

Winter Weekend Workshop

Brooch Design and Fabrication with Arthur Hash

see page 17



Early Bird Discount - Save 5% off tuition if you register one month or more before the start of any class or workshop!

Metalwerx | 50 Guinan Street, Waltham, MA 02451 | 781-891-3854 | info@metalwerx.com | www.metalwerx.com

Friends of Metalwerx Scholarships

Our Friends of Metalwerx Scholarship program provides opportunities that enable qualified students to attend classes and workshops at a reduced cost. These scholarships are intended to make Metalwerx's programs available to emerging artists, students currently enrolled in high school or a metals degree program, as well as Waltham residents. These scholarships cover 75% of the cost of tuition for a specific workshop and ALL materials fees. Recipients are responsible for the remaining 25% of tuition, which goes towards facilities maintenance and supplies.

How it works: Certain courses with availability one month beforehand (or less) will be available to approved scholarship applicants. All approved applicants will receive notice via email that a seat has become available in a particular course. Spaces will be awarded on a first come first served basis, with preference given to approved applicants who have not received a scholarship space in that current 365/day cycle.

For more information visit <https://metalwerx.com/scholarships>.

Qualifications: Applicants must demonstrate a commitment to further their education in metal arts and have clear artistic goals. All skill levels may apply for scholarships, but recipients must meet pre-requisites for the specific course offered in order to attend. Applicants must also meet at least one of these criteria:

- Current students in a full-time degree program.
- Students who have graduated from a degree program within the past 7 years.
- Metals artists who have started a metal arts related business in the past 5 years.
- High school students with relevant experience.
- Residents of Waltham.

Application Deadline: Oct. 1st and April 1st. Notifications are sent about one month later. Accepted applicants are eligible for available seats for one year.

Our scholarship program is supported by the Waltham Cultural Council and many generous individual donors.



Our Mission

Metalwerx is dedicated to supporting jewelry and the metal arts through educational programming that fosters artistic and technical development while encouraging community growth and arts appreciation.

About Metalwerx

Founded in 1998, our innovative school and community studio provides jewelry making instruction on topics ranging from introductory classes to professional level courses, in a well-equipped and supportive environment. Weekly classes and workshops are cutting edge and diverse, geared to both professionals and beginners, all with the goal of providing something for everyone.

Additionally, our organization is home to 28 full and part time Studiomates -- a group of professional and

passionate jewelers -- who form a vibrant and active group. Members have their own dedicated area of the building to work, act as school ambassadors, participate in Waltham Open Studios, and often help as teacher's assistants.

Scholarship opportunities are integral to Metalwerx's programming. Through the generosity of individual supporters and businesses, since 2010 we have offered nearly \$5,000 worth of financial aid toward enrolling in courses at Metalwerx. Please see above for information on our Friends of Metalwerx Scholarship.



David Baird and Lindsay Minihan

A Note from the Director

Metalwerx is your community studio and classroom. We exist to serve you, inspire you, and teach you skills that will lead to professional and personal fulfillment. Your presence, participation, and support have helped make us an innovative leader in metalworking education. Thank you.

I'm also grateful that so many people share their goals and interests with us. We are listening and appreciate the input! In turn, we have curated a curriculum of exciting classes for this fall and upcoming year based on your feedback. I hope you can join us to expand your skill set, explore new concepts, and meet other amazing members of our community during your time here.

But wait, there's more! You won't want to miss our second annual Metalwerx Marketplace. This event showcases materials, gemstones, tools, and service vendors from all over the country who can help you determine the best investment for your studio and artwork. There are also plenty of opportunities to engage with experts in our field through educational seminars, demonstrations, and interactive tours. Shop, schmooze, and immerse yourself in the company of other passionate metalsmiths at this highly anticipated trade show. Check out page 12 for details.

It's an honor to be part of this amazing community and to lead this organization into the future. On behalf of our dedicated staff and board members, thank you for making this an extraordinary place to learn, share, and grow together.

Warm wishes

Lindsay Minihan, Executive Director

*Introducing our new
two-term course catalog!*

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Fall Courses 2017

September 18 -
December 16, 2017

Weekly Classes Fall 2017

Mondays



Ellen Carno, student

Jewelry 2

with David Baird

Pick up where Jewelry 1 left off and bring your skills to the next level. Special emphasis will be given to fabrication, flex shaft, and soldering techniques, but no questions or projects will be taboo! Techniques demonstrated over the course of the semester include stone setting (tube settings and unique bezels), solder inlay, forming, and various approaches for creating rings. Advanced students are welcome and can work at their own pace, on their own projects. No-class date: Oct 9. Make-up date: Dec 4.

Sept 18 - Nov 27; 10am - 1pm
Basic and above; Jewelry 1 skills required
\$495 (Early Bird: \$470.25); \$55 kit



Bob Smith, student

Directed Open Studio

with David Baird

Directed Open Studio provides students who are looking to work independently with access to a professional instructor for guidance. Receive advice for your design ideas and unfinished projects. This class is loaded with great bench tips to guide students through projects with success. Discuss designs one-on-one with the instructor, as well as in a group. Technical demonstrations will respond to students' interests and needs; soldering, wax working, and stone setting are among the possibilities. No-class date: Oct 9. Make-up date: Dec 4.

