

## Offerings.....

### Fan Back Windsor Chair.

Oct 24-31

Construct a fan back Windsor chair entirely with hand tools while honing tool skills and learning joinery techniques. Split a log, shape the crest and spindles with drawknives and spokeshaves, hollow the seat using inshaves and travishers, and assemble the chair using hand drills. This workshop is conducted at John C. Campbell Folk School, Brasstown, NC. (<http://www.folkschool.org>)

### Roy Underhill's Woodwright School

Check out the schedule for this new addition to woodworking in the Triangle (<http://www.woodwrightschool.com>). Many great things will be happening here. On Wednesday nights there will be a "seminar" series which will be both hands on and demonstration, on focused woodworking topics. This will be a great opportunity to come and see the school, possibly meet Roy, and get some great handtool woodworking exposure. I will be assisting in many of these sessions, to my great delight, so come on over!

### Shakori Hills Grassroots Festival

I will be set up with my Ruobo workbench and demonstrating handtool woodworking at the Shakori Hills Grassroots Festival in the Fall (October 7-10). I am generally located near the food court. Come by my booth to visit and spend some time! I am happy to share stores and to answer questions.



*Edwards Mountain Woodworks offers you the opportunity to learn specific handtool woodworking skills and techniques in a very focused but relaxed setting.*

*Whether you want to learn how to use handplanes, how to cut precise joinery by hand, or you just want to learn the ins and outs of handtools, there is something here for you.*

*Classes are limited to a maximum of 3 people and generally are intensive exercises on a topic, lasting one or two days from 9 am to 5 pm. Each student has their own workbench. A tool list and a class manual accompany each class. Generally, all tools and materials are supplied, though there may be an additional materials fee for some classes. Lunch is provided each day. Workshop prices are \$90 per day with a \$15 basic materials fee. Project oriented workshop have a materials fee that reflects the cost of the lumber and hardware.*



# HANDTOOL WOODWORKING WORKSHOPS

at  
**EDWARDS MOUNTAIN  
WOODWORKS**



*Fine handtool woodworking: creating  
and teaching in wood*

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# Workshop Descriptions

## Simple Dovetailed Box.

Jan 14; Jan 15; Feb 21; March 6 (1 day each)

Learn the skills and techniques necessary to design and layout simple through dovetails. We will explore the types and the structure of dovetails, look at the various tools and jigs that are necessary. We will make a simple dovetailed box suitable for pencils or long matches, with a sliding top.

## Carving Cabriole Legs.

Jan 20 (eve)

Cabriole legs are the quintessential design element of Queen Ann and Chippendale furniture. Learn the techniques to design, layout and cut these elegant legs. We will also learn how to shape different foot styles, including pad and ball-and-claw, and to layout and carve sea-shell type decorative elements on the knees of these legs.

## Wallhung Shelf with Handtools.

Jan 30-Feb 1

We will construct a simple French cleat hung shelf, with handcut dadoes, tongue and groove backing set in hand cut rabbets. We will use molding planes and scratch stock to apply decorative edges as well as making the crown molding. Some handcut dovetail experience would be very useful.

## Traditional Molding Plane.

Feb 5-7  
May 22-24

Make a simple side escapement molding plane using traditional tools and floats. Students will make and fit a plane blade and will use this plane to cut a piece of molding. We will explore several different methods of shaping the profile of a molding plane including scratch stock, mother planes and a variety of other types of planes. We will also cut and shape, harden and temper the blade for the plane. There will be a field trip to the blacksmith shop of Peter Ross, noted blacksmith and whitemith.

## Handtool Sharpening.

Feb 14

Hands on experience with a range of sharpening media (waterstones, oil stones, sandpaper, etc) and techniques to sharpen planes blades, chisels,

## Sharpening and Using Handsaws.

March 7  
June 12  
June 13

Hands on experience sharpening rip and cross cut handsaws. We will explore the anatomy and purposes of various types of handsaws, how to clean up and restore handsaws. We will look at various types of jigs and gauges useful for sharpening, and evaluate different types of sawsets. We will spend part of the day developing handsaw skills using rip, crosscut, dovetail, tenon, and Japanese saws.

## Bench Plane Skills and Techniques.

April 3-4  
Aug 21-22

Explore the range and usefulness of bench planes for handtool woodworking. Hands-on experience will cover scrub, smooth, jack, try, fore and jointer planes and all types of block planes. Restoration, sharpening, tune up of planes is covered in detail.

## Traditional Bench Jointer Plane.

May 8-9

Make a close-handled bench jointer plane using traditional tools such as mortise chisels, floats, and curved rasps. Students will fit a traditional tapered plane blade and use the plane to prepare edge joints for glue up.

## Handcut Molding Techniques.

June 26-27

The focus of this workshop is to be able to make short lengths of moldings and apply decorative edging to workpieces using molding planes and specialty planes. These skills will allow you to reproduce any profiles you might desire, and to modify them to suit your purposes. We also work with scratchstock to achieve these ends as well.

## Make a Pair of Rule Joint Planes

July 16-18

In this workshop you will make a pair of fenced rule joint planes to but the 5/8" rule joint for a drop leaf table. Very intense workshop, some experience in planemaking desired.

## Gate Leg Table with Rule Joint Top

July 19-23

We will make a simple table with a gate leg using a knuckle joint and with a drop leaf top using a rule joint. This is a natural continuation (but not a pre-requisite) of the previous workshop. Students will learn to shape a rule joint with a matched pair of rule joint planes and also with appropriate hollows and rounds.

## Classical Wallhung Shelf

August 2-7

We will construct a simple French cleat hung shelf, with a through dovetailed frame, handcut dadoes, tongue and groove backing set in hand cut rabbets. There will be a half blind dovetailed drawer below the shelf. We will use molding planes and scratch stock to apply decorative edges as well as making the crown molding. Some handcut dovetail experience would be very useful.

## Miter Plane and Shooting Board

Sept 3-5

We will make a wooden miter plane based on one by the English firm of Routledge. The plane will have a low bed angle and a 10 degree skew on the blade. We will also make a shooting board for squaring up stock to use with this plane.

## Traditional Toted Smoother.

Sept 10-12

Make a close-handled coffin-shaped smoothing plane using traditional tools such as mortise chisels, floats, and curved rasps. Students will fit a traditionally forged plane blade and use the plane to smooth a panel

## Queen Anne Footstool

Sept 27-Oct 2

We will make a simple Queen Anne style footstool with hand cut pad feet. The stool will be made of mahogany with a polar upholstery frame. The legs will be cut with a turning saw, mallet and chisel, and back saw. Shaping will be with rasps and scrapers. The aprons will be hand rabbeted and molded and will be attached to the legs with mortise and tenon joinery. We will review other styles of cabriole legs (slipper, pad, trifid, Spanish foot, and ball and claw) and also review different styles of upholstery (traditional 18<sup>th</sup> century, and modern). Some experience with handcut mortise and tenon joinery needed.

## Essential Sawyer's Tools

Oct 8-12

We will make a 4 foot tall wooden sawyer's vise for sharpening handsaws and also a traditional English saw bench (based on Christopher Schwarz's design). One day will be devoted to handsaw sharpening and to developing handsaw and skills.

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