**GUEST INSTRUCTOR**

**Peter McGrain**  
**Glass Painting and VITRI-FÜSÁILLe Technique 4-Day Intensive Session**

Delphi is pleased to welcome renowned glass artist and instructor Peter McGrain this Summer to present his Intensive 4-Day Glass Painting and Fusing Workshop. Students of all experience levels are encouraged to attend! Every aspect of traditional glass painting will be covered, as well as his amazing VITRI-FÜSÁILLe Technique which combines glass painting with kiln-formed glass. As well as making several personal pieces, participants will help create an impressive set of group projects. The group projects from last year’s session can currently be seen on the front cover of the Delphi Supply Catalog. Anyone who wants to learn as much as they possibly can in one workshop and have a blast at the same time, is encouraged to sign up for this special class!

4 DAY INTENSIVE FORMAT  
The purpose of this workshop is to introduce students to the techniques involved in Traditional Glass Painting, and the Vitrifusáille® process. An emphasis is placed on informing students about available materials and techniques, how they are accomplished, and what the potential for their artistic use can be. Experienced glass painters as well, are encouraged to participate as a way to broaden their own experiences with the medium.

DESCRIPTION:  
Authentic Traditional Glass Painting is a mandatory skill for any glass artist interested in achieving greater visual sophistication. This class offers a comprehensive introduction into the various aspects of genuine glass painting techniques, including the use of traditional glass stainer’s paints, silver stains, and kiln-fired enamels. Topics include historical overview of applications and techniques, material types and their sources, with an emphasis on the techniques of tracing, matting, stippling, controlling hardness, application alternatives, studio setup and more. Vitrifusáille® is a new glass term which describes the combined processes of flat glass Fusing and Traditional Glass Painting. It is characterized by a degree of expressive, color saturated, illustrational imagery which cannot be found in other glass formats which utilize these processes. Vitrifusáille® allows the artist an opportunity to create vivid imagery in glass without being confined by interfering lead lines or fragmented compositions. The process involves the creation of specially prepared fused glass tiles which are subsequently enhanced using traditional glass painting techniques. Students begin the process through a series of design strategies which lead to an attainable project plan. Base tiles are then created by fusing a color field layer of System 96® cathedral glass over an underlying substrate of clear fusible glass. These layers are fused together to form a 1/4" thick tile upon which the painted imagery will be applied. Using a variety of learned traditional glass painting techniques, the final imagery of the art piece is then developed and accomplished with several separate paint applications and kiln firings. Finished tiles can then be framed or integrated into more traditional glass working formats.

4 Days (8 Hours each), Tuition: $950  
Tuesday-Friday, August 2-5  
9:00am-5:00pm

**Guest Instructor**

**Patty Gray**

Patty and her husband opened their first glass blowing studio in 1975, but in the early 80’s her interest turned to fusing. Patty’s knowledge of glass was built largely through experimentation in fusing and casting techniques. Her experiments paid off! Along with her husband, she has been producing architectural fused and cast glass works for commercial buildings and private residences for over 10 years.

**Advanced Fusing Techniques**

In this hands-on three day workshop, designing a bowl will be the main project. Students will be encouraged to experiment with advanced kiln working techniques and apply them to their own style. Instructor Patty Gray will demonstrate combing, pulling stringers from a vitrigraph kiln, making and applying pattern bars, use of stringers, gold leaf, mica, glass powders/bronze and lots more. Students will have the opportunity to do cold-working/finishing of glass and everyone will be introduced to the different machines/equipment. Students will come away from this class with a better understanding of these coldworking/finishing processes. Students should bring their own cutting tools.

All Materials are Included. 3 Days, Tuition: $675

- Saturday-Monday, October 22-24  
  9:00am-5:00pm
- Tuesday-Thursday, October 25-27  
  9:00am-5:00pm

**Guest Instructor**

**Kim Fields**

On a whim, in 1989, Kim took a beginning’s lampworking class. Just a year later she found that working with glass was so fulfilling, she decided to leave her 20-year corporate career behind and devote herself completely to the art of glass beadmaking and jewelry design. Kim’s work has achieved world-wide recognition in the past nearly 25 years. During this time he has handled every type of stained glass project imaginable; ranging in scope from intimate experimental panels to large-scale architectural installations. His award-winning art work has been exhibited internationally.