Sept 18 - Nov 27; 1:30pm - 4:30pm
Intermediate & above; Jewelry 2 skills req'd
\$495 (Early Bird: \$470.25)

Tuesdays



Jewelry 1

with William Vanaria

This weekly class presents the basics of jewelry and metalsmithing skills. Students will learn how to effectively shape, join, polish, texture, and patina metal. Other jewelry techniques such as stone setting will also be covered. Discussions about different metals and their applications in jewelry making will take place throughout the session. Students can expect to walk away with many samples, at least one piece of finished jewelry, and the skills required to produce further work. No-class date: Nov 21. Make-up date: Dec 5.

Sept 19 - Nov 28; 10am - 1pm
Beginner; No experience needed
\$495 (Early Bird: \$470.25); \$55 kit



Boxes and Geometric Forms

with William Vanaria

In this class, students will learn the ins and outs of fabricating geometric hollow forms and boxes. Components for box fabrication may include a friction fit lid, hinges, and simple catches. Students will learn how to properly score, bend, and solder sheet metal to create three-dimensional voluminous forms, ultimately leading to the creation of a geometric box or hollow-form of their own design. No-class date: Nov 21. Make-up date: Dec 5.

Sept 19 - Nov 28; 1:30pm - 4:30pm
Intermediate & above; Jewelry 2 skills req'd
\$495 (Early Bird: \$470.25); \$70 kit



Student work

Jewelry 1

with Diane Lawton

This introductory course focuses on developing fundamental hand skills, good studio habits, and an appreciation for quality craftsmanship. Students will learn essential fabrication techniques while creating one-of-a-kind jewelry. Over the semester, students will learn to use a jeweler's saw, pierce out shapes, solder and anneal (soften) metal with a torch, texture surfaces, and bezel-set cabochon stones. Students will make sample pieces, as well as a textured silver ring and a pendant with a set stone. No-class date: Nov 21. Make-up date: Dec 5.

Sept 19 - Nov 28; 6:30pm - 9pm
Beginner; No experience needed
\$445 (Early Bird: \$422.75); \$55 kit

Wednesdays



Student work

Directed Open Studio

with David Baird

Directed Open Studio provides students who are looking to work independently with access to a professional instructor for guidance. Receive advice for your design ideas and unfinished projects. This class is loaded with great bench tips to guide students through projects with success. Discuss designs one-on-one with the instructor, as well as in a group. Technical demonstrations will respond to students' interests and needs; soldering, wax working, and stone setting are among the possibilities. No-class date: Nov 22. Make-up date: Dec 6.

Sept 20 - Nov 29; 10am - 1pm
Intermediate & above; Jewelry 2 skills req'd
\$495 (Early Bird: \$470.25)



Chain Making: Simple, Soldered, & Fused

with Joy Raskin

Discover strategies for making traditional as well as unusual chains. A wide range of styles will be demonstrated including fused, cold-connected, woven, and soldered link chains. Start with simple connections requiring wire and basic hand tools. Techniques covered include, basic hammering, wire forming, wire weaving, finishing, and making jump rings. Move onto basic cable chain with variations, twisted links, self-linking chains, designs made by balling up wire, and simple loop in loop. No-class date: Nov 22. Make-up date: Dec 6.

Sept 20 - Nov 29; 1:30pm - 4:30pm
Basic and above; Jewelry 1 skills required
\$495 (Early Bird: \$470.25); \$130 kit

Weekly Classes Fall 2017

Wednesdays cont'd.



Directed Open Studio

with William Vanaria

This is an opportunity for students to work on independent projects with guidance offered by a professional. Receive advice for design ideas and unfinished projects. This class is loaded with bench tips to guide you through projects successfully. Discuss designs one-on-one with the instructor, as well as in a group. Technical demonstrations and discussions will respond to participants' interests and needs; soldering, design considerations, and stone setting are among the many possibilities. No-class date: Nov 22. Make-up date: Dec 13.

Sept 27 - Dec 6; 6pm - 9pm
Intermediate & above; Jewelry 2 skills req'd
\$495 (Early Bird: \$470.25)

Thursdays



Jewelry 1

with Avery Lucas

All of the fundamental skills needed to make jewelry will be introduced in this beginner level class. Students will learn to saw and pierce, file and sand, texture, rivet, solder, patina, and finish metal, as well as how to bezel-set a cabochon stone. Students will make samples and create finished pieces such as charms, pendants, and rings, while learning to work with copper, brass and sterling silver. No experience is necessary, but those looking to brush up on their skills are welcome also! No-class date: Nov 23. Make-up date: Dec 14.

Sept 28 - Dec 7; 10am - 1pm
Beginner; No experience needed
\$495 (Early Bird: \$470.25); \$60 kit



Jewelry 2

with Avery Lucas

Hone soldering, stone setting, fabrication, and finishing skills learned in Jewelry 1, and add new techniques to refine your work! Get tips for solving problems and building up skills. Topics covered include moving metal with hammers, cold forging, scoring & bending, hollow construction, hinges, tab setting, flush setting, chain making, and creating findings. Students will make samples and a project of their own design, incorporating techniques learned in class. No-class date: Nov 23. Make-up date: Dec 14.

