



Sgraffito: A Carving Breakthrough with Mark Arnold
June 24 & 25, 2017
Marc Adams School of Woodworking

The technique of skillfully and systematically scratching, cutting, or carving through an overlayment or veneer to reveal the substrate to which it is applied is known as sgraffito. When carving and veneering are featured on the very same detail like those found on sgraffito-carved decorative arts, some very unique design possibilities are created. In this two-day class we will explore a variety of tools and techniques that will allow you to do the unthinkable: carve veneer! We'll begin by exploring some of the combinations of woods that will yield striking results when carved through. Choosing the right adhesive, planning the proper sequence of cuts, and fashioning shop-made veneers suitable for carving will all be covered as well. We will also discuss the different machine processes that can be used to great effect on your own work. But the bulk of our time together will be spent practicing different gouge cuts and getting acquainted with the hand tools that will help you create your own successful sgraffito masterpiece!

Tool List

- Double-sided tape
- all-purpose masking tape 3/4" or 1"W
- carving chisels, v-tools, and gouges (Bring what you have. Most of the gouges we will be using will be in the 6mm to 14 mm range, all sweeps)
- bench chisels, 1/4", 3/8", 1/2", 3/4", and 1" widths
- carver's punch(es) for adding texture to background
- mallet
- scratch stock (see attached pattern)
- card scraper
- burnisher
- sharpening supplies & strop for carving tools, chisels & irons
- 10" dividers (lockable)
- mill file
- set of small (6") shaped files, various profiles
- riffler files- flat bottom, slight curve, tapered point
- sliding T-bevel

- pair of trammels with removable points (GENERAL TOOLS- part #524G)
- #4 smoothing plane
- 12" combination square
- measuring tape
- marking gauge
- marking knife
- awl
- sanding sponges- fine and extra fine or 220 and 320 grits

Cut List

Provided by students:

- scratch stock made to attached pattern

Syllabus

Saturday, June 24, 2017

Introduce topic w/ examples

Light substrate vs dark

Sliced vs sawn veneers

Show how to make thick veneers at table saw and planer

Gluing veneer to substrate

Explain and demo curved work

Present basic stab and relief cuts

Laying out a pattern

Practice carving different patterns

Sunday, June 25, 2017

Using machines to create different effects

drill press, lathe (demo only), table saw

Making a diaper pattern at the table saw

Adding curves

More decorative cuts with v-tools, gouges, scratch stock, etc.

Carving the veneer only

Leveling and treating exposed substrate—rifflers & punches

Carving more patterns

Cleaning up your carving

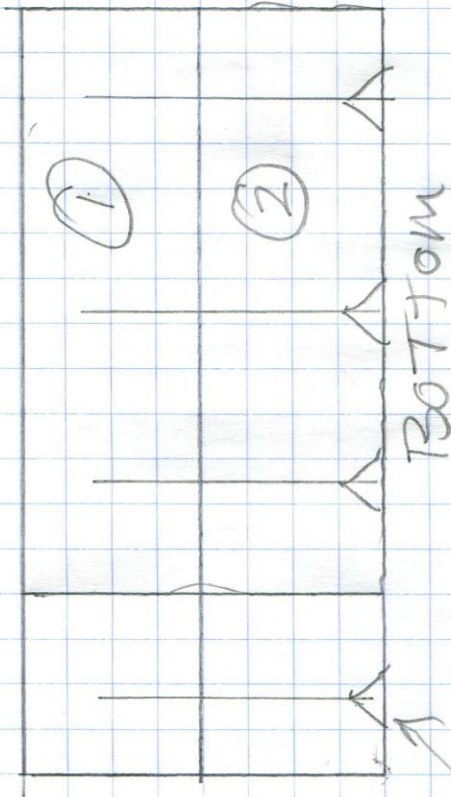
Note: Scratch stock pattern is over a 1/4" square grid. You may need to adjust your printer settings when printing.

SCRATCH STOCK

SCREW BOTH
HALVES TOGETHER
BEFORE SHAPING



END



SCREW
X4

SIDE

SQUARE INSIDE CORNER

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, safety glasses and a camera.

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.

