

OREGON WOOD WORKS

FROM THE PRESIDENT

GIG LEWIS

A Prosperous New Year to all of you.

The Guild is now over 600 members and growing stronger. We have a lot of things that we are working on to make the Guild better.

→ **New Machines** for the shop. The Tool committee will be meeting soon and if you have ideas or needs let Gig or Ray Curtis, our Shop Operations manager, know.

→ **Green Card** changes to make it somewhat faster to get one while still focusing on the SAFETY of all our members.

→ **Shop Schedule.** We are going to be having a standardized schedule based on a weekly basis not on alternating weeks. It will take some transition time to get it fully implemented, but we really think it will be better,

→ **Shop Usage.** One of our committees is working on new ideas to make it more convenient and to have more slots available.

The Board and various management teams really are listening to the membership. We are not promising that

things will be perfect, but they will be better.

We have some good Program meetings already scheduled for this year and are always looking for suggestions on this.

The Membership and Program committees are looking for some help. If you are interested in helping with one give them a call. You can get their info on our website.



ROCKLER IS HIRING

Rockler is looking for a time sales person. Hours would be part time, approximately 15-25 hours per week. Employment includes an employee discount.

Contact Chris Nilluka
503-672-7266



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NEXT PROGRAM — THURSDAY, FEBRUARY 8, 2015 7:00PM

NORTHWEST WOODWORKING STUDIO

1002 Southeast 8th Avenue, Portland, OR 97214

The Local Mastery Program at the Northwest Woodworking Studio



Tour Northwest Woodworking Studio's shop areas and learn about their Mastery Programs.

Social time starts at 6:30. Bring your own chair.

Board meeting starts at 5:30.

LAST MEETING: GOLDEN WEST BILLIARDS

BOB OSWALD

Was that a fun meeting! Fine pieces of furniture and one of the most traditional forms of entertainment and relaxation for those who can justify owning a billiard table.

The company was founded in the late 1960's. He had a passion for vintage tables and started out life restoring them. This led to starting a company to produce them.

All American made, manufactured right here in Portland, Oregon. Most of the case is poplar, most of which comes from Hardwood Industries. A table is a case, legs, trim, leather pockets and a one-inch thick slate top. The company employs only about fifteen people, but the size of the shop and the huge volume of cases and legs stacked everywhere bespeaks of a very efficiently run operation, by so few builders.

Worth the price of admission itself was to see the leg duplicator in action. A sixteen head router style carving machine follows the operator as he painstakingly runs a stylus over the master pattern. The cutters are all spinning vigorously and follow his every move. You could just watch this



Many legs of may different designs



Beautiful casework, stacked everywhere

thing for hours. It's a tedious process but at the end of a day's work they have sixteen legs, four tables worth. Very ornate.

They make tables in a variety of formats, from Classic and Legendary to Modern. Prices cover a fairly wide range.



Some people just make legs



Leg duplicating machine



Marquee ~ Designer Series

SHOW AND TELL

BOB OSWALD

Seven great projects came to this month's program. These folks keep busy.



Butch Miller ~ inlay



Tom ~ breadboards



Ray



Roger Crooks ~ stone



Larry Wade



Kathleen Joy



Chris Frazier boxes

HELP IS ON THE WAY

MICHAEL ROTHMAN

We all need to step out of our comfort zones once in a while and though I like to make boxes, the straight, 90 degree sides can be boring. I became enamored with the idea of making a box with sloped sides and discovered that compound miters were not something which I was comfortable in producing. Ah the benefits of Guild membership. Dennis Rodriguez, who teaches some of our next level classes, was an engineer and a friend so a phone call was made, asking for help. Although he didn't have the information in his head, he offered to do some digging to find out the information I needed to create my vision.

A short time later, an email arrived with a web site for the Georgia Woodworking Guild. They had produced a computer tool where all you had to do was type in the number of sides for your box and the slope of the sides. Hit compute and you have the angles needed for the compound miters. Of course you need to test the settings like anything in woodworking but a few test cuts and my design was coming together perfectly.

Now a lot of you might never need this kind of information but if you do, the web site is : <http://www.woodworkersguildofga.org/ShopHelpers/MiterCalculator.htm>.

Check it out and I think it might open some doors for any of you that want to delve into the area of compound miters in your projects. I have already thanked Dennis for this information but the point is that being in the Guild, you are not alone. Need help? Just ask. Our members love to help fellow Guild members produce the projects of their dreams.

WELCOME NEW MEMBERS

BOB OSWALD

Welcome to fifty-three new members in chronological order:

Daniel Drebing, Doug Corso, Joseph Krish, Steve Evans, Chris Heydemann, Ricardo Ismach, Donald Mickey, Daniel Cazan, Melissa Kenney, Bill Booher, David Winkler, Randy Gatewood, Tom Nadeau, Chris Pfeifer, John Notis, David Jacquemin, Tom Traviss, Andrew Ettinger, Marvin Blount, Taryn Johnson, Emmit Collin, Curtis Collin, Chelsey Collin, Miguel Gomez-Ibanez, Lisa Wiley, Suzi Slack, Richard Thoresen, Justin Tiret, Joshua King, Carolyn Fiely, Tom Lawrence, Dick Meissner, Gerald Wolf, