a small butane torch. The Kit includes a small butane torch, three round copper blanks, silver wire, silver dust, misc. gallery wire pieces, Swarovski mini crystals, ear wires, paste solder, and two silver teardrop blanks. Students will make two pairs of earrings and a pendant.

Upcycled leather jewelry 101 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.

Stamped Leather Bracelets Kit fee \$25

Kit includes natural leather and snaps for 2 bracelets, 1 leather needle and waxed leather thread. Instructor will supply the following to be used in class by the students: Assorted Leather stamps and one set basic leather tools to share, spray bottles, sponges, acrylic paints, paint brushes, water containers for paint and sponges, leather scissors, permanent markers. Additional MTGMS jewelry room items available for use during class: Rawhide hammers, marble block, leather dye set (Bring any leather tools you have and would like to use in class)

Leather Workshop Kit fee \$5

Bring you leather projects to work on. Instructor will help you with Basic Leather stamping, painting and leather burning. Instructor will supply the following to be used in class by the students: Assorted Leather stamps and one set basic leather tools to share, spray bottles, sponges, acrylic paints, paint brushes, water containers for paint and sponges, leather scissors and permanent markers. Additional MTGMS jewelry room items available for use during class: Rawhide hammers, marble block, leather dye set Additional leather pieces, snaps, leather thread, and rivets will be available for sale to make new projects

Decorated Leather Earring Workshop Kit fee \$20

Instructor will supply the following to be used in class by the students: Assorted Leather pieces, earring templates, one set basic leather tools to share, spray bottles, sponges, acrylic paints, paint brushes, water containers and sponges, leather scissors, permanent markers and tape

Additional MTGMS jewelry room items available for use during class: Rawhide hammers, marble block, leather dye set. Additional leather pieces, snaps, leather thread, and rivets will be available for sale to make new projects

Polymer Clay Basics Kit Fee \$50

No Prerequisite required

Polymer Basics covers the technical aspects of working with different types of polymer clay including Sculpey, PREMO, FIMO and Cernit clays to ensure design and structural integrity. Product safety, additional tool requirements for intermediate and advanced classes, as well as handling, color mixing, and curing techniques for a more professional finish.

Polymer Clay Basics students will learn:

- Safety while working with the clay.
- Transporting, storing and conditioning/reconditioning polymer clay.
- Characteristics and technical aspects of polymer clay.
- Best types of clay for each project.
- Mixing polymer clays for color.
- Why certain clay mixes should not be run through a chrome plated pasta maker.
- Determining cooking time and temperature for the best results.
- How to select objects for coverage; why covering certain plastics or wood objects is a bad idea.
- The best way to adhere polymer clay to baked ceramic or glass.
- Making molds for consistent results.
- How to conserve polymer clay by using “mud clay” or other suitable fillers.
- How to make basic canes to replicate color and patterns.
 - o Bullseye canes
 - o Spiral canes
 - o Square or rectangle canes
 - o Basic flower designs
- Baking requirements.
- Selecting the right finish for the best results.
- How to stabilize polymer clay for carving.

In the interest of time, instructor will provide a variety of preconditioned clay colors and additional tools as needed. Students will receive a personal tool kit and a polymer clay tips handout. Note: Home baking may be necessary for some polymer clay classes. A dedicated toaster oven is recommended. Students may want to bring something to drink.

Polymer Clay Crackle Kit Fee \$45

PREREQUISITE: No prerequisite required.

This course covers the technical aspects of creating brilliant results using alcohol inks, metal foils and heat to product crackling effects on polymer clay. The course also includes a short segment on the advantages and disadvantages of using two-part epoxy resins vs UV hard and doming resins.

Preconditioned black polymer clay, alcohol inks and silver foil will be provided by the instructors.

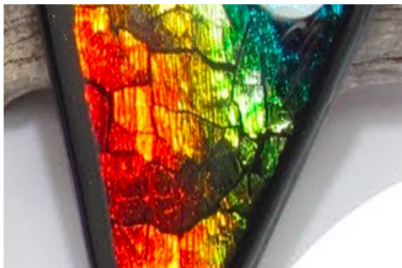
STUDENT SUPPLY LIST

Polymer Clay Basics Students please bring tool kits and a heat gun if you own one. Previous students may bring unbaked polymer clay projects from previous classes for finishing and baking.

UV Resin (hard and doming) will be discussed and there will be a short demonstration on applying and curing both resins. Note: Epoxy two-part resin application will be discussed but not demonstrated in class due to its toxic properties and need for additional ventilation to ensure safety.

In the interest of time, instructors will provide each student with previously baked (for one hour for maximum strength) sample item to practice resin application and curing. (Students will keep the finished piece selected.) There will be two resin curing stations available. Notes:

1. Students must submit resin projects no later than 3:30pm to allow adequate curing time.
2. Students will be required to clean all tools and work surfaces.
3. This is a 3-1/2-hour class so students are encouraged to bring a snack and something to drink, or cash to purchase items from 50 Forward's snack machines.
4. Additional polymer clay and supplies will be provided as needed.



