OREGON WOOD WORKS



Tool of the Month

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WHAT'S UP FOR 2009?

BOB OSWALD. PRESIDENT

he biggest thing I personally enjoy is learning. Learning a new technique how to do a job more accurately, or safer, or even better perform a task that I just didn't know how to do.

In the past few years I've discovered that I learn more by teaching than most any other method. The next best way to learn is by doing. You've heard me say it many times, and you should know it also, if you're making mistakes, you're improving your skill.

So where does that take the Guild? Well, I'd like to see another project, maybe even a couple of them. I'd like to see a reasonable turnout for the project, especially from some of the newer people. But we would need some seasoned folks to make sure it goes well and the new people have someone to learn from. So, seasoned folks, you become teachers and you know as well as I that you'll learn something in trying to explain a procedure to someone else.

I'd like to see more people working in their shops at home. You'll bring questions to the meeting, sharing with your fellow woodworkers, to teach as well as to learn. How would we do that? A couple of those "scrap barrel" projects is one way. In



rel" projects is one way. I would like to see more enthusiastic participation from many more people on these projects.

I want to see continued show and tell projects. Those are a highlight for me, for many reasons. People build things, I get ideas, I get motivated, and that's probably the biggest thrill.

So folks, our future is also in your own hands. Participate, bring ideas and questions.

What do you think?

NEXT MEETING—FEBRUARY 18, 2009 7:00PM The Joinery, 4804 SE Woodstock Blvd, Portland, OR 97206. 800.259.6762

The February meeting is a late winter celebration party since we missed the Christmas party. It will be at Hardwood Industries. Doug and his crew will provide their conference room for us to have our pot-luck meal at, as well as a gift exchange. We can probably have a plant tour also.

All members and spouses are invited. Please bring a favorite dish if you can. Bring a gift to exchange if you like; no obligation to do it. if you bring one, you take one. Handmade gifts are suggested, limit purchased gifts to the 20-30 dollar range. Drinks, plates, utensils will be provided. If you aren't able to bring in a dish or a gift, please come anyway and enjoy the party The party starts around 7pm, and will last until about 9. No meetings.

Directions— Take I-5 to the Tualatin exit and go West on the Sherwood-Tualatin Highway about 3.3 miles to SW Wildrose Place, and take a right. There is a traffic light about a block further at Oregon St. You've gone too far. Go North about a block, and turn right into a large parking lot. Lots of parking!

If you can't make it, we'll miss you and plan to see you next month!

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SPRING WOODWORKERS SHOWCASE

BILL BOLSTAD

he Guild of Oregon Woodworkers will hold a show of their work on April 24--26 at the Oregon Convention Center. The show is held in conjunction with the Oregon Potters Association and other Oregon crafts guilds. Other media being featured include pottery, jewelry, glass, beading, and sculpture.

The Guild will have thirteen booths; a 10'X10' booth space for members is \$325. Our showroom will be coordinated with Northwest Fine Woodworkers in an adjoining showroom.

Show space for Guild members will be available for

single item display in a Guild booth. Additional items may be displayed for \$10.00 per item.

Booth space may be shared with another Guild member. To sign up for a booth or to share a space, or arrange to display your work, contact Bill Bolstad at 541-327-2280. (NOTE: Bill will be unavailable Feb. 11—24)

All Guild members should plan to come observe some of the best woodworking in the northwest along with many beautiful crafts made in our area. This is a "Don't Miss!" event.

FINAL NOTICE

NORM MICHAUD

our dues have expired. The best way to renew is on line. Log onto the Guild website and at the top of the left menu, click Join/Renew. It's a good time to verify that your information is correct.

General membership is still \$35 and Professional membership is \$45. For mail-in renewal, send a check and your name, address, phone and email address to:

Norm Michaud 1041 Chandler Road Lake Oswego, OR 97034

TREASURER'S REPORT 2008

DICK PETTIGREW

P&L

Gross income: \$19,242 less expenses: \$18,915 net income: \$327

Balance sheet

Assets:

Checking acct: \$ 3,422 MM acct: \$18,116 Total assets: \$21,538

Liabilities: \$000.00

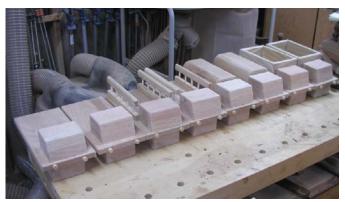
Total capital: \$21,538

DO THE MATH

BOB OSWALD

t's incredible sometimes how the little things get away from you. I offered to do this little toy truck project for a Portland pre-school recently, pro-bono. It looked easy and not much material. Wrong on both counts.