| | | |
|--------------------|--|--------------------|
| April 7-9, 2017 | Beginning Rhino 3-D Modeling/CAD for Woodworkers | Dale & Mary Fugier |
| April 8-9, 2017 | Shellac: The Forgotten Finish | Mitch Kohanek |
| April 8-9, 2017 | Turning a Salt or Pepper Mill | John Koch |
| April 8-9, 2017 | Festool Essentials | Brian Sedgeley |
| April 29-30, 2017 | Turning Wet Wood | Jimmy Clewes |
| April 29-30, 2017 | A Woodworkers Introduction to the World of CNC's | Tim Celeski |
| April 29-30, 2017 | Guitar Building Methods 1 | John Ressler |
| May 6-7, 2017 | Guitar Building Methods 2 | John Ressler |
| May 6-7, 2017 | Turning Thin Wall Bowls | Binh Pho |
| May 6-7, 2017 | Really Cool Bandsaw Puzzle Boxes | Jeff Vollmer |
| May 6-7, 2017 | SketchUp for the Beginner | Mark Sterner |
| May 20, 2017 | (●)Clamping Strategies & Gluing Solutions | Michael Fortune |
| May 20, 2017 | Making Wood "Pop" | Mitch Kohanek |
| May 20-21, 2017 | Making a Bench Top Bench | Steve Latta |
| May 20-21, 2017 | Make A Cutaway Guitar Part I | John Ressler |
| May 21, 2017 | Rubbing Out the Finish: The Last Procedure | Mitch Kohanek |
| June 10, 2017 | (●)Pre-CNC Meeting | John Knight |
| June 10-11, 2017 | Embellishments | Garrett Hack |
| June 10-11, 2017 | Make a Cutaway Guitar Part II | John Ressler |
| June 10-11, 2017 | Turned Bracelets: Combining Wood & Metal | Barry Gross |
| June 17, 2017 | (●)Teaching & Making Froebels Gifts | Doug Stowe |
| June 17-18, 2017 | Cold Metal Casting: Reproducing Unique Hardware | Scott Grove |
| June 17-18, 2017 | New Techniques to Inlay Woodturned Rims | Stephen Hatcher |
| June 24-25, 2017 | Team Turning for Two | Alan & Mary Lacer |
| June 24-25, 2017 | Getting the Most from Your Scroll Saw | Marc Berner |
| June 24-25, 2017 | Making Elegant Curved Boxes | Stephen Proctor |
| June 24-25, 2017 | Sgraffito: A Carving Breakthrough | Mark Arnold |
| July 15-16, 2017 | Make a Cutaway Guitar Part III | John Ressler |
| July 15-16, 2017 | Parent/Child Making a Skateboard or Longboard | Chris Gochnour |
| July 15-16, 2017 | Chip Carving | Herman Bueno |
| July 15-16, 2017 | Carving & Decorating Turned Objects | Michael Hosaluk |
| July 22, 2017 | (●)Getting the Most from Your Table Saw | Steve Latta |
| July 22-23, 2017 | Making a Kumiko Box - Perfect for Keepsakes | Mike Pekovich |
| July 22-23, 2017 | SketchUp | Bob Lang |
| July 23, 2017 | (●)Getting the Most from Your Router | Steve Latta |
| July 29-30, 2017 | Woodturning for Women | Sara Robinson |
| July 29-30, 2017 | Making Jigsaw Puzzles with Purpose | Marc Tschida |
| July 29-30, 2017 | Veneering of Large Surfaces Both Curved & Flat | Paul Schurch |
| July 29-30, 2017 | Shaker Oval Boxes | Herman Bueno |
| August 5-6, 2017 | Beautiful Borders:Silver Wire, Stone & Precious Metals | John Koch |
| August 5-6, 2017 | Spot Repair & Touch Up | Mitch Kohanek |
| August 12, 2017 | The 10 Rules of Fine Finishing | Tim Puro |
| August 12-13, 2017 | Jigs & Fixtures for the Handtool Woodworker | Graham Blackburn |

| | | |
|----------------------|---|-------------------------|
| August 12-13, 2017 | Making Woodturning Tools & Accessories | Alan Lacer |
| August 13, 2017 | Three Methods of French Polishing | Tim Puro |
| August 19, 2017 | Making Allie's Stool | Jerry C. Forshee |
| August 19-20, 2017 | Making Simple, Yet Elegant Tables | Michael Fortune |
| August 19-20, 2017 | Making a Patriotic Cutting Board | Scott Grove |
| August 26, 2017 | (●)Getting the Most From Your Bandsaw | Michael Fortune |
| August 26-27, 2017 | Embellishment on Turnings | Binh Pho |
| August 26-27, 2017 | Gamble House Medicine Cabinet | Bob Lang |
| August 27, 2017 | (●)One-of-a-Kind Fixtures for One-of-a-Kind Results | Michael Fortune |
| Sept. 16-17, 2017 | Pure Form & True Shapes: A Foundation for All Turners | J Paul Fennell |
| Sept. 16-17, 2017 | Sketching & Drawings as a Design Tool | Michael Fortune |
| Sept. 16-17, 2017 | Coopering: Beyond Barrels & Buckets | Adrian Ferrazzutti |
| Sept. 16-17, 2017 | Weaving Seats: Traditional Techniques with Cane | Cathryn Peters |
| Sept. 23-24, 2017 | Scrimshaw on Common Modern Materials | Mike Dubber |
| Sept. 23-24, 2017 | Fine Finishing with Common Hardware Store Materials | Tim Puro |
| Sept. 23-24, 2017 | Getting Started in Intarsia the Wise Way | Kathy Wise |
| Sept. 30, 2017 | (●)Everything You Need to Know About Spray Finishing | David Smith |
| Sept. 30-Oct 1, 2017 | Square Edge Bowl Turning | Glenn Lucas |
| October 7-8, 2017 | The Spokeshave | Stephen Proctor |
| October 7-8, 2017 | Making Holiday Woodworking Gifts with Digital Tools | Tim Celeski |
| October 7-8, 2017 | Advanced Bandsaw Boxes | Jeff Vollmer |
| October 7-8, 2017 | Turning Delightful Ornaments | Mark Hedin |
| October 14, 2017 | (●)Veneering a Turned Vertical Column | Patrick Edwards |
| October 14-15, 2017 | Handplanes & Their Uses | Lie-Nielsen & Puchalski |
| October 14-15, 2017 | Custom Landing Nets - Where Form & Function Meet | Sam Lacina |
| October 15, 2017 | (●)Traditional Gluing Techniques: Protein Glues | Patrick Edwards |
| October 16-18, 2017 | 18th Century Parquetry | Don Williams |
| October 19-21, 2017 | Historical Finishing | Don Williams |
| October 28, 2017 | Fluting, Reeding & Spiraling for Furniture Makers | Alan Lacer |
| October 28-29, 2017 | Secrets of Making Doors & Drawers | Headley & Hamilton |
| October 28-29, 2017 | Decorative Finishes | Mitch Kohanek |