**Sculpted Butterflies**

Learn to make beautiful butterfly beads using a variety of sculptural techniques. This one-day workshop will include demonstrations of a simple butterfly and expanding to include realistic, more elaborate details. We’ll use a variety of reference materials for form and color accuracy. Techniques will include assembling canes, color mixing and overlays, heat control, and controlled application and manipulation of stringers and dots. This workshop is intermediate to advanced level.

All Materials are Included. 1 Day, Tuition: $195  
Friday, November 11  
9:00am-5:00pm

**Sculpted Birds**

Learn to make beautiful bird beads using a variety of sculptural techniques. Demonstrations will include making simple birds to perfect shape and expanding to include realistic details. We’ll use a variety of reference materials for form and color accuracy. Techniques will include assembling canes, color mixing and overlays, heat control, and controlled application and manipulation of stringers and dots. This workshop is intermediate to advanced level.

All Materials are Included. 2 Days, Tuition: $390  
Friday-Saturday, November 12-13  
9:00am-5:00pm

**Guest Instructors:** Wesley Wong, Patty Gray, Michael Dupille, Peter McGrain, Josh Mazet and Kim Fields. Visit DelphiGlas.com/GuestInstructors for details.
Fused Glass

Learn several methods of bending glass strips and weaving them into textural patterns. You will prepare the strips using one of the ceramic forming molds, or with a mold constructed from fiber paper. The strips are incorporated into a basket weave. We will cover the firing considerations with the different types of glass, spacing of the glass, and the firing schedules. You will have the opportunity to make two or three rectangular or round basket weave panels to take home. Students may add a base layer to their basket weaves or slump them into a plate or bowl on their own.

All materials included.

Skill Level: All levels, basic glass cutting skills required.

Tuition: $225

Sunday, July 10 9:00am-5:00pm

Wesley Wong

Fused Glass Butterflies & Dragonflies

Create a 7” fused glass Monarch butterfly or a 7” dragonfly attached to a lily pad. The butterfly can be incorporated into a mosaic project or mounted for display. Techniques will be covered for adding wires for antennae and legs, angling the wings to appear like they are flying, and how to scale them for ornaments. Students will learn how to attach hardware for mounting the butterfly for wall display or as a garden stake. The dragonflies may be embellished with glow-in-the-dark powder to illuminate the wings at night. As time permits, students can make a dragonfly pendant or other small bug.

All materials are included.

Skill Level: Intermediate, basic glass cutting skills required.

Tuition: $225

Saturday, July 9 9:00am-5:00pm
**Stained Glass: 101**
Introduce yourself to a new craft! We’ll teach you all the skills to create your own stained glass projects using the copper foil technique. Create a stained glass panel in this three-week course in the method developed by Tiffany Studios. Work at your own pace as you develop your technique in this thorough introductory class. No prior experience or artistry is required.

**Tools and Materials Extra.**
3 Weeks (3 Hours each), Tuition: $60

- Tuesdays, July 26-August 9 6:00pm-9:00pm
- Wednesdays, August 31-September 14 6:00pm-9:00pm
- Mondays, October 3-17 6:00pm-9:00pm

**Leaded Glass Windows**
No glass cutting required! Easily combine pre-cut stained glass and beveled glass pieces into a stunning 9-1/2" x 11-1/2" leaded panel with an engraved center oval bevel of your choice. Learn the basic techniques of lead came construction. **Tools and Materials are Included. 1 Day (5 Hours), Tuition: $80**

- Sunday, July 10 11:00am-4:00pm
- Saturday, September 3 10:00am-3:00pm

**ONE-DAY**
**Beginning Stained Glass**
Learn to make a stained glass panel in this one-day class. This condensed version of our popular 3-week course is ideal for busy or out of town students. We will teach you how to cut glass, grind it to fit and solder it all together in the copper foil technique made popular by Tiffany Studios. No previous glass experience is required as you start your journey into this time honored craft.