Polymer Clay Finishes Kit Fee \$35

PREREQUISITE: Polymer Clay Basics required.

Polymer Clay Resin covers the technical aspects buffing, vs Varathene, two-part epoxy or UV hard and doming resins. Instructions on making a “poor man’s” drying rack and applying and enhancing finishes to achieve professional results.

STUDENT SUPPLY LIST

Please bring tool kits issued in the Polymer Clay Basics class. Students may bring baked Polymer Clay projects from previous classes, providing they have been baked for one hour. UV Resin (hard and doming) will be discussed and there will be a short demonstration on applying resin. Note: Epoxy two-part resin application will be discussed but not demonstrated in class due to its properties and need for additional ventilation to ensure safety.

In the interest of time, instructors will provide each student with previously baked (for one hour for maximum strength) sample item to practice resin application and curing. (Students will be allowed to keep the finished piece selected.) There will be several resin curing stations available. If students already own a UV light, recommend bringing for personal use.

Notes:

1. Class will begin breaking down at 3:30. Students must submit all resin projects to be cured by 3:30 to allow adequate curing time. Students will be required to clean all tools and work surfaces.
2. Students are encouraged to bring a snack and something to drink or money to purchase snacks from 50 Forward's snack machines.



Polymer Clay Mirco Shift Kit Fee \$45

PREREQUISITE: Polymer Clay Basics required.

Polymer clay mica shift covers the technical aspects using the unique molecular properties of metallic polymer clays to produce iridescent and interesting results (see Below).

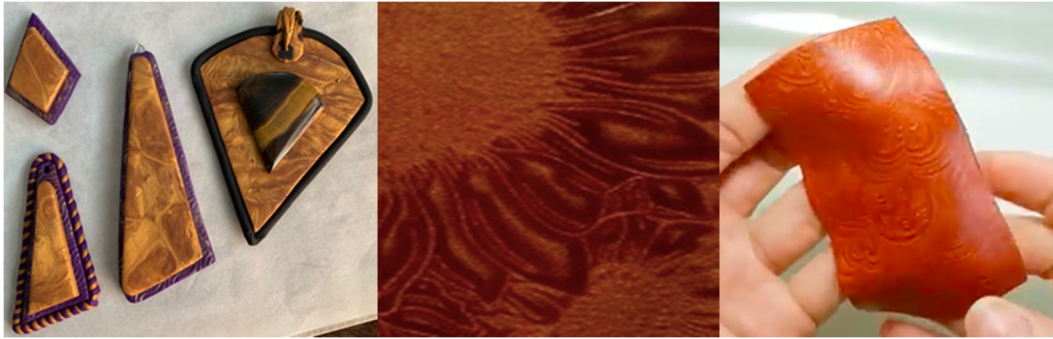
STUDENT SUPPLY LIST

Please bring tool kits issued in the Polymer Clay Basics class. Polymer Clay will be issued to each student for the project. Students may want to bring their dedicated pasta machines.

In the interest of time, instructors will provide a selection of preconditioned metallic clay colors, Pearl, White and translucent clay. *Additional clay will be provided as needed.

Notes:

1. Students may bring previous projects to class and give to the instructor for the necessary 1-hour bake time. (Finished projects that are only baked for ½ hour are susceptible to easier breakage.)
2. Class will begin breaking down at 4:30. Students will be required to clean all tools, cutters and work surfaces.
3. Home baking may be necessary for some polymer clay if projects are not completed by 3:30. A dedicated toaster oven is recommended.
4. Students may want to bring a snack and something to drink.



Polymer Clay Canes Kit Fee \$50

PREREQUISITE: Basic Polymer Clay

Polymer Clay Canes covers the technical aspects of cane building to ensure design and color integrity.

In Polymer Clay Canes students will build on concepts discussed in Polymer Clay Basics where students learned how to make basic canes to replicate color and patterns and construct bullseye, spiral, square or rectangle, and basic flower canes.

Students will learn abstract concepts that produce spectacular designs, color contrast, and technical methods for ensuring cane patterns that can be easily replicated.

A short discussion on covering objects with polymer clay will take place

Students should bring at least six (6) 2-Oz packages of preconditioned light, medium and dark and contrasting PREMO or Sculpey polymer clay colors of their choice. (See above examples for color ideas.)

Polymer clay can be purchased at Hobby Lobby, JoAnn Fabrics or Michaels (Additional clay will be available for purchase if needed.)

Note: Students can bring previously constructed class projects for baking during the class.

Students may want to bring something to drink or money to purchase from 50 Forward's snack machines.



Continuing classes

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.

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

The class(es) below are not currently on the 2020 Fall 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.

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.

KEUM BOO Kit Fee: \$25

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.

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.