There are eight trucks. Each one has a bed 12" long, 6" wide. The undercarriage is 10" long 4" wide and 2" thick. The cab is 4" wide, 2" tall, 3" deep. Two each different sets of bodies as shown in the picture. All working stock was 3/4". How much lumber does this take?



Answer, roughly 20 board feet assuming 25% waste. It sure ate down the scrap barrel.

On top of the normal construction details, a lot of glue ups to build the massive structures made it take over a week.

Bad News—Two days after delivery, half the wheels had come off the axles. I knew at the time that the glue joint was weak, but I thought it would be good enough. You want something tested... give it to a bunch of four-year olds. A re-glue, properly brushed on with 24-hour gap filling epoxy took care of that problem.

Good news—The children loved them. Priceless.

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STEAM BENDING SEMINAR

WITH GORDON KELLER

Date: Saturday March 14th, 2009

(Rain date March 21st) Time: 10:00 am to 3:00 pm

Place: Gordon's Shop in Dunthorpe area of Portland Cost: \$25 for members (includes a sandwich lunch)

Gordon will talk about the theory of steam bending, what types of woods are suitable for bending and what types are not. We will discuss different application for bent wood and Gordon will show us examples of his work using bent-wood components. He will show us what a "steam chamber" or "steam box" looks like and where to find them. We will discuss how to mold the wet steamed wood, using a mold and/ or strapping. After lunch, we will bend some different species of wood. Everybody will have a chance to try this technique.

Gordon is a professional woodworker who uses bent-wood components in Windsor Chairs and other furniture projects. He has a masters certificate from the Marc Adams School of Woodworking.

Note: The steaming will be done outside. If we have serious rainfall, we will try for the following Saturday, March 21st.

NEED YOUR HELP...

GIG LEWIS

If you have an idea for a class that you would like to see, on any topic, give Gig a call at 503-646-7056. We're very happy to have ideas.

SWAP MEET

BOB OSWALD

Over time, I've been asked by a couple of members about an opportunity to sell/buy/trade things on meeting night. It has worked well for at least one other organization in Portland. We discussed it at the board meeting and agree that it would be ok, as long as it's kept somewhat low key.

A couple of guidelines

- You can start as early as 6pm since the board meeting is usually in progress at that time, so someone's there.
- Only at Franklin High, not any of our sponsors
- No big loads of merchandise. Keep it simple. A few items per person.
- Put your name and price on a piece of paper on the item so you can easily be located.
- Discussions must stop precisely at 7:00 for the general meeting. Please be considerate of our speakers.

We'll try it out starting at the **March** meeting.

UPCOMING CLASSES

BOB O'CONNOR

We will be having Kerry Walker's Shaker box seminar in April, Alexander Anderson's Coopering Seminar in late April or early May and Lloyd Johnson's Sketchup Seminar later in May.

TABLE CLASS CARPOOL

GIG LEWIS

Bob O'Connor and Gig Lewis will be driving down to

Don DeDobeleer's in California on the first of May for a 2-day class on Dining Room Table Design with part of the time spent on making the necessary Jigs for the building of the table. The fee is \$150, three nights at a motel for \$150, plus food and gas. We have space for 2 more if anyone is interested. Give Gig a call at 503-646-7056 for more



info. Check out Dons' web site at www.finecustomwoodfurniture.com

GUILD SEMINARS

GIG LEWIS

Basics of Fine Woodworking

February and April positions still available Eleven week series on some of the finest instruction you can get. Call Gig Lewis at 503-646.7056 to reserve a spot.

WELCOME NEW MEMBERS

Karl Turner, Tom Maciukenas, Kevin & Jjen Won, Tim Huguet, Tim Haller, Jenny Nepom

We're happy to have you with us. Please introduce yourself to me at the next meeting. I don't know who you are, and I'd like to say Hello. Bob Oswald Page 4 Volume #26, Issue #01

ONE VERY SCARY STORY

BOB OSWALD

There but for the grace of God, go I". You've heard that expression, I'm sure. How does it apply to woodworking this month? I was resetting the table saw for the next cut, this time using the miter sled. A marvelous invention, by the way, and if you don't have one, you're really missing something.