**Tools and Materials Extra.**
1 Day (8 Hours), Tuition: $60

- Saturday, July 23 9:00am-5:00pm
- Sunday, August 21 9:00am-5:00pm
- Saturday, September 24 9:00am-5:00pm

**Stained Glass Workshop**
Not sure if stained glass is for you? This low risk class is a great, inexpensive way to try this wonderful art. Use our tools to create a small suncatcher while learning the basic stained glass skills that could lead to beautiful windows, lamps and gift items. Have a friend or family member interested in stained glass? Recommend this class! No experience is required.

**All Materials and use of our Tools Included.**
1 Day (2½ Hours), Tuition: $35

- Sunday, July 17 12:00pm-2:30pm
- Friday, August 12 6:00pm-8:30pm
- Sunday, September 18 11:00am-1:30pm

**Stained Glass: Beyond the Basics**
Take your beginning stained glass skills to another level. Review the basics and get tips and hints to improve your technique. We will cover topics including modifying patterns, working with bevels, basic repair, reinforcing and metal framing. Bring a copper foil work in progress for guidance and advice.

**Tools and Materials Extra.**
2 Weeks or 6 Hours, Tuition: $50

- Mondays, July 18-25 6:00pm-9:00pm
- Tuesdays, September 27-October 4 6:00pm-9:00pm

**Cutting Art Glass**
Cutting glass is a two step process: the score and the break. We’ll show you the best ways to do both. Your instructor will demonstrate techniques to cut glass accurately and easily with a variety of glass cutters. Students will receive samples of glass, and try several different types of cutters.

**Tools and Materials Included.**
1 Day (1½ Hours), Tuition: $30

- Saturday, July 16 10:00am-11:30am
- Friday, August 19 6:00pm-7:30pm
- Saturday, September 11 11:00am-12:30am
- Wednesday, October 12 6:00pm-7:30pm

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Soldering Made Easy
Learn to achieve beautiful, uniform (and fast!) solder lines. We’ll cover technical aspects of solder formulas, irons and flux. Basic stained glass skills required. 
Bring your own solder, iron, flux and a small panel ready to be soldered. 
1 Day (2 Hours), Tuition: $45

Saturday, July 16 1:00pm-3:00pm
Friday, August 26 6:00pm-8:00pm
Sunday, September 11 2:00pm-4:00pm

Band saw Magic
Cut “impossible” shapes and minimize unsightly background lines! Get great tips on the saws themselves, and how to cut different types of glass and multiple pieces. Tools and Materials Included. 1 Day (2 Hours), Tuition: $35

Sunday, July 24 11:00am-1:00pm
Monday, September 12 6:00pm-8:00pm

Copper Foil Studio
In this three-day class artist Roy Kapp will show you how to cut faster and more accurately, foil and solder more flawlessly, and patina and polish your artwork to perfection. You’ll see special techniques for challenging cuts, especially on the lovely but sometimes difficult handrolled glasses, including high-texture glass like ripples. Learn the easy way to build custom sized frames that will give your foil panels a beautiful, professional look. Roy will also demonstrate making better piece patterns and repair techniques for copper foil panels. After this class, you’ll be amazed at your skills.
All Materials Included. 3 Days (6 Hours each), Tuition: $295

Wednesday - Friday, July 13-15 10:00am-4:00pm
Wednesday-Friday, November 9-11 10:00am-4:00pm

Lead Came Construction
Create truly superior quality lead came work in this 3-day intensive class. Ideal for bevel panels and large architectural construction. Topics include cutting glass, making patterns, assembly, cementing, and reinforcing larger came panels. Students will construct a small panel and a larger piece with a bevel cluster. Previous lead came experience not required. Glass cutting and soldering experience required.
Tools and Materials Included. 3 Days (7 Hours each), Tuition: $295

Thursday-Saturday, July 7-9 10:00am-5:00pm
Sunday-Tuesday, October 16-18 10:00am-5:00pm

Beginning Sandblasting
Instruction on set-up, use of tools and sandblaster maintenance. Create original works of art by cutting your own stencils for surface etching. Then use your designs on cathedral glass and specialty flashed glass. No previous experience necessary. All materials and the use of sandblasting equipment are included. Choice of stencil design books to take home. 1 Day (2½ Hours), Tuition: $65

