

Pyrography: An Introduction to Wood-Burning with Julie Bender August 4-5, 2012

Class Syllabus and Materials

Required materials for students to bring

Photographs:

Sunday project - Bring several PRINTS of photos that are 8" x 10" or smaller of animal or human in natural habitat (outdoor shots are best). Prints may be black and white or color and are best if clear and sharp, NOT out of focus or in shadow. Email Julie your choices if you like. Julie will also bring photo options for you. These will be traced over, so best not to use precious photos on film, rather prints of photos.

Woodburning unit and tip options:

Variable temperature/tips unit provide best results including ease of flow, tips that heat up easily and are interchangeable. Single and Dual units are available with each maker, either choice is fine. Recommended burners and 45 degree angle tips include:

- Razertip <http://www.razertip.com> single or dual burner unit with:
 - Small round shader
 - Medium Round Skew
 - Medium spear shader
 - 1.5mm (1/16") Ball Stylus
- Optima <http://www.carvertools.com/> single or dual burner unit with:
 - 19M - Ball tip
 - 7 - Round skew
 - 13S - Fish Scale or Flat work Shading pen
 - 18S - Spear point shader

Note:

- Burners and tips will vary per manufacturer, but all will suffice class projects
- I recommend heavy duty pens and cords over regular ones as they are more durable and can handle greater heat for longer periods of time, however regular pens are less expensive and work fine.
- Feel free to purchase more than the recommended tips for class.
- Other units and tips are available; the two listed above are recommended.

Other Supplies to bring:

Pencils (+ sharpener), and erasers

Transfer paper (graphite) to transfer photos or designs (can be found at Michael's)

Single-edged razor blades

Sandpaper (220 and 320 grit)

Scissors

Ball-point pens

Scotch tape

Syllabus

Saturday

- Introduction and overview
- Safety concerns
- Preparing the wood surface
- Transferring designs and photos
- Pen and tip care
- Discuss and practice using tips for various effects, including feather, fur, hair, skin, and vegetation such as grass, cattails, tree bark, leaves
- Practice on soft wood (basswood)
- Controlling darks and lights
- Fixing mistakes
- Coloring and finishing techniques
- Cleaning tips
- Prepare and create a small piece on basswood based on instructor-selected pattern

Sunday

- Introduction of project
- Discussion and practice on hard wood (maple) surface
- Students will begin and complete 8"x10" project based on techniques learned on Saturday
 - Transfer photo onto maple wood
 - Burn image with tools at hand
 - Q&A

Recommended reading:

- Sue Walters ***Pyrography Workbook*** - *The Complete Guide to the Art of Woodburning*. Purchase at <http://www.suewalters.com/PyroShop.html>
- ScrollSaw Magazine Pyrography issue
Purchase at <http://www.foxchapelublishing.com/p-1754-pyrography-special-issue.aspx>
- Instructor handouts will be provided free to students

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ALL SATURDAY AND SUNDAY CLASSES START AT 9:00 AM EASTERN TIME

For all classes it is a good idea to bring is a pencil, notebook, a dust mask, ear plugs and without a doubt, safety glasses and a camera, if you would like to take pictures. ● **Classes marked with dot (●) do not have a specific tool list.**
If your class requires hand tools, the tool list will be with this page. Lunch is included and will be served around noon.