Moving the rip fence out of the way, I picked up the sled and set it in the dual miter tracks. As I was lowering it onto the table, I dropped it. No big deal, a small thud, nothing to be damaged, BUT..... the table saw turned on!!!!!!!!

Holy Crap, What Happened ?? In studying the on/off switch a bit (factory original), pushing on, off, on, off. My analytical skills kick into gear. I've spent over three decades in a professional life analyzing equipment failures, etc. Best I can determine, when you push the off switch on this power control switch, if you push it half heartedly, it will turn the system off, but the mechanical contacts don't 'over center toggle' to a solid position in the off state. This can leave it teetering in a potentially unstable, touchy state.

I have used this table saw almost daily for over five years. It's always worked fine, although some small thread of insecurity in the back of my mind is occasionally uncomfortable when I casually 'bop' the off switch and move on. Is it really solidly off? Well, yes, the saw stopped. But a few days ago the worst scenario was actually realized. The

off position was not solidly locked off.

What if...

I was changing the saw blade to a dado blade? The process has always left me a bit tense. Arms reaching down to lift off the nut....

What if...

Today, it doesn't matter. UNPLUG the darn tool. All the books talk about it. We don't always do what we know

we should, because the current situation seems safe enough. Accidents are always an accident. Since then, I shudder often at the prospects. A similar near miss in a motorcycle situation 40 years ago occurred once also. It doesn't matter now. It didn't happen. But learn from it.



I write this note in hopes that it stirs an awareness in you. Unplug that tool when you're working on it. 99.9 percent of the time it doesn't matter.

FROM SANDER TO SHOOTER

BOB OSWALD

Id habits die hard, although a little skin off the knuckles sometimes helps speed the process along. Sanding tiny parts to make a flat spot for little roof lights on my latest series of log trucks, moved me on.

Sanding is one way to remove a small amount of material. It's fast, if it works. However, it's difficult to hold some tiny parts and get them close enough to the sander to do the job



In the patching class held at Lee Johnson's studio a while back, he did something quick and simple on a bench hook. I've heard the lecture and the value many times, but

sometimes you just have to see it with your own eyes. It finally clicked and I made a bench hook the next day, and have had increasing opportunity to use it. These little lights were SO MUCH easier to shape with a chisel.



CALL FOR ARTISTS

500 Cabinets

Editor: Ray Hemachandra

Lark Books seeks excellent images of one-of-a-kind, hand-crafted contemporary cabinetry and casework to publish in a juried collection scheduled for Fall 2010 publication.

From wall cabinets, chests, armoires, credenzas, and buffets to jewelry, china, curio, and wine cabinets to sideboards and consoles, we welcome pieces in all materials—wood, metal, glass, repurposed materials, mixed media, and more—and encourage the submission of work in diverse aesthetic styles, including both modern and traditional cabinetry. There is no entry fee.

Artists will receive full acknowledgment within the book, one complimentary copy, and discounts on the purchase of additional books. Artists retain copyright of their work.

Entries must be postmarked by April 1, 2009.

Guidelines and entry forms are available on:

www.larkbooks.com/submissions/artist-submissions

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SHOP ORGANIZATION TIPS

ARIEL ENRIQUEZ

- I like the work-cell idea, something like a workbench/table which well perform several duties. That is an idea that I've seen many times. Take a look at *The Workbench Book* by a Scott Landis. You'll find lots of good and clear suggestions there.
- -- Situate the jointer and table saw as few steps apart as as possible. If you can put them just two steps apart you will be thanking yourself later. Peculiar to the jointer is it's floor space requirement, which is typically a long rectangle. Try having the jointer along a wall but about 12" to 18" (whatever works best) away from that wall. Use that wall space to mount a rack for your clamps. The more of them you stick behind the jointer the better. Of course you would keep any smaller, dedicated clamps around their designated work stations.
- -- On an assembly table surface there should be a bench vise and the necessary dog holes clear across the table.
- -- If you can utilize the table saw's fence for a router table extension on that saw's right side extension table then that's a plus for obvious reasons. After that if you place the drill press station say two steps away from the router table station, like perhaps across a pass-through space which would surround the main work/assembly table like a moat. You can then store all the bits and drills in one unified cabinet right near both tools. This works well because bits, cutters, hole saws, countersinks, etc all have the same storage requirements of a dry, enclosed space. A nice, elegant cabinet about 2'x2' and 10" deep should hold all the stuff.