Sunday, July 24 2:00pm-4:30pm
Friday, September 9 6:00pm-8:30pm

Panel Lamp Class
Create a beautiful stained glass lamp for your home or as a gift. Panel lamps are fun and easy to create with only a little copper foil experience. Learn to select the proper pattern, size, glass, and a base for a panel lamp. Get advice on the best glass to use for your lamp style as well as lamp base recommendations. We’ll provide tips for easy assembly, wiring, and more.
Basic foil experience and tools required.
Materials Extra. 3 Weeks (3 Hours each), Tuition: $65

Tuesdays, July 5-19 6:00pm-9:00pm
Thursdays, October 6-20 6:00pm-9:00pm

Tiffany Lamps Odyssey™ Technique
Create an heirloom quality lamp in this Tiffany reproduction class. Demos include each technique required to create a Tiffany style lamp, using the Odyssey method. Preparation of fiberglass form, attaching glass to form, glass selection, etc. are covered. Students will learn how to select the glass based on color, style and texture. Class meets four times over a 6-week period, allowing students more time to complete their lamps. Cutting and soldering skills are required.
Students are encouraged to select their lamp forms prior to class. Odyssey forms purchased for class will receive a 20% discount.
4 Weeks (2½ Hours each), Tuition: $75

Wednesdays, September 28-November 2 6:00pm-8:30pm
Class skips October 12 and 26.

Stained Glass Images
Create a unique sculptural stained glass piece with imbedded images in this class. You will learn how to use the proper tools and techniques for cutting glass, as well as foiling and soldering. Students will learn about using decals and color slides, combining various paper crafting materials to make one of a kind mixed media pieces. Students will have a choice of different designs for their project. You may bring your own papers, ribbons, stickers, photos or any other materials you wish to incorporate into your unique mixed media pieces. No stained glass or glass cutting experience necessary.
Use of Tools and Supplies is Included.
1 Day (5 Hours), Tuition: $65

Sunday, July 31 11:00am-4:00pm
Sunday, September 25 11:00am-4:00pm
ONE-DAY FUSING is Fun
Learn basic techniques for fusing, including jewelry and home décor. Topics include kiln types, glass compatibility, fusing schedules, molds, and more. You’ll fuse a 4” tile, or make fused pieces for jewelry. Basic glass cutting skills are recommended but not required.
Tools and Materials Included, except jewelry findings.
1 Day (6 Hours), Tuition: $75

Fusing: 101
Learn the basics of fusing in this two week course. Topics will include information about kiln types, glass compatibility, fusing schedules, molds, and more. In class students will fuse a 4” tile, and make fused pieces for jewelry. Work with different size kilns, including computer controlled and manually operated types. Basic glass cutting skills recommended.
Tools and Materials Included, except jewelry findings.
2 Weeks (3 Hours each), Tuition: $75

Fusing: 201
Gain more fusing experience while becoming more familiar with various kilns and their controllers. Learn to program our most popular kilns’ digital controller. Create your own projects while learning how to develop the appropriate firing schedules. Students will have an opportunity to work with mica powders, decals, metal inclusions and other decorative fusing elements. Delphi will supply a selection of molds for use in class. Students must have previous experience, such as a beginning fusing class. Some decorative materials included.
Tools and Materials Included.
2 Days or 2 Weeks (2½ Hours each), Tuition: $95

Fusing: 202
Combing and Vitrigraph
Learn these two advanced fusing techniques in this one day class. Combing is an exciting process of manipulating hot glass in a kiln using a stainless steel rake to pull across the surface of the molten glass. This motion causes different colors to blend and streak in unique one-of-a-kind designs. Students will make a finished project with their combed piece. See how to set up the vitrigraph kiln to produce streaming hot glass into swirls of color and shapes. Manipulate the molten glass as it flows out of the bottom of the kiln to create your designs. Use the finished free formed stringers to create a totally unique piece of fused glass art. Topics include kiln safety and set up, shelf preparation, strip cutting, combing and vitrigraph techniques.
All materials for both projects are included. 1 Day (5 Hours), Tuition: $95