Date	Class	Instructor
April 21-22, 2012	Introduction to Translucent Mineral Inlay	Stephen Hatcher
April 21-22, 2012	Fine Finishing with Hardware Store Materials	Tim Puro
April 28-29, 2012	Build A New-Lebanon Stool with a Splint Seat	Kerry Pierce
April 27-29, 2012 (Fri eve- Sun)	Making A Venerated Keepsake Jewelry Box	Paul Schurch
May 5, 2012	●Getting the Most from you Bandsaw	Michael Fortune
May 5-6, 2012	Build an Arts & Craft or a Modern Indoor/Outdoor Bench	Tim Celeski
May 5-6, 2012	Cold Bronze Casting & Mold Making	Scott Grove
May 5-6, 2012	Handplanes & Their Uses	Lie-Nielsen & Schwarz
May 19-20, 2012	●Machines: Safety, Set-ups & Uses	Steve Latta
May 19-20, 2012	Decorative Finishes with Flair	Mitch Kohanek
May 19-20, 2012	Teapots: Vessels with Carved Feet & Handles	Michael Hosaluk
June 9, 2012	●25 Ways to Machine Mortise & Tenon Joints	Jerry Forshee
June 9, 2012	●Chain Saw Safety by Stihl	Craig Walker
June 9-10, 2012	Dancing Glass: Stained Glass with a Twist	Cathy Claycomb
June 9-10, 2012	Making a Skateboard or Longboard, Parent/Child	Chris Gochnour
June 16, 2012	●Laser Marquetry: An Introduction to the Future of Veneering	Marc Adams
June 16, 2012	Making the Roubo Bookstand	Roy Underhill
June 16-17, 2012	Making a Router Table	Doug Dale
June 23-24, 2012	The Basics of Wood Finishing	Mitch Kohanek
June 23-24, 2012	Introduction to Intarsia	David Roth
June 23-24, 2012	Decorative Chip Carving	Craig Stevens
July 14, 2012	Fretboard Inlay: Secrets of Dealing with a Radius & Frets	Grit Laskin
July 14, 2012	What You Need To Know Before Starting Your Own Business	Carl Booth
July 14-15, 2012	Pattern Inlay & Decorative Borders	Steve Latta
July 14-15, 2012	Son of Skew	Alan Lacer
July 21-22, 2012	Husband & Wife Woodturning	Alan & Mary Lacer
July 21-22, 2012	Parent/Child Magic Class	Jeff Scanlan
July 28-29, 2012	Basic Veneering	Marc Adams
July 28-29, 2012	Principles of Wwkg Through the "Eyes" of a Simple Table	Keith Neer
July 28-29, 2012	Web Page for Woodworkers	Mark Sterner
July 28-29, 2012	Your Turn: Starting Out Right on the Lathe	Michael Mocho
August 4-5, 2012	Make a Beautiful European Style Cherry Cabinet	Zane Powell
August 4-5, 2012	Pyrography: An Introduction to Wood-Burning	Julie Bender
August 11-12, 2012	Making a Mountain Dulcimer	John Ressler
August 11-12, 2012	Gilding & Leafing: A Priceless Art	Peter Gedrys
August 11-12, 2012	Various Jigs & Fixtures of a Modern Boxmaker	Doug Stowe
August 18, 2012	Tricks to Installing All Kinds of Hardware	Doug Stowe
August 18-19, 2012	Hammer Veneering	David Orth
August 25, 2012	●Photographing Your Work	Michael Fortune
August 25-26, 2012	Carving Soap Stone	Mohammed Taheri
August 25-26, 2012	Really Cool Band Saw Puzzle Boxes	Jeff Vollmer
September 15, 2012	Getting Started in Spray Finishing	Mitch Kohanek
September 15-16, 2012	Back to Basics: Exploring Form	J Paul Fennell
September 15-16, 2012	Making Your Own Jigs for Accurate Mortise & Tenon Joinery	Jeff Miller
September 16, 2012	Lacquer Systems	Mitch Kohanek
September 22, 2012	Making Tambours & Angled Corner Cabinets	Zane Powell
September 22-23, 2012	●Sawing, Sorting & Stacking: How to Harvest of Log	Alf Sharp
September 22-23, 2012	Scroll Saw Potential	Marc Berner
September 22-23, 2012	Raise Your Woodworking Profile: Using Molding Planes	Williams & Mc Connell
October 6-7, 2012	Epoxy Surface Treatments for Woodworkers	Mark & Carol Hedin
October 6-7, 2012	●Machine Maintenance, Jigs & Fixtures	Powell & Dale
October 13-14, 2012	Making a Federal Executive Document Box	Headley & Hamilton
October 13-14, 2012	Taking Control of Color: The Next Step in Finishing	Mitch Kohanek
October 13-14, 2012	A Touch of Texture	Jennifer Shirley
October 20-21, 2012	The Making of Woodturning Tools, Jigs & Accessories	Alan Lacer
October 20-21, 2012	Basics of Upholstery	Mike Mascelli
October 20-21, 2012	Jigs & Fixtures for the #1 Chair	Michael Fortune