--On the opposite side of the table is the saw and right near it is the jointer. Make the band saw the next item to locate and place along the same wall as the jointer. You know how in kitchens the designers will often opt for a triangle of the sink, stove and fridge? Well in the shop it's the table saw, jointer and band saw. Keep those three together and you'll save time in your work.

- Sharpening station...make it easy and inviting to get to
- Stuff that's useful to have on wheels include planer and dust collector

- Empty spaces beneath tables and tools are a waste. If

you make a decision to occupy floor space with benches, saws, etc, then it only makes sense to also make use of the space under those things with drawers, shelves, etc.



Under the planer.

JET

Under the bench

The Next Shop Organizer Project



This sharpening 'center' needs to become the next project. It's so easy to put off doing that important job when it's a mess. It's not a difficult problem to solve.... I just need to do it!

Make it inviting NOT !!

Under the lathe.

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SAFETY NOTE ON PUSH STICKS

BOB OSWALD

ush sticks, simple devices designed to save fingers. And they work well most of the time. There's one situation to be wary of however.

Notice the long handled push stick in the photo. This works well when ripping narrow pieces off a long piece of



lumber. However, it can be very dangerous when ripping a short piece, perhaps a foot or less in length. In this situation there may not be enough mass in the board, beyond the blade, to hold the board on the table. The back of the blade, rising at a high speed, can lift the board off the table, pivoting it around the point of contact of the push stick. It will

usually leave the table smacking you in the arm on the way past.



The push 'stick' of the style at the left eliminates that problem. It should have a long 'foot' that rests on the board and holds it down while the rip occurs. The hook on the back, of course, pushes the wood through the cut. You can easily make one out of plywood.

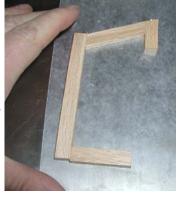
In either case, be very sure to push the board all the way past the end of the blade. If you stop even a fraction of an inch short, the tail of the blade can grab it and launch it off the table towards you, like a spear.

And by no means reach across the blade to retrieve the wood. Let it proceed to the outfeed table (you should have one you know). Then walk around the saw to retrieve it.

IF CLAMPS DON'T WORK

BOB OSWALD

Here's an odd shaped piece, also rather small in this case, that's very difficult to clamp. Of course the best glue joints come from good clamping pressure.



Here's a tip I received from someone recently. Apply glue to the surfaces as normally

done. Press them together to generally spread the glue onto both surfaces. Then separate them and let them air dry apart for about a minute. Sometimes you have to experiment with the time. During this time the glue starts to tack up.

Then press them together firmly and let go. Don't touch until the glue is sufficiently set, typically about a half hour. They tend to bond almost instantly after the glue as started to set.

I find that it works well, although the glue joint is more fragile than a clamped one. Plan your work, if you use this approach, so that the part is supported in some other fashion in the final piece.

GET IN THE GLOW

BOB OSWALD



his was published a couple years ago but I had the experience last night when I descended the basement stairs to the Inner Sanctum. Ihad to share it again.

The glow of tool lights, the individual little lamps that come with the tool or the add-on clamp lamps, bestow a magic spell. The warm, soft glow of incandescent lights beckons you to venture inward. It's a warmth that I think only a woodshop can have.

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LAST MEETING: THE JOINERY

BILL WOOD

irst class furniture. That's what the Joinery is known for. The meeting was very well attended, with over 100 members present. I guess we know what people like to see.



People arriving before

the meeting had plenty of time to roam freely through the whole facility. Joinery personnel were around to answer bedroom, living room dining room and office. They have their favorites, but also design and build custom furniture.

The shop floor has a wealth of machinery. The ability to handle full size sheet goods is done by a huge table saw platform. The re-saw bandsaw



Owner Marc Gaudin explains

stands about U

seven feet tall and has about a 2" blade.

Construction follows traditional woodworking methods, so you'll see for example, mortise and tenon, but not pocket screws. Finish is a hand rubbed proprietary mix of oil with a hand rubbed wax topcoat.