Fusing 203 Secrets to Slumping
Not sure what temperature at which to best slump your glass project? Then this informative and hands-on class is just for you. Topics will include how glass reacts to temperature, how different styles of molds require different temperatures, how glass thickness affects the slumping process and many others. Students will have an opportunity to make a fused piece that will be slumped at a later date by the instructor. Students will be encouraged to create their own slumping schedules based on their fused piece and type of slump desired. Slumping schedules for drop rings, floral formers, ceramic and stainless steel molds will be covered. This is a great opportunity to try a new mold and slumping technique.
Students will have access to a variety of different slumping molds for use in class. Materials Included. 1 Day (5 Hours), Tuition: $95

Fusing: 301 Metal Inclusions
Learn about the different types of metals for fusing in this intermediate fusing class. Students will explore the interactions and reactions caused by the various metals and glasses. The metals used in class will include copper, brass, gold leaf, silver leaf and wire, aluminum foil and others. Learn the secret for keeping copper shiny after it has been fused between two layers of glass. See how to minimize air bubbles in your finished pieces. Topics such as firing schedules, metal reactions, and designing projects will be covered.
1 Day (5 Hours), Tuition: $95

Fusing FUNdamentals
Learn the basics of fusing including glass compatibility, kiln operation, fusing, slumping and annealing. In class we will sample many types of glass including frits, stringers, confetti and dichroics. Students will create a fused glass bracelet, glass plate and a tile or coaster during this three day course.
Tools and Materials Included.
3 Days (6 Hours each), Tuition: $295

Fused Art Glass Plates
Create colorful art glass plates. Easy to make, even if you’ve never worked with glass before! Sprinkle, scatter or position various colored frits, confetti and stringers to create exciting, unique effects. Your glass plate will be fused into a solid disk, then formed into a standard 9-1/2” plate shape (pick up the finished plate in about a week).
Tools and Materials Included. 1 Day (2 Hours), Tuition: $50
GLASS FUSING

Fused Glass Gems
Make dazzling fused glass gems for artistic jewelry. Learn the basics of glass fusing. Topics include glass compatibility, firing schedules, annealing and more. Work with frits, glass rods, dichroic glass, fusing decals and fine silver wire. After fusing, learn finishing techniques including working with a jewelry bit to get your pieces ready for wire wrapping. No experience is required.

Tools and Materials Included.
2 Days or 2 Weeks (3 Hours each), Tuition: $75
Sundays, July 24-31 11:00am-2:00pm
Thursdays, September 22-29 5:30pm-8:30pm

Casting with Ceramic Molds
Casting is different from other forms of working with warm glass, with its own tricks and techniques. In this class we will work with frit and one of three jewelry molds (yours to take home) to create a unique jewelry piece, while discussing the answers to the casting questions of the ages. Some previous fusing experience is helpful but not necessary.

Materials and Mold Included.
1 Day (2 Hours), Tuition: $60
Friday, July 15 6:00pm-8:00pm
Sunday, August 28 11:00am-1:00pm
Friday, October 7 6:00pm-8:00pm

Kiln Cast Bowls
Create a unique bowl with a custom shaped drop ring. Using fiberboard, you’ll carve two molds that will determine the shape of your bowl. Fuse glass with confetti, frits, and stringers to create a one-of-a-kind piece of the art! No experience necessary. Tools and Materials Included.
1 Day (2 Hours), Tuition: $75
Sunday, July 31 3:00pm-5:00pm
Wednesday, August 24 3:00pm-5:00pm
Sunday, September 11 3:00pm-5:00pm

Photo Fusing Paper
Turn your photos into fused works of art in this fun class. Preserve your memories while creating a glass heirloom. Learn how to work with the water-slide photo fusing paper and create rich sepia toned decal. We will then incorporate the decal into a fused glass design. Students will complete a 10” plate or four 4” tiles in this 2-hour class. Students are encouraged to email photos ahead of class so they can be prepared by the instructor. Glass cutting skills are recommended. All Materials Included. No fusing experience is necessary. 1 Day, (2½ Hours), Tuition: $65
Tuesday, July 12 5:30pm-8:00pm
Saturday, September 10 2:30pm-5:00pm

Creating Fused Glass Flowers
Students will experiment with flower designs using the book Fused Glass Flowers and related molds. Subjects such as color use, fusing schedules, critical analysis of fusing designs and methods of attaching flowers to stems will be covered. Glass cutting experience is required.

