

Danaca Design Class Schedule - Summer 2018

Soldering Essentials

Instructor: Dana Cassara

July 8, Sunday, 10:00 - 4:00

Class Fee: \$95 | Basic materials included

Perhaps you've taken a soldering class, attempted to learn from a book, or never tried soldering before. If you want to learn to solder silver or improve your skills, this class is for you. You'll learn from detailed demonstrations with plenty of hands-on time at the soldering table. You'll also learn about different torches including acetylene/air, butane, and propane/oxygen, as well as safety concerns. No experience necessary.

Materials Included:

Copper for samples

Solder

Flux

Jewelry Making Basics with Wire

Instructor: Jennifer Stenhouse

July 14 and 15, Saturday and Sunday, 10:30 - 5:00

Class Fee: \$295 | Basic materials included

In this fun introductory class, students will learn the essentials of soldering and making jewelry with wire – a perfect class to create gifts for family and friends or even start a little business. Students will solder, form and forge (with silver, copper and brass wire) to create basic findings, distinctive chains and simple rings. Students will have the opportunity to use a variety of torches including a butane torch (think crème brûlée) and acetylene/air torch. How to set up your own basic jewelry making studio will also be discussed so that techniques covered in class can be continued at home with a simple set-up. No experience necessary.

Materials INCLUDED:

Copper, brass, and sterling silver wire, 20 and 18 gauge, to create projects

Solder for projects

Students MAY Bring:

Additional sterling silver wire of varying gauges (available for purchase in studio store)

Jewelry Summer Camp for Kids 8-12

Instructor: Tegan Wallace

July 16-20, 5 weekdays, 9:00 - 2:00

Class Fee: \$300 | Materials included

Looking for a great activity for your 3rd – 6th grader this summer? Check out the Danaca Design jewelry camp! This week-long camp teaches cool jewelry-making techniques such as bead making and stringing, wire working, texturing, stamping, and riveting metal! In addition, we will explore the fundamentals of composition and color theory while learning to use a variety of basic hand tools. Using polymer clay, Shrinky Dinks, seed beads, and copper and brass wire and sheet metal, we will create a variety of jewelry pieces students can wear proudly. After all, nothing is quite as fun as saying, "I made this!" Rings and bracelets and brooches, oh my! Come have fun with us for a week in July! No experience necessary, returning students welcome.

This class is taught by Tegan Wallace, who has been teaching jewelry making at the elementary and middle school level for several years.

Materials INCLUDED:

Students will be provided with all tools and materials necessary for class projects including Polymer clay, Shrinky Dinks, seed beads, copper and brass wire and sheet metal, stringing materials, clasps and other findings. In addition, parents will be given a resource list should they wish to have supplies for at-home use after the class.

Students MAY Bring:

Any beads or other materials they think will be fun to work with.

Fold-Forming with the Master

Instructor: Charles Lewton-Brain

July 21, Saturday, 9:00 – 6:00

Class Fee: \$250 | Materials included

This workshop delivers more folds in one-day than you can possibly imagine! You will learn to make folds in each of the main categories. Forms are derived from the natural plasticity and ductility of the metal. Shaping is extremely efficient and rapid – many forms are complete in three to seven minutes. Tools are simple: fingers, hammer, anvil and mill. Complex relief forms are made from sheets of metal often in one annealing. Forms made with this method resemble chased, constructed and soldered forms and can be made with most metals, including steel. Master goldsmith Charles Lewton-Brain has trained, studied and worked in Germany, Canada and the United States to learn the skills he uses. You know that Fold Forming book you love? He wrote it! All levels.

Materials INCLUDED:

Copper for a variety of samples will be provided

Keum-Boo: Surface Treatment with Gold

Instructor: Suz O'Dell

July 22, Sunday, 10:30 – 1:30

Class Fee: \$75 | Materials Fee: \$35 Payable to instructor

Add the luster of gold to your silver fabrications using keum-boo. In this ancient Korean technique (pronounced kum-boo, meaning ""attached gold""), pure gold foil is bonded to the surface of another pure metal such as fine silver. The result can be dramatic with rich color and texture. This is a great technique to inexpensively add gold to your work for a beautiful mixed metal look. Students must bring finished PMC pieces, fine silver, or sterling silver pieces with a fine silver finish to class for applying the keum-boo process (mostly flat surfaces, no hollow forms). All levels.

