

## 2012 Woodworking in America West Class Descriptions

- **The Mighty Dovetail – Glen Huey**
  - Today we think of dovetails as decorative joints, but in traditional casework dovetails in different forms are the main structural joints. In this class, Glen will detail which joints are best in different parts of the case, and how to efficiently and accurately make them with hand tools, power tools and combinations of the two. Glen will share his jigs that make it easy (you'll feel like you're cheating), and his no nonsense construction process.
- **Finishes That Pop – Glen Huey**
  - Glen's furniture pieces are instantly recognizable – in large part because of his signature finishes; they make Glen's work stand out in any room. Now, you can achieve the same eye-catching finish with step-by-step instruction from Glen. Whether you work with figured woods such as tiger maple or flame birch, or you use traditional hardwoods such as cherry, walnut or mahogany, this class will show you how to achieve easy, repeatable results, understand aniline dyes, add depth to your finish with boiled linseed oil, discover the secrets of shellac and use glaze to add age and character.
- **Doors: Types, Techniques & Tips – Glen Huey**
  - An in-depth study of door construction including techniques for mortise-and-tenon work from the simple to the complex. Learn how panels differ, and methods used to produce those panels (flat and raised at a table saw, router table or hand-formed using planes). Also discussed are doors built for glass panes, from a simple rabbeted back to a more complex methodology that builds rabbets into the frame as you work. Along the way, pick up tips to make your shop time more effective.
- **Real Details of Arts & Crafts Furniture – Robert Lang**
  - Furniture from the Arts & Crafts period is one of the most popular styles among woodworkers, but it is also one of the most misunderstood, largely due to books and magazine articles about it. In this class, Robert W. Lang, author of “Shop Drawings for Craftsman Furniture,” explores the historic background of original pieces and how they were made, and will demonstrate effective techniques for today’s woodworker to make good reproductions and adaptations with both hand and power tools.
- **10 Things I Wish I Had Known About SketchUp – Robert Lang**
  - SketchUp is a free 3-D modeling program that will make you a better woodworker by enabling you to plan all aspects of your next project, and give you complete information about each and every part on your computer before you cut any wood. In this session, you will learn the common things that most people stumble on when learning to use SketchUp, and the secrets to make this program more like working with real wood in a real shop.
- **Carving a Ball-and-Claw Foot – Mary May**
  - In this class, Mary May will walk you through the steps of carving a Philadelphia style ball-and-claw foot. You'll learn the tools used in each step and pick up tips on how to use gouges efficiently as you discover how to lay out the foot pattern and cut the profile, and the carving techniques to make a ball-and-claw foot look period perfect.
- **Carving an Acanthus Leaf – Mary May**
  - Join renowned carver Mary May as she teaches you the process of carving a basic acanthus leaf on a cabriole leg. She'll show you the necessary tools and how to use them as she demonstrates how to lower the background and carve out a period perfect acanthus leaf that looks as it grew naturally right out of the wood.
- **Build a Sawbench in an Hour – Christopher Schwarz**

- Using stock lumber, a framing square and some awesome old carpentry tricks, you can build a traditional sawbench with angled legs in about an hour. Chris will show you how to do just that in this lecture and give the finished product away to one lucky attendee. Plus, everyone will get complete plans for the sawbench that explains all the geometry and steps.
- **The Furniture Style With No Name – Christopher Schwarz**
  - When it comes to furniture styles, most woodworkers and furniture experts focus on the differences between furniture styles – the decorative details, the wood selection, the carving, turnings and finish. But there is a kind of furniture that has remained unchanged for centuries, is gorgeous in its simplicity and built to stand centuries of abuse. In this lecture, you'll be introduced to a style of furniture that few scholars ever talk about or even give a name to, but it has surrounded us since the 1600s. It's a visual journey with hundreds of images that will open your eyes to an underground wellspring of inspiration.
- **Introduction to Campaign Furniture – Christopher Schwarz**
  - The Napoleonic Wars brought an immense amount of bloodshed, but it also gave the world campaign-style furniture, an enduring form of portable and durable furniture that was popular for 300 years. And it should be popular again. It has simple lines, beautiful joinery and is well-suited for the more modern and nomadic household. In this lecture, you'll be introduced to the major forms of campaign style furniture and their unusual (but beautiful) proportions. You'll learn about the right woods, joinery and hardware that make up high-quality campaign furniture. And you'll see pieces that will inspire you to get building immediately.
- **Finishing For The Frustrated – Steve Shanesy**
  - Finishing is the “dark” science for many woodworkers and this last stage of the project is fraught with fear and anxiety. It needn't be. In this class, *Popular Woodworking Magazine* senior editor Steve Shanesy shares his decades of experience in the finish room. During the class Steve will walk through an easy to understand approach to finishing and shows you the steps to achieve satisfying results time and again.
- **Planning a Successful Project – Steve Shanesy**
  - What are the steps you should take before ever cutting the first piece of wood for a project? In the planning process (and it is a process) you'll learn how and why you need a project drawing, a cutting list (and how to make one), a materials list (including all the hardware, and the building process plan or “Plan of Procedure.” Armed with a properly prepared plan you'll know and understand each step of the project build solving problems before they arise.
- **The Fundamentals of Furniture Design: Proportioning Systems and More – Matthew Teague**
  - What makes a well-proportioned piece of furniture? Here's your chance to learn the fundamentals of good furniture design. If you design your own, would like to, or simply want to understand the methods that have been in use for thousands of years, this is a must-see presentation. Topics covered include: Medieval to Modern, the aesthetics of good design, design ratios and proportions and appropriate sizing for tables, chairs and other projects.
- **The Pegged Joint: Reinforcing the Mortise-and-Tenon – Matthew Teague**
  - Reinforcing a mortise-and-tenon joint with a peg not only lends mechanical strength but also offers a variety of decorative options. From driving simple dowels through drilled holes to square pegs in round holes, and pegging breadboards ends to allow for movement, you'll learn all about this time-tested method for reinforcing joinery. Matthew Teague also