All Materials and Book Included.
2 Weeks (2 Hours each), Tuition: $65
Fridays, July 22-29 6:00pm-8:00pm
Sundays, September 25-October 2 3:00pm-5:00pm

Copper Enameling for Beginners
This class introduces the exciting, ancient art of copper enameling. Learn the many ways to apply and manipulate enamels on copper surfaces. Make small jewelry projects the first week and decorative home décor pieces the second week. Multiple techniques, including sgrafitto (scratching through the enamel) will be made simple for the beginner. No experience necessary. Students will select and purchase home décor pieces.

Use of enamels, tools and copper for jewelry pieces included. 2 Weeks (2½ Hours each) or 1 Day (5 Hours), Tuition: $65
Thursdays, July 21-28 6:00pm-8:30pm
Saturday, September 10 10:00am-3:00pm

Enameling on Glass
Add detail and decoration to stained glass and fusing by painting on graffito (scratching through the enamel) to complete two projects in class. No experience required.

Tools and Materials Included.
1 Day (3 Hours), Tuition: $50
Monday, August 8 6:00pm-9:00pm
Sunday, October 2 12:00pm-3:00pm

Copper Enamelled Jewelry
Create a stunning piece of unique jewelry by learning copper enameling. Each student will learn the preparation of copper, applying enamel, firing and proper safety. Choose from a large color palette of opaque and transparent enamels to customize your design. Hands on work allows you to use and understand the tools and supplies involved in firing this ancient art. Students will make a bracelet, pendant and earrings. No experience necessary.

Tools and Materials Included.
1 Day (3 Hours), Tuition: $70
Sunday, August 7 12:00pm-3:00pm
Thursday, September 29 6:00pm-9:00pm

Fused Bracelets and Necklace
Create your own unique fused glass jewelry in this one-day class! Make two different styles of bracelets and a pendant. Complete two kiln formed cuff bracelets; one supplied by the instructor, the other your own custom design. Learn the techniques of shaping glass around a mold in the kiln. Students will also make a link bracelet with dichroic mini cabochons fused during class. Gluing techniques will be covered along with making a pendant necklace. The fusing schedules used in class will be covered. Glass cutting or fusing experience is recommended, but not required.

All materials including dichroic glass are included.
1 Day (7 Hours), Tuition: $85
Saturday, August 6 10:00am-5:00pm
Saturday, October 8 10:00am-5:00pm

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**Beadmaking Basics Workshop**

Come try beadmaking in this 3 hour beginner workshop. This class will provide an overview of glass beadmaking using a torch. Turn glass rods into glass beads in this hands-on introduction to beadmaking. **All materials and use of our torches are included in this fun and informative warm glass experience.** 1 Day (3 Hours), Tuition: $60

- **Saturday, July 16** 10:00am-1:00pm
- **Monday, September 19** 5:00pm-8:00pm
- **Sunday, October 23** 10:00am-1:00pm

**Beadmaking Basics Workshop 2**

Add to your skill base learning how to pull and use one and two color stringers to make dots and flowers. Try a variety of hand tools for stretching, shaping and mashing. **All materials and use of our torches are included.** Students will need to bring a can of MAP/Pro gas to class. MAP/Pro can be purchased at your local hardware store or big box home improvement store. **1 Day (3 Hours), Tuition: $60**

- **Saturday, July 16** 2:00pm-5:00pm
- **Sunday, October 23** 2:00pm-5:00pm

**Glass Beadmaking for Beginners**

Learn to create unique and stunning glass beads! This class covers the basics including bead shaping, decorative techniques, proper use of various tools and glass, and much more! **Tools and Materials Extra. 1 Day (7 Hours), Tuition: $75**

- **Saturday, July 2** 9:00am-4:00pm
- **Sunday, August 21** 9:00am-4:00pm
- **Sunday, October 9** 9:00am-4:00pm

**Glass Beadmaking Beyond the Basics**

Perfect your bead making skills and try some new techniques! Each student will have their own work station, equipped with a Minor Bench Burner, in order to work extensively on this hotter and faster torch system. Learn to safely set up and use the torch, hoses, regulators and intermediate hand tools not covered in our beginning class. New things to try include the use of silver sheets, millefiori, dichroic glass acccents, and basic sculptural techniques. Demos include making and applying multicolored stringers and latticinos. **Torches and some materials provided. Students are expected to bring hand tools for torch work, mandrels and glass rods. 1 Day (7 Hours), Tuition: $95**