Materials Kit Includes:

24K gold foil

Students Must Bring:

Finished PMC piece, fine silver or sterling silver with fine silver finished surface piece. (Some fine silver will be available for purchase)

Wooden kitchen skewer (or chop stick)

Leather garden gloves that actually fit and in which you can work

Sharp scissors

Craft paper cutters, spiral, star, etc. (optional)

Students May Bring:

Fine tip tweezers - 5 inches or longer (available in studio store)

Agate burnisher (available in studio store)

Cold Connections Beyond Rivets

Instructor: Kirk Lang

July 27 – 29, Friday-Sunday, 10:00 – 5:00

Class Fee: \$460 | Basic materials included

Do you work primarily in copper, brass, silver or even 14K white or yellow gold? Are you tired of constantly cleaning up fire-scale after soldering? Do you want to learn a faster, cleaner but equally durable way of joining two pieces of metal together? If so, this workshop is a must! Learn how to create flat, domed, tube, hinge, and seamless flush rivets. You will also learn how to use micro tap and dies to create your own custom nuts and bolts, and how to utilize small tabs to fold over and attach one piece of metal to another. Best of all, these cold joining techniques can also be used as decorative elements on finished pieces—truly marrying form and function. Learn to master these techniques and discover how you might incorporate them into your work by designing a piece of jewelry or other articulated object. Basic jewelry making skills helpful, soldering not necessary.

Materials INCLUDED:

Copper and brass sheet, wire and tubing to create samples

Drill bits

Tap for threading screw holes

Fillister screws

Students MAY Bring:

Sterling sheet

Sterling wire and tubing (available in studio store)

Total Immersion: Intermediate Jewelry Making

Instructor: Dana Cassara

July 30 – August 3, Monday – Friday, 5 weekdays, 10:00-5:00

Class Fee: \$645 | Basic materials included

What could be more fun than making jewelry for an entire week? Nothing! Join me on this five-day journey that will boost your confidence and knowledge at the jeweler's bench. We will focus heavily on construction and soldering tricks as well as finishing techniques to create desired surfaces. A variety of stone setting options will be covered including tube, pedestal, and captured settings. Basic hydraulic press forming for creating multiples and preserving textures as well as simple hinges and a variety of cold connections and clasp systems will also be presented. Students may choose to work through the design and completion of a complex piece of jewelry or create samples of each technique over the course of the week. Prerequisites: Total Immersion: Beginning Jewelry Making or the entire Beginning Series: Introduction to Silversmithing, Rings for Beginner's, and Nifty Links and Hollow Forms or equivalent beginning jewelry making class.

Materials Included:

Copper/brass sheet and wire for samples

Copper tubing for hinge and silver tubing stone setting samples

Faceted stone for tube set sample

Solder, flux, sandpaper

Students Must Bring:

Stones or other found objects

Students May Bring:

Silver sheet metal, 24-20 gauges (available in studio store)

Various sizes of silver wire 14-20 gauges (available in studio store)

Silver tubing (available in studio store)

Low Tech Gravity Casting

Instructor: Juan Reyes

August 4 and 5, Saturday and Sunday, 10:30 - 5:00

Class Fee: \$325 | Basic materials included

Learn the fundamentals of casting by exploring the exciting and ancient technique of pouring molten metal directly into molds made from organic materials, sand and soft stone. This process does not require a centrifugal setup or any major equipment so it is easily reproduced in a home studio or in your back yard! This workshop will cover carving a mold and casting into tufa (light-weight sandstone), creating a quick mold in cuttlefish bone, a material easily found at any pet store producing a lovely texture, and sandcasting, an ancient way to reproduce an object. Students will also explore casting into other organic materials for surprising effects! Rudimentary alloying, pouring an ingot, finishing techniques and safety will all be discussed. Bring your clean silver scraps if you have some. No experience necessary.

Materials INCLUDED:

Tufa and cuttlefish bone to carve molds from

Sandcasting materials to use in class

1oz. sterling silver

1oz. casting bronze

Dust mask

Students MAY Bring:

A small object to mold that you think would be nice to reproduce in metal for jewelry like a shell or button.

Additional clean silver scrap (no solder on it!) or silver casting grain (available for purchase in studio store)

Etching Metal

Instructor: Jessie Wylie

August 11, Saturday, 10:00 – 4:00

Class Fee: \$145 | Materials Fee: \$35 Payable to instructor

See an image or pattern come to life in brass and copper through the acid etching process! This technique is excellent for creating exclusive textures on copper and brass sheet which can be cut and incorporated into jewelry, enameled or used as rolling mill templates to emboss precious metals and even paper. Patterns can be hand drawn directly on the sheet metal or photo transferred. Physical properties of different acids and metals, resist techniques and studio safety will be explored. The end result will yield several etched plates for use in future jewelry/design projects! This workshop is appropriate for beginners, however experienced jewelry artists may find it very exciting as well. All levels.

Material KITS Include:

Kits will include metal to etch both for immediate use and for embossing plates as well as all other necessary supplies including etchant, masking tape, Sharpie marker, and PNP paper.