Thanks to Marc and his people for a fun and educational evening.



questions. Their finished furniture display system is actually a series of rooms, small and eclectic, giving you a homey

feeling. A big showroom on the main floor show-cases a variety of furniture. Upstairs, many pieces on display are so tempting. I really want that dining table and chairs. We're talking about it over dinner now and then.

Since 1982, when Marc Gaudin started out in a garage in Portland, The Joinery has focused on crafting fine furniture for



Wish that this was in my dining room.

the home and office. Almost 20 years later, the business is a tight-knit group of about 30 people

Marc's goals have been the same for many years: To build high quality, functional art at a reasonable price; to value and empower the employees; and to give something back to the community. In this light, The Joinery supports many local charitable organizations and uses FSC-certified wood for about 75% of their work.

The Joinery builds many furniture styles, Modern, Shaker, Mission and Arts and Crafts in the form of sofas, coffee tables and end tables. Furniture is produced for the



Chairs in the finishing room.



The Joinery 4804 SE Woodstock Blvd Portland, OR 97206 503.788.8547 www.thejoinery.com



The Monster Re-Saw

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LIBRARY PROJECT—HELP!

RICHARD HALL, LIBRARIAN

e're finally going to take care of acquiring much needed library bookcases, so members will be able to browse and borrow from the entire collection, rather than just the small selection brought to each meeting. We're woodworkers, so of course, we'll be building the cabinets. We need a few volunteers to help put them together.

The current plan is to build them at Franklin High School, sometime in April or May. The dates are not set yet. We hope that guild members will enjoy a day together building them, so for all you who have an interest, start thinking about it. If there are better days, week or weekend, please let us know soon so we can pick the right day. Contact me, Richard Hall, at diwest@ix,netcom-dot-com, Gig Lewis at giglinda@comcast.net, or Bob Oswald at Timber-Creek08@gmail.com.

We will also need a member with a pickup, van or trailer to transport the plywood and other materials to Franklin the day of the big build.

There will be a signup sheet at the next meeting.

Also, there are a few materials that have been checked out now for a few months, so time to get them returned so others can borrow them.

WHAT WERE YOU DOING?

BOB OSWALD

hose days now seem so long ago. Did it really happen? The great snowfall of 2008.

Did you take the opportunity to spend a little time in the shop? Perhaps clean up a bit, or build that storage space you've been thinking about?

I was marooned for eight



Three hours, and I love it.



days, living on a hill deep in snow and unable to ascend, even with four-wheel drive...

The shop time was wonderful, although for a couple of days there was a little feeling of claustrophobia

But the huge empty space under a full-size wood lathe was fitted with a nice looking storage cabinet.

GUILD LOGO SHIRTS

BOB OSWALD

People have been asking. Here's your chance at the MARCH meeting at Franklin. This will be a one time order. It might be repeated in a few months but only if there is sufficient interest.



Two styles, a denim long sleeve and a short sleeve polo. Both are available in women and men styles, all sizes. There will be samlpes and a signup sheet at the meeting.

Order one or as many as you like.. Cost is \$22 for denim,\$24 for polo. Guild total minimum quantity is 12 to get this price.



Your order must be prepaid at the March meeting. Cash or check made to Bob Oswald. Delivery will be at April meeting (or by special arrangement).



At any time you can also visit Garment Graphs in Hillsboro and buy anything you like. There is a minimum charge.

Please let me know by email or phone by end of February if you have any suggestions.

TimberCreek08@gmail.com or 503-985-7137

SAFETY: DANGER ZONE 14

BOB OSWALD

irst, the zone 14 is just a way of saying that there are a lot of dangers zones on power tools. Some have more areas than others, but there's usually one big, glaring spot that can be hazardous to your health. This time we're talking about the disk sander.

Be wary of the gap between the table and the disk, especially when working with small parts. This gap should be as small as possible. The danger here is that a small piece can suddenly be shoved down into the gap by the disk. In a bad scenario, the end of your finger follows.

A temporary way to minimize this gap is to lay a piece of plywood on the table, resting lightly against the disk. Ideally is should be clamped in place although you have to plan the clamp to not interfere with the work.



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INTERMEDIATE WOODWORKING COURSE, EIGHT WEEKS

or those who want to hone their existing skills while learning some new professional techniques, consider this new class from Dennis Loveland. The course is for beginner/intermediate woodworkers. It is an excellent follow-on to the Guild's Basics Course.