- **Sunday, July 17** 9:00am-4:00pm
- **Sunday, September 25** 9:00am-4:00pm

**Torch Fired Enameling For Beginners**

Explore the spontaneity of torch fired enameling. This is a beginner level class in which students will learn the art of copper enameling using a torch. Students will gain the basic understanding of what enamels are, the firing process, and also complete a few finished pieces using simple yet sophisticated surface design techniques. **No torch work or enameling experience necessary. All materials and use of our torch heads included. 1 Day (5 Hours), Tuition: $70**

- **Saturday, July 23** 10:00am-3:00pm
- **Sunday, September 18** 11:00am-4:00pm
- **Sunday, October 30** 11:00am-4:00pm

**Intro to Boro with Val Oswalt-De Waard**

This one-day class provides an introduction to the safe set up and operation of professional grade torches, including hoses, couplings, oxygen, propane and pressure gauges. Each student will have the use of a complete work station, including torch, hand tools and borosilicate glass. Students will have an opportunity to experiment with color, while creating pendants and small solid forms. **Tools and Materials included. 1 Day (7 Hours), Tuition: $95**

- **Saturday, July 9** 9:00am-4:00pm
- **Saturday, August 20** 9:00am-4:00pm
- **Saturday, September 11** 9:00am-4:00pm
- **Saturday, October 22** 9:00am-4:00pm

**Boro - Just Beyond the Basics with Val Oswalt-De Waard**

Are you ready to take your boro experience to the next level? Take this one-day class to refresh and expand your flame-working skills. Learn to stretch your beginning talent into accomplishing small delightful characters. Our focus in this class will be on sculpting creatures like sea horses, dolphins and turtles. Some previous borosilicate experience is required. **Torches and some materials provided. Students are expected to bring hand tools for torch work, mandrels and glass rods. 1 Day (7 Hours), Tuition: $95**

- **Sunday, August 14** 9:00am-4:00pm
- **Saturday, October 29** 9:00am-4:00pm

**Intensive Bead Workshop with Val Oswalt-De Waard**

Includes safety in the bead studio, and the proper use of the minor bench burner and related tools. Students will learn to melt and control molten glass to achieve various shapes, multiple colors, and decorative textures. We’ll make and use glass stringers for embellishing beads with dots, spirals and more advanced applications. **Tools and Materials Included. 3 Days (6 Hours each), Tuition: $295**

**Blown Glass Globes for Beginners**

Making custom glass ornaments is easy with Glaskolben pre-blowed clear glass cylinders with blow pipe ends. These ornaments have the look reminiscent of traditional European artisans. Students will use a Hot Head torch and MAP gas to create several ornaments. Use 90 COE frits and stringers to customize your holiday decorations. No previous flame-working or glassblowing experience is required. **All Materials Included except MAP or MAP/Pro gas. 1 Day (2 Hours), Tuition: $60**

- **Monday, July 25** 5:00pm-7:00pm
- **Saturday, September 10** 10:00am-12:00pm
- **Wednesday, October 19** 5:00pm-7:00pm

**Marble Making in Soft Glass**

Expand your skills and learn about the exciting world of marbles. Students will learn the basics of making a marble using soft glass and steel punts. Topics will include proper annealing and different designs and methods. Marbles will be made with Italian 104 COE glass rods using the minor bench burner torches. Some previous flame-working experience is required. **Tools and Materials Included. 1 Day (4 Hours), Tuition: $60**

- **Saturday, August 13** 10:00am-2:00pm
- **Wednesday, October 5** 4:00pm-8:00pm

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Mosaics:101 NEW
Experience the classical art of glass mosaic in this one-day workshop. This class will introduce students to the direct mosaic method using traditional mosaic design elements. Learn glass cutting techniques, gluing and grouting applications along with tips on designing or modifying patterns. Students will work on an 8” wood base in class. No previous glass cutting or mosaic experience is required. All materials and use of our tools are included.
Tools and Materials Included. 1 Day (6 Hours), Tuition: $95
Friday, July 29 10:00am-4:00pm
Saturday, October 29 10:00am-4:00pm

