



ROLAND JOHNSON

To me one the real joys of woodworking is that hand tools and power tools can so effectively complement each other. There are days when my shop is a raucous cacophony of whirling cutters and singing blades and other days where hours of tranquilly reflective work create the Zen of Woodworking atmosphere that we often romanticize as the only way, and I enjoy every day.

RESTORING OLD WOODWORKING EQUIPMENT

- Friday 12:30pm; Saturday: 11:30am; Sunday: 10:30am

Restoring old equipment can be not only a great way to get into a terrific piece of equipment for a bargain price, but can also be high on the satisfaction scale. Knowing the way and being realistic about the journey are the most important aspects of any machine-restoration project. Not every piece of vintage machinery is worth putting time and effort into, there were cut-rate machinery manufacturers a century ago just as there are now, and buying an antique, obsolete orphan that wasn't much to begin with becomes a real waste of time and money.

In this seminar we are going to learn how to find and buy old equipment and how to avoid the pitfalls of "old arn" lust. We'll also learn how to find the information needed to rebuild and tune up an old machine. An added bonus with old tool restoration is that the knowledge gained from rebuilding the machine will make it a breeze to keep the old crock working wonderfully for at least one more generation!

WITH THE GRAIN

- Friday 2:30pm; Saturday: 1:30pm; Sunday: 12pm

Wood is comprised of cellular structures that create the wood's appearance as well as the mechanics of wood movement. Too often we ignore or don't understand wood movement and the results can cause catastrophic mechanical failure for joints and laminations. In this seminar we will learn how wood moves and how to anticipate that movement. We will consider where each type of grain - flat sawn, rift sawn and quarter sawn, is found in a log and how each type of wood grain moves.

Along with the mechanics of wood we will delve into the aesthetics of wood, how to make grain a design part of any project. Too often projects are put together using the first board grabbed with little consideration for grain patterns and how they affect the end product. Grain direction, type of grain, density of grain patterns (cathedrals) all work to enhance any woodworking and we will look at examples of good and bad grain usage. We will also learn a few things about buying wood and how to make sure you are getting what you want without tearing apart lumber piles. This is a fundamentally important part of our woodworking knowledge.

BRUSH YOUR WAY TO A WICKED GOOD FINISH

- Friday 4:30pm; Saturday: 3:30pm; Sunday: 1:30pm

Applying a finish is a daunting task for most woodworkers. Few Things in Woodworking are as frustrating as spending Countless hours building a piece only to have it all go wrong trying to apply a decent finish. In this seminar we are going to look at a fool-proof finishing method that combines wipe-on base coats followed up with brush applied top coat to create a beautiful, durable finish. Using a brush to apply a finish doesn't require a lot of expensive equipment, is easy to do with the correct procedure, and can build a good protective coat in a relatively short period of time without the need for a dedicated finishing room.

It's a foolproof method for creating a wicked good finish!