Sept 28 - Dec 7; 1:30pm - 4:30pm
Basic and above; Jewelry 1 skills required
\$495 (Early Bird: \$470.25); \$60 kit



Forming and Fluting: Bracelets and Bowls

with Cynthia Eid

Enhance and add interest to your work with fluting! Fluting can be done on a variety of formed metal designs, but this class will focus on bracelets and bowls. Demonstrations include how to create a recessed crease or groove, as well as raised ridges. Students will make samples of each fluting style and then focus on a project of their own design. Students with forming experience can prepare bowls and/or bracelets in advance so that more time can be spent fluting. No-class date: Nov 23. Make-up date: Dec 14.

Sept 28 - Dec 7; 6pm - 9pm
Basic and above; Jewelry 1 skills required
\$495 (Early Bird: \$470.25)



Mastering Sawing

with Lauren Beaudoin

Does sawing out fine detailed designs seem intimidating? Do you find yourself constantly breaking saw blades and having to order more? During this workshop students will refine and become confident in their sawing skills through guided exercises and patterns. Learn how to use a saw frame to your advantage and tackle those straight lines, curves, spirals, tricky angles, and more. Best practices for posture and hand position will be discussed. The instructor will provide insight into different style saw frames and bench pins as well.

Fri, Oct 6; 10am - 5pm

All Levels; No experience needed

\$145 (Early Bird: \$137.75); \$45 kit



Chain and Scale Maille Spiral Earrings

with Karen Karon

This workshop focuses on teaching students how to work with jump rings and scales to create two pairs of spiral earrings. Students will learn how to weave scale maille in linear formations. Students will also learn the basic European 4-in-1 weave. Materials include lightweight anodized aluminum scales, sterling silver jump rings, and gold-filled beads. Although these are beginner level weaves, the jump rings, beads and scales we will be using are quite small, and therefore require students to have prior chain maille experience.

Fri, Nov 17; 10am - 5pm

Intermediate; Chain Maille experience req'd

\$145 (Early Bird: \$137.75); \$80 kit



Make Your Own Jewelry Findings

with Wendy Jo New

Do you have partially completed projects sitting at home or ideas swirling around in your head but don't know how to finish them? This workshop will help put together the pieces to refine your work. Learn simple fabrication and soldering skills for making jump rings, bails, head pins and eye pins, as well as simple terminations like hooks, S-clasps, and toggle clasps. Students will learn how to make and solder ear posts as well as how to construct and attach various ear wires. Tips on how to attach pearls to a piece of work will also be covered.

Fri, Dec 1; 10am - 5pm

Basic and above; Jewelry 1 skills required

\$145 (Early Bird: \$137.75); \$35 kit



Twisted Wire Bracelets

with William Vanaria

Twisted wire elements have the potential to bring a lot to a piece of jewelry. There are countless variations which, when applied, can fundamentally alter how the final product looks. In this workshop students will complete a series of samples utilize different methods and styles of twisting wire, leading to the creation of finished and wearable bangles, cuffs, and bracelets of their own design. Students can expect to walk away with at least one finished piece, and samples for future reference.

Sat, Dec 2; 10am - 5pm

Basic and above; Jewelry 1 skills required

\$145 (Early Bird: \$137.75); \$40 kit



Stackable Rings

with Alanna Robbins

This workshop shows students of any skill level how to make a series of silver, stackable rings. Participants will start with wire, sheet metal and loose stones and turn them into as many as 6 coordinating rings to wear together or alone. Throughout the day, students will be introduced to basic skills that are essential to metalsmithing, like sawing, soldering, stamping, texturing and finishing metal, as well as sizing rings and bezel-setting cabochon stones.

Sun, Dec 3; 10am - 5am

Beginner; No experience needed

\$145 (Early Bird: \$137.75); \$50 kit



Pearl Knotting Seminar

with Mary Stachura

Study the classic art of pearl knotting from an expert in the pearl trade. This workshop will begin with an overview of pearl types and shapes, how to buy a good strand, spotting fakes, and proper care. Demonstrations on knotting and termination methods for a variety of closures will follow. Practice crimping, attaching a clasp, using a bead tip, French wire/bouillon, as well as making an endless necklace with no clasp at all. There will be an opportunity to buy additional pearls from Joseph P. Stachura Co., Inc.

Fri, Dec 8; 10am - 4pm

All Levels; No experience needed

\$95 (Early Bird: \$90.25); \$55 kit



Leather Wrap Bracelet with Ornamental Button Clasp

with Michela Verani

Create a distinctive button clasp that will be added to a leather wrap bracelet. Each student will learn metal clay basics, make custom texture stamps, and embed a finding that will be fired in place for the mechanism. In the afternoon, Michela will cover polishing, adding color to metal clay and how to string and bead leather cord to finish a bracelet in class.

Sat, Dec 9; 10am - 5pm

Basic and above; Basic Metal Clay knowledge required

\$145 (Early Bird: \$137.75); \$50 kit



SOUper Spoons

with Joy Raskin

Spoons are surprisingly easy to make! Learn to fabricate a simple spoon using wire and sheet metal. Joy will show various hammer textures that can be added to give character to flatware. Then, students will cut and dome sheet metal to create the spoon bowl and solder it onto the handle. Students will work in bronze as well as sterling silver. In several hours, each student will hone metals skills and have their own custom-made spoon to take home!