demonstrates what may be not only the best method but likely the oldest: drawboring, an offset peg that allows you to construct bombproof joints without glue or even clamps.

- **Why Measure – Matthew Teague**
  - What makes a well-proportioned piece of furniture? Here's your chance to learn the fundamentals of good furniture design. If you design your own, would like to, or simply want to understand the methods that have been in use for thousands of years, this is a must-see presentation. Topics covered include: -Medieval to Modern, the aesthetics of good design. -Design ratios and proportions. -Appropriate sizing for tables, chairs and other projects
- **The Rake's Progress – Roy Underhill**
  - Rake-Making in the Old Tradition: Old fashioned rakes are useful, attractive and a wonderful introduction to green wood working. Using a treadle lathe, and other traditional tools, Roy will construct a rake during the class.
- **Old Time Sash by Hand – Roy Underhill**
  - See Roy use traditional tools and techniques for making moulded sash with hand tools. He will take great panes to reproduce an old window, and we guarantee that your eyes won't glaze over. If he can cope with the joinery, we all will see the (divided) light.
- **Moulding Planes – Adam Cherubini**
  - Sure, hollows, rounds and complex moulders look cool on the shelf, but how in the heck do you use these planes to create an endless array of mouldings? How do you look at a period moulding and figure out how to recreate it? How do you choose the right-sized H&R for the job? And how the heck do you use them? This class will answer those questions, and more!
- **18<sup>th</sup>-century Tricks of the Trade – Adam Cherubini**
  - Every issue of just about every woodworking magazine includes shop tips, tricks and shortcuts from readers. But what if there had been woodworking magazines in the 18th century? What shop tricks might the period Master Joiner have to share with readers? Find out in this presentation of period "Tricks of the Trade." You'll get useful and amusing period-shop shortcuts you can put to use in your modern shop – everything from layout to stock preparation to finish.
- **Stock Prep by Hand – Adam Cherubini**
  - Many modern woodworkers use handplanes to perfect machined surfaces. But preparing rough-sawn stock for joinery requires different approaches - and often, different tools. Find out the best way to take your stock from rough to ready using handplanes.
- **Dovetails from Philly to Bermuda – Charles Bender**
  - Chuck has been cutting dovetails in his period reproduction furniture for more than 30 years. In this class he reveals his preferences and shows his methods for laying out and making a variety of dovetail joints, including some you may never have seen before, such as the intriguing Bermuda dovetail.
- **String Inlay & Edgebanding – Charles Bender**
  - Delicate inlays are a common element on many period pieces, but working with small-scale materials and making delicate cuts in finished surfaces is a challenge. This class will cover material preparation and cutting recesses, plus assembly and trimming techniques for both straight and curved inlays.
- **Secret Compartments – Charles Bender**
  - Many period pieces had secret compartments and often more compartments within the secret compartments. In this class Chuck tells all and reveals methods for construction and

locking hidden compartments. You'll leave this class with a wealth of knowledge, but you'll have to promise not to tell.

