

## Danaca Design Fall 2017 Class Schedule and Events

### **Beginning Jewelry Series: Introduction**

Instructor: Dana Cassara

**October 7 and 8, 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)

### **Wax Working for Jewelers**

Instructor: Jennifer Stenhouse

**October 18, 25, November 1, 8, 15, 29 (no class 11/22)**

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

Class Fee: \$325 | 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)

Stones to incorporate into projects (available in studio store)

Hot wax pen

Dental tools

xacto knife or carving tools

### **Cloisonné Enameling**

Instructor: Linnie Kendrick

**October 21 and 22, Saturday and Sunday, 10:00 – 5:00**

Class Fee: \$295 | Basic materials included

The vivid color and unique beauty of enameling has been prized for centuries. Cloisonné, with fine lines of precious metal delineating patterns and images, is appreciated around the world. In this class you will learn to create a suitable design, bend and apply the cloisonné wires, apply multiple layers of enamel and fuse them in the kiln, and grind and flash-fire the finished enamel, thereby creating a gemlike image of lasting beauty. With diligence our goal is to end with a completed piece ready for setting. This is a beginner level class, no experience necessary however basic enameling helpful.

#### **Materials INCLUDED:**

2, 1" x 2" piece of 22 gauge, one fine silver, one copper (additional materials available in studio store)

Copper and fine silver cloisonné wire, 1' each (additional materials available in studio store)

Various enamel colors and other necessary tool and supplies

#### **Students MUST Bring:**

Drawing Paper

Extra Fine Sharpie Pen

#### **Students MAY Bring:**

Additional precut fine silver at least 22 gauge or heavier no larger than 1.5"

Your own lead free enamels for greater variety - samples sizes can be purchased from Thompsons

A good quality pointed round brush size 0 or less

Plastic Spoons (5-8)

Extra Fine Sharpie Pen

Color Pencils or Watercolors

Hand Towel

Needle tool

Small scissors for cutting wire

Micro tweezers

Magnifying glasses or Optivisor if you need them

### **Soldering Essentials**

Instructor: Dana Cassara

**October 27, Friday, 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

## **Faceted Stone Setting, Theory and Applications: Round Stones**

Instructor: Kirk Lang

**October 28 and 29, Saturday and Sunday, 10:00 - 5:00**

Class Fee: \$285 | \$85 Materials Fee Payable to Instructor

Class size limit: 10

Setting faceted stones doesn't have to be a daunting task. No...really! As long as you understand the unique characteristics of the gemstone you are working with, there is nothing to be intimidated by. This intermediate level stone-setting workshop will teach you how to set round faceted gemstones safely, securely and with confidence. Three settings will be covered in detail including prong, flush, and heavy-walled bezel setting. In addition, you will also learn the theory behind stone-setting, gemstone characteristics, how to make setting tools and how to design with beautiful gems in mind. Practice rings will be provided or you may choose to create your own piece of jewelry, incorporating the aforementioned setting styles. Beginning Series or equivalent experience required.

### **Materials Kit Includes:**

(2) 5mm round cubic zirconias

(1) 2mm round cubic zirconia

Round 4-prong wire basket setting (sterling silver)

Round heavy walled bezel setting (brass)

2 Ring blanks (brass)

1mm 3/32 shank twist drill

1.6mm 3/32 shank twist drill

1.6mm cup bur

3.2mm fine cut hart bur

4.5mm fine cut hart bur

2mm fine cut setting bur

5mm fine cut setting bur

(2) flex shaft mandrels

Felt wheel (for polishing)

Knife edge pumice wheel

Square edge pumice wheel

Beading tool (to be altered)

303 stainless steel rod (to be altered)

3 sanding drums of different grits (320, 600, 800)

Sticky wax

### **Students Must Bring:**

Sponge (to be cut into small squares)

Small metal container for sponge (like Altoid tin)

Soft bristle toothbrush

Bic lighter

Chain nose pliers (available in studio store)

Flush cut snips (available in studio store)

Fine tipped tweezers to hold small stones (available in studio store)

Selection of sawblades (#2/0, #2 or anything in that range is fine) (available in studio store)

Visor w/magnification (optivisor or equivalent) (available in studio store)

Bulb blower (for camera lenses) or small can of compressed air

Digital calipers or brass slide gauge (brass available in studio store)