Sun, Dec 10; 10am - 5pm

Basic and above; Jewelry 1 skills required

\$145 (Early Bird: \$137.75); \$50 kit



Earrings in a Day

with Joy Raskin

Lightweight earrings are the perfect summer accessory. Join us for a fun and fast-paced earring intensive and create something new to wear. Demonstrations will include some essential jewelry making skills using silver wire and sheet metal to create hoops and dangles. Make your own ear wires, and stamp, texture, and dome round and oval discs to add visual interest. Methods for adding beads will be shown to provide color and accents to earrings. This class is open to all levels. Students can expect to complete several pairs of simple earrings during the day.

Fri, Dec 15; 10am - 5pm

Beginner; No experience needed

\$145 (Early Bird: \$137.75); \$25 kit



Photography for Jewelry and Small Sculpture

with Charley Freiberg

Having great photos of your work is necessary for marketing your business, and applying for shows and grants, but every jeweler and metalsmith knows how difficult it is to capture their work well. Come spend a day learning how to photograph your work and edit images with a professional product photographer! The first part of the day will focus on lighting, backdrops, and camera settings. Then participants will get an overview of editing with Photoshop. Leave with best practices for how to create professional photos of your work at home!

Sat, Dec 16; 10am - 5pm

All Levels; No experience needed

\$150 (Early Bird: \$142.50)



Surfaces, Stones, and Designing for the Body

with Laura Wood

This 5-day workshop will focus on surface embellishment of pierced metal and how to design those elements specifically for the body. Techniques covered in this workshop will include stone setting, color application and texture, as well as engineering findings for a cohesive design that look good both on and off the body. These techniques can be applied to the creation of a range of jewelry pieces.

Wed, Sept 6 - Sun, Sept 10; 10am - 5pm
Basic and above; Jewelry 1 skills required
\$750 (Early Bird: \$712.50); \$60 kit



Intro to Gemology

with Raquel Alonso-Perez

Gemology is the study of gem materials, including their description, identification, origin and use in jewelry and ornamentation. In this course, we'll look at many specimens with a focus on the most common gemstones used in the jewelry trade. We will also learn about different enhancements/treatments, artificial gemstones, and how to identify them. Upon completion of this practical workshop, students will be familiar with the name as well as the physical and optical properties of the most common gemstones in the gem/jewelry trade.

Sat, Sept 16 - Sun, Sept 17; 10am - 5pm
All Levels; No experience necessary
\$400 (Early Bird: \$380)



Decorative Florentine Hand Engraving

with Vincent Hawley

Florentine engraving serves as the basis for the extravagance in most goldsmith work from the Renaissance to the present day. Learn how to use a basic engraver, which serves as the essential tool in this specialized art form, as well as the milgrain tool and other decorative patterns. Students will work to gain the essential first steps in using these tools to create many samples with endless possibilities in richness and depth.

Sat, Sept 23 - Sun, Sept 24; 10am - 5pm
Basic and above; Jewelry 1 skills required
\$400 (Early Bird: \$380); \$55 kit



Metal Clay Jewelry

with Michela Verani

Curious about metal clay or eager to refine your skills and techniques? Learn the basics of working with silver metal clay by making one-of-a-kind jewelry. Skills covered include stamping, texturing, cutting, forming, and finishing. Come to understand the history of silver metal clay, its working characteristics, and necessary tools. Students will receive handouts and a list of suppliers. This course is appropriate for beginner through advanced students. Projects will be appropriate for all skill levels.

Sat, Sept 30 - Sun, Oct 1; 10am - 5pm
All Levels; No experience needed
\$375 (Early Bird: \$356.25); \$100 kit



Fabricating Beads and Hollow Forms

with Lauren Beaudoin

Beads come in various mediums, shapes and sizes. They are used as decorative elements in modern fashion and are incorporated into everything from earrings, a centerpiece for a necklace, or even woven into fabric. This workshop will explore the process of making beads from metal sheet, tubing and wire. Demonstrations will include double dome bead, square beads, decorated tube beads and more. Also learn to create organic hollow forms using plastic dies and the hydraulic press.

Sat, Oct 7 - Sun, Oct 8; 10am - 5pm
Basic and above; Jewelry 1 skills required
\$400 (Early Bird: \$380); \$35 kit



Sgraffito & Screenprinting on Enamel

with Tanya Crane

Incorporate original drawings, existing imagery, and repetitive patterns into your enameled surfaces with screen-printing. Learn how to expose a pre-emulsified screen, prepare enamels for printing, and the kiln-firing process. Tanya will also go over how to use painting enamels to create hand-drawn details on top of your patterns, and how to adapt this painting method for use in the sgraffito technique. Enameling basics including sifting enamel, preparing a copper base and attaching findings to finished work will be covered.

Sat, Oct 14 - Sun, Oct 15; 10am - 5pm
Basic and above; Jewelry 1 skills required
\$400 (Early Bird: \$380); \$85 kit



Creative Connections with Tin

with Ellen Wieske

Printed tin cans are a colorful material generally discarded and disregarded. However, a discerning eye, a bit of imagination and a few simple skills can transform this plentiful resource. This workshop is designed for anyone who wants to make a connection between idea, material and process. Students will learn assemblage techniques such as pop-riveting, tube riveting, tab/slot construction, basic forming as well as low temperature soldering using tin as the primary material.