- **Housed Mortise-and-Tenon Joints in Greene & Greene Furniture – Jim Ipekjian**
  - This unusual joint is an example of the Hall brothers going the extra mile in the furniture they built for Charles and Henry Greene. Jim explores this joint, where it was used in original furniture and interior trim, and the methods he uses to create these joints in his own work building reproductions.
- **Greene & Greene Inlay – Jim Ipekjian**
  - The inlay designs in Greene & Greene furniture are a unique combination of metals, carved wood, exotic woods and semiprecious stones in lyrical and flowing designs. The fabrication of these inlays is based on a few simple principles that are approachable by anyone willing to practice. In this class, Jim will demonstrate his methods for recreating these inlays
- **Strategy for Building: Choose Your Tools – Gary Rogowski**
  - You don't need a table saw to build furniture. Learn which are the five most important machines to have in a furniture shop. Also, discover which hand tools you'll need to build efficiently and with precision. Design your tooling to fit your work and your workshop, and learn how to choose the best.
- **Router Madness: Mortising- Gary Rogowski**
  - Learn three simple mortising techniques for use with your plunge router or router table that give you accurate and repeatable results. See how to make dedicated mortising templates, how to build and use a universal mortising jig, and how to quickly cut mortises on a router table without a fancy router lift. Also learn techniques for tenoning on the router table or with a plunge router.
- **Chisels, Planes & Scrapers: The Miracle of the Wedge – Gary Rogowski**
  - Chisels, planes and scrapers are cutting tools that all use the simple wedge to get their results. When you discover how to maximize its power, your woodworking will change. Each tool deserves a spot on your bench no matter what kind of woodworking you do. Learn how to tune and use them for the best results. Discover simple techniques that will change the way you cut a dovetail, hang a door, prep a surface or finish a tabletop.
- **Marquetry for Furniture – Paul Schurch**
  - In this presentation from Paul Schurch, you'll get a comprehensive view into the world of veneering, inlay and marquetry – from historical techniques to the modern-day creation of marquetry. Plus, you'll discover practical techniques that can be accomplished with a minimum of tooling but yield fast and professional-looking results.
- **Successful Veneering – Paul Schurch**
  - Veneering and inlay can help your projects look "high-end" – and if you haven't tried these techniques before, you'll be amazed at how easy it is to get started. You'll discover the fundamentals of veneering (including flattening, storing, handling and basic cutting techniques) and inlay. Plus, Paul will show you how these techniques can greatly enhance your work.
- **Double-Bevel Marquetry – David Marks**
  - David Marks will do a clear demonstration of the methods that he uses and teaches for double-bevel marquetry. He will show you how to set up the scroll saw to produce a remarkably tight fit with no gaps, his methods for creating designs, sand shading and gluing, as well as scraping and leveling the surface. Plus, David will have examples of his work for you to view.
- **Bentwood Lamination – David Marks**

- David Marks loves bending wood and pushing the envelope of what can be accomplished with this dramatic technique. He will bring some of the forms that he uses in his own shop to teach you about his design process, how to create forms, resawing techniques, gluing, joining curves together and many of the esoteric details involved. In addition David will demonstrate how to do continuous strip laminations as well as compound bentwood laminations.
- **Making Your Own Simple Hand Tools – Yeung Chan**
  - Hand tools play an important role in woodworking. Before machine tools were invented and developed, woodworking (and many other trades) was done by hand tools. In a modern woodshop machines bring in speed and accuracy, but hand tools help get the details, joy and fun. This is a class with great information that will help you start your own hand make tools.
- **Classic Joints With Power Tools – Yeung Chan**
  - Chan, a graduate of the James Krenov program at College of the Redwoods and a professional furniture maker, shows the easy ways to make all of the standard joints with power tools. From dados to dovetails, there are over 100 joints in all. Includes adjacent tenons, three way miters, haunched mitered tenon, triple lap joints, dovetail lap, bridle joints, splines, biscuits, and more. Chan is known for his very fine joinery skills.
- **Sharpening for Woodturners – Kirk DeHeer**
  - Sharpening the various round, oval, square and skew shaped tools used in woodturning can be a real trial. Each tool requires a different bevel to cut effectively and for some tools it can take multiple movements to create a effectively edge along the entire cutting surface. In this workshop, Kirk DeHeer takes the mystery of sharpening, showing exactly how to get the best edge on every tool in the woodturners kit.
- **Woodturning for “Flatboarders” – Kirk DeHeer**
  - If you’re a furniture maker who’s thought about taking up turning to expand your skills, this workshop is for you. Kirk DeHeer will introduce you to woodturning, using a small stool to explain the basics, including how to cut face grain and end grain to minimize tearout. The workshop also will explain what to look for if you’re looking to buy a first lathe, and which tools are essential if you’re getting started.

*As of 10-9-12*