### **Students May Bring:**

GRS Benchmate with inside ring holder or Graverblock with inside ring holder

4" or 6" Digital Calipers  
Pin Vise capable of holding 3/32 bur shanks (available in studio store)  
10x magnification loupe (available in studio store)  
Set of Cup burs (available in studio store)  
Set of setting burs (available in studio store)  
Set of fine cut heart burs  
Set of round burs (available in studio store)  
Flat graver (sharp with ~2mm wide tip)  
Chasing hammer (available in studio store)  
Hand file (medium coarseness) (available in studio store)  
Set of needle files (available in studio store)  
Replaceable tip divider (available in studio store)  
Double tip carbide scribe (available in studio store)

### **Jewelry Making Basics with Wire**

Instructor: Jennifer Stenhouse

**November 4 and 5, 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. Working with silver, copper, and brass wire students will tackle soldering, forming and forging wire creating simple findings and basic chain making. 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)

### **Beginning Jewelry Series: Rings**

Instructor: Dana Cassara

**November 11 and 12, Saturday and Sunday, 10:00 – 5:00**

Class Fee: \$295 | Basic materials included

This Beginning Series Workshop focuses on the basic construction of fabricated rings with and without stones. Each student will construct a simple, textured band ring as well as a ring with a bezel-set stone. In the process of designing and constructing these rings, students gain new soldering skills and become familiar with the three-dimensional possibilities and challenges of working with heavier gaged metal. Leaving with a couple of rings is a bonus. No experience necessary.

#### **Materials INCLUDED:**

Materials to produce two sterling silver rings

Cabochon stone

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

#### **Students MAY Bring:**

Additional sheet metal or wire (available in studio store)

A cabochon (available in studio store)

### **Riveting Basics**

Instructor: Dana Cassara

**November 17, Friday, 10:00 - 4:00**

Class Fee: \$95 | Basic materials included

Basic riveting is a fun and a simple way to connect metal to metal and/or metal to non-metal or even non-metal to non-metal! A new world of possibilities opens up to a jewelry designer when heat is taken out of the equation. Several simple rivet options will be demonstrated. We will discuss the advantages of each then hunker down to make some projects practicing what we've learned. This will be a fast paced, exciting class focused on designing, problem solving, practicing and producing work without soldering. Students should bring materials they are interested to incorporate into their projects. No experience necessary.

#### **Materials INCLUDED:**

Copper, brass, and other metals for making samples

Some stuff that might be fun to rivet

#### **Students MAY Bring:**

Some stuff that might be fun to rivet

### **Bronze Precious Metal Clay Bracelet**

Instructor: Suz O'Dell

**November 18 and 19, Saturday and Sunday, 10:30 - 5:00**

Class Fee: \$245 | Materials kit: \$30 payable to instructor

Striking jewelry can be made easily and inexpensively with Bronze Precious Metal Clay, bronze clay that when fired in a kiln results in pure metal! This workshop will focus on the construction of a linked bracelet however students might also explore components for earrings and pendants. Let your imaginations go wild with this fun, inexpensive material. Make each link a different pattern or shape, exploring the wide range of texture and form. Day one will focus on exploration and production and the second day will consist of clean up, polishing, and completion. This is an excellent opportunity to get introduced to Bronze PMC and or expand on basic PMC skills. No experience necessary however intermediate level students are encouraged as well.

#### **Material Kits Include:**

One package of PMC Bronze

PMC slip

Rubber mold-making material

A tool kit to use during class

#### **Students May Bring:**

An object to mold

Rubber stamps or fabric for textures

### **Fire, Forge and Flush-Stonesetting**

Instructor: Jeff Georgantes

**December 1-3, Friday – Sunday, 10:00 – 5:00**

Class Fee: \$395 | \$35 Materials fee payable to instructor

This class will lead you on a journey filled with twists and turns to explore a variety of core metalsmithing skills that culminate with a finished silver ring. First, using either your own or purchased recycled sterling silver you will cast an ingot. Then with the help of the rolling mill along with hammers and an anvil, you will forge out a silver ring. Next, you'll practice flush setting faceted stones, getting ready for the real deal, setting stones into your hand-wrought silver ring. The class will be filled with tips

and tricks for ingot making, forging and flush setting, including making your own setting tools. Open to all skill levels!

**Material Kits Included:**

3 and 4 mm round faceted CZs

Pin vises

Flush setting tool blanks (to make your own setting tools)

Setting and cone burs

**Students Must Bring:**

Sterling silver casting grain, a 1oz fine silver coin and/or clean sterling scrap to cast (available to purchase at current spot prices)

**Students May Bring:**

3 or 4 mm Round faceted CZ's or other gemstones\*

\*Please note soft or brittle stones like amethyst, citrine, topaz are much more difficult to set. Also many colored faceted stones are not cut evenly making them more difficult to set. Colored CZ's are the best solution to add color. They are hard and are generally evenly cut. Also the burs and the stones have to be matched perfectly. Finally, the stones can't be too deep, otherwise the ring will have to be very thick to keep the point from poking out the bottom and scratching the finger. This is why we're only supplying 3 & 4 mm CZ's. They're the perfect size for a ring.