Sat, Oct 28 - Sun, Oct 29; 10am - 5pm
Basic and above; Jewelry 1 skills required
\$400 (Early Bird: \$380); \$5 kit



Fabricating with Gold and Silver

with Paulette Werger

This workshop will focus on working with silver, and combining it with gold in a variety of ways to make out-of-the-ordinary jewelry. Explore fusing, soldering, solder inlay, fabrication, and alloying. Re-use and re-work old gold scrap and combine it with silver in a new way to add value to your sterling and avoid the costs of working entirely in gold! This workshop exposes students to classical techniques as well as the practical shortcuts for making work efficiently.

Fri, Nov 3 - Sun, Nov 5; 10am - 5pm
Intermediate & above; Jewelry 2 skills req'd
\$525 (Early Bird: \$498.75); kit TBD



Anticlastic Forming

with Michael Good

Michael will lead students through a series of exercises designed to teach the principles of anticlastic raising, how metal is moved from flat sheet into non-definitive forms. Participants will learn how to use hammers and stakes to create compound curves and complex shapes. Students will practice each stage before moving on to the next exercise. The goal is for students to gain enough of a foundation to be able to practice this advanced skill at their leisure.

Fri, Nov 10 - Sun, Nov 12; 10am - 5pm
Intermediate & above; Jewelry 2 skills req'd
\$580 (Early Bird: \$551); \$10 kit



Student work

Introduction to Jewelry Making

with Diane Lawton

This condensed workshop is perfect for those who have always wanted to learn traditional jewelry-making skills but never had the time. Students will learn essential fabrication techniques by designing and producing one-of-a-kind jewelry. Over the course of just two days, students will learn to cut through metal with a jeweler's saw, solder and anneal (soften) metal with a torch, texture surfaces with hammers, and bezel-set cabochon stones. Students will leave with a textured ring and a pendant with a set stone.

Sat, Nov 18 - Sun, Nov 19; 10am - 5pm
Beginner; No experience needed
\$375 (Early Bird: \$356.25); \$55 kit

METALWERX MARKETPLACE

October 20-22, 2017 | The Marriott, Newton, MA
The event for tools, gems, supplies and services

Participating exhibitors:

Otto Frei
Fretz Hammers
Foredom
Pepe Tools
Art Clay World
Formlabs
Dikra Gems
Orion Welders
Greco Leather
Rock Deco
Azurz

Charon Kransen Arts
Charley Freiberg
Photography
Rare Earth Mining Co.
Alexander's Jewelers
Racecar Casting
Allcraft
And More!



Shop and Schmooze- Support Metalwerx and celebrate the opening of Marketplace. An exclusive evening of cocktails, music and hors d'oeuvres with your favorite vendors and service providers.

Kickstart Your Business- Find essential services to support your business. Get casting quotes and sign up for photography sessions happening onsite.

Educational Series, "More Than Making"- Attend informative lectures and demonstrations by Paulette Werger, Mark Houghton, Cynthia Eid, Arthur Hash and more!

Many thanks to our sponsors:



Visit metalwerx.com/marketplace for more event details and information on participating exhibitors.

Winter Courses 2018

January 6 -
March 29, 2018

Weekly Classes Winter 2018

Mondays



Elissa Steinert, student

Wax Working and Casting Techniques

with David Baird

Casting and wax working techniques can save time and add dimension to your artwork. Making wax models allows you create complex curves, surfaces, and textures that would be difficult and time consuming to execute in sheet metal. Students will see models transformed to fully finished, one-of-a-kind jewelry. Learn to carve and create wax models using an alcohol lamp and simple hand tools as well as a flex shaft. Organic and lost wax casting processes will be demonstrated. No-class dates: Jan 15; Feb 19. Make-up dates: Mar 19; Mar 26.

Jan 8 - Mar 12; 10am - 1pm
Basic and above; Jewelry 1 skills required
\$425 (Early Bird: \$403.75); \$60 kit



Minou Palandjian, student

Directed Open Studio

with David Baird

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Jan 8 - Mar 12; 1:30pm - 4:30pm
Intermediate & above; Jewelry 2 skills req'd
\$425 (Early Bird: \$403.75)

Tuesdays



Jewelry 1

with William Vanaria

This weekly class presents the basics of jewelry and metalsmithing skills. Students will learn how to effectively shape, join, polish, texture, and patina metal. Other jewelry techniques such as stone setting will also be briefly covered. Discussions about different metals and their applications in jewelry making will take place throughout the session. Students can expect to walk away with many samples, at least one piece of wearable jewelry, and the skills required to produce further work. No-class date: Feb 20. Make-up dates: Mar 20; Mar 27.