This course lasts eight weeks, meeting Monday evenings, with Saturday labs.

Students will learn how to set up a shop and see what they really need in one. You will learn power tool use including routers, saws, sanders and safety equipment, and hand tool combined with power tool use. Students will plan, set up and complete a small project. Classes are kept small (six to eight students) so there is ample opportunity for personal instruction. Opportunities to use equipment in two adjoining shops will be provided during class time and at Saturday morning labs.

Dennis Loveland, dba Loveland Woodworks is one of the few people on the West Coast who actually makes a living

building small numbers of high-end custom furniture. He has, over more than 20 years in the business, perfected not only designs with very wide West Coast appeal, but also the jigs, templates, and techniques to make his reasonably-priced custom work pay. It is an unusual opportunity to learn from Dennis's knowledge and skills.

Lee Johnson is a highly-paid hobbyist who does not make a living from his work, but has made his work a life. He does only one-of-a-kind, one at a time pieces (he does not repeat any pieces; his clients are guaranteed originals with no copies) so he has been forced to learn more than anyone should have to know about hand tools and how to leverage his hand tools with power tools. Lee is steeped in traditional furniture design, construction and finishing along with traditional -- and some contemporary -- decoration by carving.

The course fee is \$500. Call either Dennis Loveland at (503) 281-8750 or Lee Johnson at 971.219.0839 (it is a local Portland number) for additional information or a registration form.

SAFETY: DON'T HOLD JUST THE WOOD

BOB OSWALD

ere's a really big danger opportunity. When pushing wood through a cutting machine, in my shop, I'm always looking for some way to secure the movement of my hands. I avoid where ever possible, holding just the wood as it is being cut. The exception is with large pieces where your hands are usually far away from the cutting area.

Consider this, if the wood catches on the tool and your hands are firmly holding the wood, they are very likely going to travel some distance in contact with the wood until your brain kicks in and releases the grip. With luck, that distance is still a ways away from the cutter and/or not headed in that general direction.

My own technique, not to be construed as being the correct or best way, just my way, is as follows.

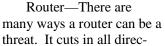
Table saw, ripping—I hook my little finger over the rail of the rip fence (Biesmeyer has a significant lip on the rip edge) It gives me a physical and mental reference of where my hand wants to stay. I never push a board through the 'rip slot' holding just the board.

Table saw, crosscut—Using the miter sled, both hands hold the rear cross member, straddling the blade exit point. Using a miter gauge, both hands are on the miter gauge

Jointer—the pushing hand (my right) rests on sits on top of the fence and slides along it. The left hand guiding never passes over the cutter. It almost always has a push pad to transfer weight to the outfeed table.

Disk Sander—palms resting on the table when sanding small pieces. Push against the sanding pad with finger tips so if the disk eats the wood in the slot, your hands are sitting on the table.





Better

tions and wants to follow the soft grain, the path of least resistance. The safest position for hands is basically away from the bit. I never pass hands directly over the bit.

Hand tools—well as Lee would say, I've never cut off a body part with a hand plane. In fact if you notice the construction of a plane, a big one, it has two handles to properly position the hands safely out of the way during the cutting operation. Ingenious! The Guild of Oregon Woodworkers is a group of professional and amateur woodworkers like you, committed to developing our craftsmanship and woodworking business skills. The Guild offers many benefits for members, including:

- monthly educational meetings
- monthly newsletter
- mentoring program to help members develop their skills in specific areas
- discounts
- woodworking shows
- network of business partners (the key to our development as members and as a Guild, providing additional learning opportunities)
- and a network of support.

For information on how you can become a member, see the Guild website listed below.

GUILD OF OREGON WOODWORKERS

P.O. Box 13744, Portland, OR 97213-0744

CLASSES, SEMINARS, DEMOS, AND SUCH....

Northwest Woodworking Studio 503-284-1644, www.northwestwoodworking.com

Rockler Woodworking 503-672-7266, www.rockler.com

Oregon College of Art and Craft 503-297-5544, www.ocac.edu

Woodcraft 503-684-1428, www.woodcraft.com

Woodcrafters 503-231-0226, 212 NE 6th Avenue, Portland, www.woodcrafters.us

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Guild of Oregon Woodworkers

40639 SW Vandehey Road Gaston, OR 97119

We're on the Web! www.GuildOfOregonWoodworkers.com