**Using the Smith Little Torch**

Instructor: Micki Lippe

**December 9, Saturday, 10:00 - 4:00**

Class Fee: \$95 | Materials list

While there are several torch options, one of the most popular among bench jewelers is a mixed fuel, oxy-propane, and one of the best is the Smith "little-torch". Micki Lippe will show you why as she demonstrates the versatility and precision of this well-loved tool. Whether you own a mini-torch or not this is a great opportunity to pick up some soldering tricks from a seasoned professional while exploring the ways in which the "little torch" can benefit you. Set up and basic maintenance will be covered and students are encouraged to bring their "soldering problems" to class! Basic soldering experience required.

**Materials INCLUDED:**

Solder

Scrap brass and copper to practice with

**Students MUST Bring:**

Scrap sterling for practice (additional silver sheet and wire available in studio store)

Samples of your work, especially problem pieces

**Students MAY Bring:**

Current projects to discuss and practice using the torch

Personal "little -torch" and tips

Sterling Silver Sheet - 28, 26 - about two square inches of each

Sterling Silver Wire - 22, 20, 18, 16 and 14 gauge - about 6 inches of each

**Basic Bead and Wire Jewelry**

Instructor: Dana Cassara

**December 15, Friday, 10:00 - 1:00**

Class Fee: \$75 | Basic materials included

Learn the simple tricks to cold working wire to create linkage systems for earrings, necklaces, ear wires and clasps. This class will give you the basic skills to start making jewelry for yourself, as gifts, or to begin selling! Using basic hand tools, we will explore linkage systems for making earrings and necklaces. Projects will include one or two pairs of earrings and a bracelet. Student will make their own clasps and ear-wires, and learn basic small scale forging to add distinctive accents to their pieces. No soldering. No experience necessary.

**Materials INCLUDED:**

24g silver for bracelet

20g silver for earrings

16g sterling for bracelet clasp

Various glass beads

**Students MAY Bring:**

Additional beads

**Needle Felting for Jewelry**

Instructor: Cynthia Toops

**December 16 and 17, Saturday and Sunday, 10:00 - 5:00**

Class Fee: \$285 | \$30 Materials fee payable to instructor

Needle Felting is an ancient craft that translates well into 21st century designs. We will start with basic shapes, then incorporate them into sculptural jewelry, ornaments/pendants or make a creature --bird? fantastical beast? that can become the first of your menagerie. We will also embellish the piece by adding beads or other small items or by felting in details. Spend a relaxing and inspiring weekend learning to shape a ball of soft wool into amazing 3-dimensional objects. You will probably poke your finger a few times but you will have lots of fun and discover a new exciting medium. No experience is necessary.

**Materials INCLUDED:**

Felting needles

Foam base

Roving (clean raw wool)

**Students MAY Bring:**

Special items you wish to embellish with

**Mentored Independent Study**

**Tuesday PM: 6:00-9:00, October 3 – December 19, Instructor: Juan Reyes**

**Thursday AM: 10:00-1:00, October 5 – December 21 (no class 11/23), Instructor: Dana Cassara**

\*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**

Join a mentored independent study group to learn new skills in a consistently supportive environment.

With instructor guidance, these on-going classes allow independent study students to explore a wide range of projects. Class-time can be used to both game-plan and work; demonstrations are tailored specifically to each class period. This is an excellent opportunity to tackle a challenging project that you may need feedback on or technical advice to execute. Register for 3 - 6 weeks for a discounted rate; drop-in also welcome. Classes are offered both mornings and evenings. Basic metal working skills required. Students enrolled in multiple week classed are eligible and encouraged to work outside of class on class projects during Practice Hours; there is no additional charge to attend.

**Materials Included:**

Flux

**Students Must Bring:**

All consumable materials including metal, saw blades, drill bits, sandpaper and solder.

Projects to work on!

**\*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 and Thursdays, 5-9. Tuesdays, 10-2 (Check website for exceptions and details.)

**EVENTS!**

**Trunk Show in the Gallery!**

Barb Knuth and Rachel Shimpock

**September 30, Saturday, 5:30-7:00**

**Trunk Show in the Gallery!**

TBA

**November 3, Friday, 5:30-7:00**

**Anniversary Party and Student Teacher Show and Sale**

Our biggest event of the year!

**December 8, Friday, 6:00-9:00**