Jan 9 - Mar 13; 10am - 1pm
Beginner; No experience needed
\$475 (Early Bird: \$451.25); \$55 kit

Tuesdays cont'd



Ring Fabrication: From Simple to Stones

with Wendy Jo New

If you love rings, you'll love this class! Make different types of rings from textured bands to rings with tube-set stones. The class opens up with a classic ring band project where students learn to size, measure, cut, form, solder, clean-up and finally polish. Move on to design and fabricate a bezel settings for cabochons and faceted stones. The final project is an interlocking three-band ring that will teach students more complex fabrication methods and how to design creatively. No-class date: Feb 20. Make-up dates: Mar 20; Mar 27.

Jan 9 - Mar 13; 1:30pm - 4:30pm
Beginner; No experience needed
\$475 (Early Bird: \$451.25); \$50 kit



Student work

Jewelry 1

with Diane Lawton

This introductory course focuses on developing fundamental hand skills, good studio habits, and an appreciation for quality craftsmanship. Students will learn essential fabrication techniques while creating one-of-a-kind jewelry. Over the semester, students will learn to use a jeweler's saw, pierce out shapes, solder and anneal (soften) metal with a torch, texture surfaces, and bezel-set cabochon stones. Students will make sample pieces, as well as a textured silver ring and a pendant with a set stone. No-class date: Feb 20. Make-up dates: Mar 20; Mar 27.

Jan 9 - Mar 13; 6:30pm - 9pm
Beginner; No experience needed
\$425 (Early Bird: \$403.75); \$55 kit

Wednesdays



Mike Moretti, student

Directed Open Studio

with David Baird

Directed Open Studio provides students who work independently with access to a professional instructor for guidance. Receive advice for your design ideas and unfinished projects. This class is loaded with great bench tips to guide students through projects with success. Discuss designs one-on-one with the instructor, as well as in a group. Technical demonstrations will respond to students' interests and needs; soldering, wax working, and stone setting are among the possibilities. No-class date: Feb 21. Make-up dates: Mar 21; Mar 28.

Jan 10 - Mar 14; 10am - 1pm
Intermediate & above; Jewelry 2 skills req'd
\$475 (Early Bird: \$451.25)



Creative Hinges and Clasps for Bracelets

with Joy Raskin

Learn all about hinges, hinged closures, and catches that can be used with jewelry and boxes. We will begin with basic hinges and then move on to other variations. Hinged clasps are appropriate for wide chains, leather, and non-metal materials when you want a large, yet flexible clasp. Surface embellishments and texturing will also be covered to give your clasps a more custom look. Other topics include methods for riveting to join nonmetal to metal materials, and a basic figure 8 safety catch. No-class date: Feb 21. Make-up dates: Mar 21; Mar 28.

Jan 10 - Mar 14; 1:30pm - 4:30pm
Basic and above; Jewelry 1 skills required
\$475 (Early Bird: \$451.25); kit TBD

Wednesdays cont'd



Directed Open Studio

with William Vanaria

This is an opportunity for students to work on independent projects with guidance offered by a professional. Receive advice for design ideas and unfinished projects. This class is loaded with bench tips to help complete projects successfully. Discuss designs one-on-one with the instructor, as well as in a group. Technical demonstrations and discussions will respond to participants' interests and needs; soldering, design considerations, and stone setting are among the many possibilities. No-class date: Feb 21. Make-up dates: Mar 21 & 28.

Jan 10 - Mar 14; 6pm - 9pm
Intermediate & above; Jewelry 2 skills req'd
\$475 (Early Bird: \$451.25)

Thursdays



Jewelry 2

with: Avery Lucas

Hone soldering, stone setting, fabrication, and finishing skills learned in Jewelry 1, and add new techniques to refine your work! Get tips for solving problems and building up skills. Topics covered include moving metal with hammers, cold forging, scoring & bending, hollow construction, hinges, tab setting, flush setting, chain making, and creating findings. Students will make samples and a project of their own design, incorporating techniques learned in class. No-class date: Feb 22. Make-up dates: Mar 22; Mar 29.

Jan 11 - Mar 15; 10am - 1pm
Basic and above; Jewelry 1 skills required
\$475 (Early Bird: \$451.25); \$60 kit



Student work

Jewelry 1

with Avery Lucas

All of the fundamental skills needed to make jewelry will be introduced in this beginner level class. Students will learn to saw and pierce, file and sand, texture, rivet, solder, patina, and finish metal, as well as how to bezel-set a cabochon stone. Students will make samples as well as finished pieces such as charms, pendants, and rings, while learning to work with copper, brass and sterling silver. No experience is necessary, but those looking to brush up on their skills are welcome also! No-class date: Feb 22. Make-up dates: Mar 22; Mar 29.

Jan 11 - Mar 15; 1:30pm - 4:30pm
Beginner; No experience needed
\$475 (Early Bird: \$451.25); \$60 kit

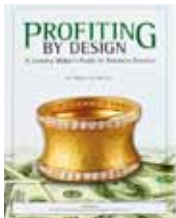


Jewelry 2

with William Vanaria

Build upon the techniques covered in Jewelry 1 to open up design possibilities and create more complex jewelry. Study advanced soldering techniques, trickier cold connections, and strategies to design and produce jewelry successfully. Set stones, fabricate hollow forms, and discover how to manipulate metal more effectively. Participants will design their own projects, with guidance along the way, and focus on the techniques that interest them most. No-class date: Feb 22. Make-up dates: Mar 22; March 29.