Students MAY Bring:

Extra copper or silver sheet to roll print (available in studio store)

Pattern ideas

Working with Gold-Filled Basics

Instructor: Jennifer Stenhouse

August 12, Sunday, 10:30 – 5:00

Class Fee: \$125 | Materials list

This 1-day weekend workshop will focus on an introduction to essential jewelry and metalsmithing techniques, tools, and design used to create jewelry using gold-filled wire. Students will learn by

practicing the techniques demonstrated, by using wire to construct pieces that can be used for all kinds of jewelry & wearable art. The focus will be on the essentials of soldering, forming and construction of gold-filled wire as well as the proper use of tools and equipment, studio safety, metals, tube stone setting, design, and finishing techniques specific for gold-fill. Project demos will include making gold-fill rings, making flux paste for gold & gold-fill, and using small tube settings. Basic metal working skills required.

Students MUST Bring:

- A wide variety of gold-filled shapes and gauges of wire are available, bring a selection
- 14k medium gold solder
- Jeweler saw blades 2/0-4/0 blades (available in studio store)

Students MAY Bring:

- 24-18 gauge single or double clad gold-filled, or sterling silver can be helpful to create some interesting looks.
- A selection of beads, and found objects, is not only fun, but provides punch to your design ideas. Your selection of unique objects and colors make your work interesting and different.
- Center punch/scribe
- pin vise
- needle files
- 6" half round file
- emery paper, 200/400/600
- small pack of drill bits
- Small tweezers
- ring clamp
- side/wire cutters
- Optivisors
- Jewelry pliers
- paper and pencils
- Safety glasses

Image & Mark Making in Enamel

Instructor: Jan Smith

August 17-19, three days, Friday - Sunday 10:00 – 5:00

Class Fee: \$495 | Some Materials Included, Materials list

This workshop focuses on ways to achieve images and marks in vitreous enamel. Develop new compositions and designs in your work by learning to make a variety of lines and marks in enamel. Using copper as the substrate the demonstrations include sifting, sgraffito, stencils, ceramic oxides, overglaze/china paints, underglaze pencils and other experimental techniques.

The emphasis in this workshop will be on creating exciting surfaces through exploration of both traditional and non-traditional enameling processes. Basic enameling experience preferred.

Materials Included:

Various enameling supplies including mixing oils and tools to be used during class

Students Must Bring:

- Jewelry size copper pieces: circles, squares whatever shape you want to work on
- Brushes #03, 01 fine #10 flat and additional round and flat brushes
- Flat palette knife
- Flat piece of glass or tile for mixing on
- Round paint tray plastic or glass, best with a lid
- Graphite pencils of varying hardness (2h, 2b, 4b etc.) and automatic pencil with leads

Scribe, pin tool or needle tools (if you have various pointy tools with different thickness bring them)
Calligrapher's pen with tips (quill pen)
Dust mask for sifting (available in studio store)

Students May Bring:

A sample kit is available from Thompson Enamel, www.thompsonenamel.com. Students may want to purchase the sample kit for a wider variety of colors and to have enamels to work with after class.
Sifters if you have
Favorite enamels

A Feast of Textures with Chasing and Repousse

Instructor: Megan Corwin

August 24-26, three days, Friday-Sunday, 10:00 – 5:00

Class Fee: \$480 | \$10 Materials Fee Payable to Instructor

Come join Megan Corwin in exploring the great textures and forms possible with the techniques of chasing and repousse. In this beginning class, students start by learning to use chasing tools and steel punches to define texture and create form in sheet metal held in the traditional chasers pine resin pitch. We will focus on experimentation and making samples. Megan brings tools for you to use during class and hand-made chasing tools by Bill Dawson are available for purchase in the studio. You will also make one or more chasing or texturing tools for your own personal collection. Check out Megan's website to see some examples of chased and repousse work. Discover new ways to express yourself in metal! No experience necessary. Recommended reading - "Chasing and Repousse: Methods Ancient and Modern" by Nancy Megan Corwin available through Danaca Design or Amazon.

Materials INCLUDED:

Sheet copper for producing samples
Use of studio tools including pitch bowls

Students MAY Bring:

Personal pitch pot and tools
Additional sheet metal, 22 g recommended (available in studio store)

Material FEE Includes:

Tool steel to make a chasing tool(s) to take home

Rings, Rings, RINGS!

Instructor: Dana Cassara

September 7-9, three days, Friday-Sunday, 10:00 – 5:00

Class Fee: \$480 | Basic materials Included

Rings hold a special place in the lexicon of jewelry and pretty much everyone loves them. In this three-day beginner's workshop we will explore the basic construction of band rings, stacking rings, and rings with both bezel set cabochons and tube set faceted stones. Although rings can be relatively simple to make they do present a unique challenge, aside from the need to be comfortable and beautiful they also must fit! All students will leave with an understanding of how to measure, embellish, form, and solder both a basic band and shanked rings. Depending on experience level students may explore a variety of band styles and decorative detailing. Cutting, chasing and embossing for texture, as well as soldering and some forming techniques will all be covered. Every student will leave class with a handful of well-made ring that fits! No experience necessary. Returning students welcome!