Mosaic Walls, Floors & Accents with Roy Kapp
Add style and personality to your home with architectural mosaics. Add custom back splashes, stair risers, murals, floors, or borders to your home. Students will work on a sample mosaic project either on fiberglass mesh or a wood backer board. Topics covered will include: direct and indirect mosaic methods, interior and exterior applications, adhesives, and a variety of materials such as glass, small, and tiles. Tools and materials extra.
2 Weeks (3 Hrs each), Tuition: $75
Tuesdays, August 23-30 5:30pm-8:30pm
Mondays, October 24-November 7 5:30pm-8:30pm

Architectural Mosaic Seminar with Roy Kapp
Complete 2 panels, using both the direct and indirect methods. Students will be introduced to the “direct mesh” method – an exciting combination of these two traditional techniques. Learn the tools and techniques for larger format architectural applications for both interior and exterior, and high humidity applications, such as bathrooms. Includes in-depth information on a variety of materials. Some limited mosaic experience is recommended but not required.
Tools and Materials Included. 3 Days (6 Hours each), Tuition: $295
Wednesday-Friday, October 12-14 10:00am-4:00pm

Mosaic Art Tables
Learn to make a beautiful glass mosaic table, even if you have never done mosaics before! Choose from a few different table shapes ranging in size from 15” to 17”. Tuition includes wood table top, wrought iron legs, glass, glue, grout and use of our tools. The table will be created in the traditional mosaic style using mosaic nippers. Experienced glass artists may bring in their own glass and hand tools to cut more advanced designs.
1 Day (4½ Hours), Tuition: $95
Saturday, July 2 10:00am-2:30pm
Sunday, August 14 11:00am-3:30pm
Saturday, October 8 10:00am-2:30pm
Sunday, November 20 11:00am-3:30pm

Mosaic Home Décor
Make fun mosaic projects! Learn cutting techniques, gluing and grout application, plus tips on designing and modifying patterns. Beginners welcome.
Tools and Materials Included.
1 Day (4½ Hours), Tuition: $60
Sunday, August 7 12:00pm-4:30pm
Saturday, October 22 10:00am-2:30pm

Mosaic Bottle Lantern Workshop
Create a mosaic lantern using a recycled wine bottle with Julie Haan. Includes techniques in bottle cutting, finishing sharp edges, use of mosaic tools, and application. All mosaic materials will be included along with patterns. Students will need to supply their own bottle to mosaic on. Students will also receive a Kinkajou Bottle Cutter Kit, a $49.95 value, to take home to make more bottle creations. No previous mosaic or bottle cutting experience is necessary.
1 Day (4½ Hours), Tuition: $95
Saturday, August 13 10:00am-2:30pm
Saturday, October 15 10:00am-2:30pm

Beginning Metal Clay
Complete a silver slide pendant including a sparkling Cubic Zirconium stone while learning the basic clay types and how each is used. Topics include tools, techniques, embossing, texturing, polishing finished pieces, and safety.
Tools and Materials Extra.
1 Day (5 Hours), Tuition: $60
Saturday, August 6 10:00am-3:00pm
Sunday, October 9 12:00am-5:00pm

Wire Wrapped Jewelry
Add a little excitement to your fused glass gems. This technique is a great way to hang your fused pieces as well as display them. Students will learn basic wire wrapping techniques in this fun 2½ hour class. Two or more pendants can be embellished during class. Students may bring a couple of glass cabochons to wrap.
No prior experience is required.
1 Day, (2½ Hours), Tuition: $50
Saturday, August 20 10:00am-12:30pm
Monday, September 26 6:00pm-8:30pm

Metal and Wire Jewelry
Try your hand at metal jewelry decoration. Students will learn about tools for cutting, shaping and stamping designs on metal jewelry. Tools for wire working will also be discussed. Create designs from class patterns or create your own exciting designs. This is a great beginner course for those interested in making metal and wire jewelry.
1 Day (2½ Hours), Tuition: $50
Saturday, August 20 2:00pm-4:30pm
Friday, October 14 2:00pm-4:30pm