Jan 11 - Mar 15; 6pm - 9pm
Basic and above; Jewelry 1 skills required
\$475 (Early Bird: \$451.25); \$65 kit



Marketing 101 and You!

with Marlene Richey

Learn to describe your product, identify potential clients, and market your work to the right audience from Marlene Richey, a craft business consultant with over 30 years' experience in the jewelry industry and author of the award-winning book about running a small jewelry/craft business, *Profiting by Design*. Follow Marlene's simple steps to create a marketing plan that will target your individual market in the most cost-effective ways possible. Press releases, press kits, mailing lists and artist statements will all be covered.

Sat, Jan 6; 10:am - 5pm

All Levels; No experience needed

\$145 (Early Bird: \$137.75)



Getting Hooked on Wire Jewelry

with Adrienne Sloane

Expand your knitting horizons and get wired! This hands-on workshop will get students hooked on how versatile and exciting wire is as a medium. Using crochet and rug hooks and some basic knit and crochet skills, participants will design and create structures for jewelry with progressively heavier gauges of beautiful colored wire. Adrienne will cover different approaches to creating stitches, adding beads and findings, as well as resources, materials, design ideas. Basic knit or crochet skills are necessary.

Sat, Jan 13; 10am - 5pm

All Levels; Previous wire work not required
but basic knit/crochet skills necessary

\$145 (Early Bird: \$137.75); \$15 kit



Pearl Knotting Seminar

with Mary Stachura

Study the classic art of pearl knotting from an expert in the pearl trade. This workshop will begin with an overview of pearl types and shapes, how to buy a good strand, spotting fakes, and proper care. Demonstrations on knotting and termination methods for a variety of closures will follow. Practice crimping, attaching a clasp, using a bead tip, French wire/bouillon, as well as making an endless necklace with no clasp at all. There will be an opportunity to buy additional pearls from Joseph P. Stachura Co., Inc.

Fri, Feb 2; 10am - 4pm

All Levels; No experience needed

\$95 (Early Bird: \$90.25); \$55 kit



Hollow Ring Construction

with Wendy Jo New

In this class students will learn to make a ring that looks quite substantial but is much lighter than a solid metal ring. Students will assemble their rings through a series of steps including creating the design layout of the ring, piercing, cutting, sawing, texturing the side panels, fabricating the inner and outer bands of the ring, soldering all the components together, and finishing (filing, sanding, polishing) the ring. The end result will be a wearable 3-D hollow structure!

Fri, Feb 23; 10am - 5pm

Basic and above; Jewelry 1 skills required

\$145 (Early Bird: \$137.75); \$30 kit

Weekend Workshops Winter 2018



Etching Round Objects

with Kim O'Neill

Etching round objects can be a bit tricky. In this class students will learn the techniques to successfully etch numbers, words, and artwork onto a cylinder metal form. Using a common piece of copper pipe found at the hardware store, we will transform our pieces into statement beads to be worn vertically or horizontally. Students can expect to leave with several samples of round etched surfaces that can be put on a chain or cord after class. Make-up date: Mar 9.

Fri, Mar 2; 10am - 5pm

All Levels; No experience needed
\$145 (Early Bird: \$137.75); \$25 kit



Student work

Layered Cuff Bracelets

with Monique Rancourt

Give dimension to a cuff bracelet with layers of metal! Students will learn to apply basic forming, piercing, and riveting techniques to create dynamic layered cuff bracelets. Attention will be paid to different design considerations such as piercing patterns and images in the top layer of metal, applying contrasting textures and patinas to each layer, and proper placement of rivets to enhance the design and secure the bracelet together.

Sat, Jan 20 - Sun, Jan 21; 10am - 5pm

Basic & above; Jewelry 1 skills helpful but not required
\$400 (Early Bird: \$380); \$15 kit



Creating and Setting Damascus Steel Cabochons

with William Vanaria

Patterned and welded steel, otherwise known as Damascus steel, is typically used to make all manner of beautifully crafted knives. In this workshop, we will take cut-off sheets of Damascus steel and create stunning cabochons. Students will learn how to cut, grind, shape, and polish high carbon tool steel into cabochons of their own shape and design. Students can expect to create at least one finished cabochon and a finished piece of jewelry.

Fri, Jan 26 - Sun, Jan 28; 10am - 5pm

Basic and above; Jewelry 1 skills required
\$475 (Early Bird: \$451.25); \$65 kit



Brooch Design and Fabrication

with Arthur Hash

In this workshop students will learn about pin stems, fabrication, cold connections, alternative settings, and mini mechanisms to make sculptural brooches. Focusing on fabrication, students will hone hand-skills to troubleshoot design challenges and develop a new "jewelry language" through shape, color, material and wear-ability. This workshop will focus on partnering experimentation with fabrication and stretch the definitions of what a brooch can be.

Sat, Feb 3 - Sun, Feb 4; 10am - 5pm
Intermediate & above; Jewelry 2 skills req'd
\$400 (Early Bird: \$380); kit TBD



Moscow Mule Cups

with Adam Whitney

Looking to form your own bar ware for your next social gathering? In this workshop students will make a moscow mule cup out of copper sheet and a whole lot of hammering. Utilizing the technique of angle raising, students will control how metal moves and form a unique cup design through repetitive hammering. Attention will be placed on the design and execution of the foot and rim of the cup as well as texturing, finishing, and polishing.