Materials INCLUDED:

Copper and brass for making samples
Sterling silver for final projects
Cabochon and 3mm faceted cz for stone setting projects

Gold filled wire for stacking rings

Solder and all other supplies necessary for projects

If you choose to work larger than the samples shown in class there may be an additional materials fee.

Students MAY Bring:

Additional sterling sheet or wire (available in studio store)

A cabochon (available in studio store)

Wax Working for Jewelers

Instructor: Jennifer Stenhouse

September 19, 26, October 3, 10, 17 November 7, No Class October 24 and 31

6 Wednesday nights, 6:30 - 9:30*

Class Fee: \$360|Basic materials included

The ancient technique of lost wax casting is widely used today for mass producing jewelry and jewelry components but it is also used to create unique one-of-a-kind jewelry pieces. In this comprehensive workshop, you will learn the fundamentals and some useful tricks for designing and creating wax models for casting. Students will be introduced to the casting process and explore a variety wax types and techniques in order understand how to prepare ideal waxes for casting. Projects will include pendants, rings, and charms. The finished waxes will be sent out to a professional casting house and returned the final week for finishing. *Students enrolled in multiple week classes are eligible and encouraged to work outside of class on class projects during Practice Hours. No experience necessary; returning students are welcome.

Materials Included:

Carving and forming wax

The use of wax saw blades and carving tools

20 grams sterling silver for final castings

1oz Bronze for final casting

If students want to exceed the 20 gram sterling allotment, additional material cost will be calculated based on current metal prices at the time of class. The additional fee will be based on the combined weight of the final products as well as any additional flask fees incurred.

Students May Bring:

Project design ideas

Additional magnification (available in studio store)

Stone to incorporate into projects if you have stone setting experience

Hot wax pen

Dental tools

xacto knife or carving tools

Filigree Techniques

Instructor: Peggy Foy

September 22 and 23, Saturday and Sunday, 10:00 – 5:00

Class Fee: \$295|\$20 Materials Fee Payable to Instructor

Learn to create ornate, fine wirework and improve your soldering skills! Filigree jewelry has a long history and is made all over the world, from Thailand to Norway. In this class, you will learn how to make these graceful and intricate pieces yourself. We will explore how to construct wire frames to create forms that are lightweight but strong. We'll then work with different soldering methods, including chip solder, paste solder, and dry powdered solder. You will leave with a pair of filigree earrings, a pendant, or both. This is an intermediate-level course; some experience with soldering is required.

Material KITS Include:

16 and 26 g sterling wire for projects

Beginning Jewelry Series: Introduction

Instructor: Dana Cassara

September 29 and 30, Saturday and Sunday, 10:00 – 5:00

Class Fee: \$295 | Basic materials included

This Beginning Series Workshop is an ideal introduction to the fundamental aspects of silversmithing. Explore jewelry design while learning all the valuable basics: to saw, file, texture, form, and solder nonferrous metals like copper, brass, and silver. Students will develop a good understanding of soldering and setting stones into bezels and will complete two pieces of jewelry. Get a taste for working in metal while gaining the foundation necessary to pursue the art of silversmithing. No experience necessary.

Materials INCLUDED:

Copper to make samples

Sterling silver to make pendant

Cabochon stone

If you choose to work larger than the samples shown in class there may be an additional materials fee.

Students MAY Bring:

Additional sheet metal (available in studio store)

A cabochon (available in studio store)

On Going!**Mentored Independent Study**

July 10 – September 25, Tuesday, 6pm-9pm, Instructor: Juan Reyes

July 12– September 27, Thursday, 10am-1pm, Instructor: Dana Cassara, (No Class Aug 2)

***Class fees:** 3 weeks = \$115; 4 weeks = \$145; 5 weeks = \$180; 6 weeks = \$215;

Drop-in=\$20/hour; Punch cards = \$150/12 hours

***Prepaid, consecutive week students have access to Practice Hours!**

DROP-IN STUDENTS AND PUNCH CARD HOLDERS DO NOT HAVE ACCESS TO PRACTICE HOURS

Tackle a wide range of projects with instructor guidance in an on-going class developed for independent study-students. Use class time to game-plan, problem-solve or just work in the studio taking advantage of the space and equipment. Basic metal working skills required.

Students enrolled in multiple week classes are eligible, and encouraged, to work outside of class on class projects during Practice Hours; there is no additional charge to attend.

***PRACTICE HOURS**

Students enrolled in multiple week classes are eligible and encouraged to work outside of class on class projects during Practice Hours. There is no additional charge to attend.

Practice Hours: Sundays 5-9, Thursdays 1-9, Tuesdays 10-2

(Check website for exceptions and details.)