Fri, Feb 9 - Sun, Feb 11; 10am - 5pm
Basic and above; Jewelry 1 skills required
\$525 (Early Bird: \$498.75); \$15 kit



Lapidary at the Bench

with David Baird

This class is geared towards the jeweler who wants custom cut stones but may not have a large lapidary machine to make them. Over two days, learn to cut, alter, refashion and customize cabochon stones with tools from your bench! Stones can be re-worked to suit specific needs using a flex shaft and hand tools. Demonstrations include methods for reshaping, carving, and drilling through stones using tools that any one can find or already has at their bench. Bring your scratched, broken, and badly cut stones to turn them into something new!

Sat, Feb 17 - Sun, Feb 18; 10am - 5pm
Basic and above; Jewelry 1 skills required
\$400 (Early Bird: \$380); \$75 kit



Introduction to Jewelry Making

with Wendy Jo New

This condensed two-day exploration of metalworking fundamentals is perfect for those who have always wanted to learn jewelry-making but never had the time. Students will saw, anneal, solder, file, texture, solder inlay, dap, dome, drill, and finish nonferrous metals while creating one-of-a-kind jewelry to wear home. Additionally, learn to set a bezel-set a cabochon stone (or maybe 2!) and make your own ear wires and a pair of earrings. This is a great class for the beginner on the go, or for those who just need a quick refresher.

Sat, Feb 24 - Sun, Feb 25; 10am - 5pm
Beginner; No experience needed
\$375 (Early Bird: \$356.25); \$50 kit



Soldering Boot Camp

with Karen Christians

Good soldering techniques are the foundation of jewelry fabrication. Understanding how metal reacts to heat and how to make accurate, well-fitting joints are the true secrets of successful soldering. This 2-day workshop will cover the basics of soldering including joints, connections and cleanup. Have all of your questions answered about styles of soldering, tips on safety and ventilation in your studio, and how to troubleshoot a myriad of soldering issues.

Sat, Mar 3 - Sun, Mar 4; 10am - 5pm
Basic and above; Jewelry 1 skills required
\$400 (Early Bird: \$380); kit



Creating and Embellishing Enamel Decals

with Anne Dinan

This class is all about decals for vitreous enamels. Become skilled at manipulating your own photos and then printing, applying and firing decals to get the very best results. The instructor will demonstrate both torch fire and kiln firing methods. This class is intended for any artist that wishes to learn methods to incorporate imagery into their enameled pieces.

Sat, Mar 10 - Sun, Mar 11; 10am - 5pm
Basic and above; Jewelry 1 skills and some
enameling experience required
\$400 (Early Bird: \$380); \$25 kit



Fabricating Basket Settings for Faceted Stones

with Victoria Hall

Explore the traditional technique of fabricating basket settings. Students will learn to create basket settings in a variety of shapes including round, oval, and pear. These techniques will be used to create a pair of lovely stud earrings, as well as a pendant. Students will be taught proper hand positioning and bur control, how to cut the perfect seat, and a variety of ways to shape the prong.

Sat, Mar 17 - Sun, Mar 18; 10am - 5pm
Intermediate & above; Jewelry 2 skills req'd
\$400 (Early Bird: \$380); \$140 kit



Creative Uses for Pre-Made Components

with Paulette Werger

Making every component in a piece of jewelry is wonderful, but there are situations when you can save time by working with commercial chain, findings, settings and other pre-made elements. This workshop will focus on integrating prefabricated parts in exciting ways. This is a great opportunity to give new life to that collection of parts and supplies that have been hiding in your studio. Take your work to a new level and discover inventive ways to approach jewelry that includes off-the-rack elements.

Fri, Mar 23 - Sun, Mar 25; 10am - 5pm
Basic and above; Jewelry 1 skills required
\$500 (Early Bird: \$475); kit TBD

How to Register:

Read full course descriptions and register online anytime at www.metalwerx.com - or sign up by phone during regular business hours. Courses are filled on a first-come, first-served basis. Refund Policies are listed on our website. Please contact us if you have any questions at 781-891-3854 or info@metalwerx.com

Materials Kit Policy:

Metalwerx provides materials kits in classes for our students' convenience. We must estimate costs many months in advance from when we actually order supplies for your class. Due to the volatility of the metals market, all materials prices are subject to change. The actual cost of your kit will be based on the cost of supplies at the time materials are ordered. Students will be notified in advance of any changes. Differences will be collected or reimbursed at class.

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Pulse Arc Welding

Micro pulse arc welding is widely known to be a useful tool to increase efficiency with basic bench tasks such as ring sizing, connections near heat-sensitive stones, and repairing porous castings.

We have designed a hands-on private class that covers a wide variety of weld tasks and tricks intended to enhance current processes. Our tailored certification gives students time to practice applications so they can become qualified to rent time on our Orion 200i2 Welder.

Tuition covers 6 hours of instruction and practice time with Wendy Jo New or David Baird.

Fees:

Tuition - \$400

Materials Kit (optional) - \$35



For more information and schedule availability go to www.metalwerx.com/pulse-arc-welding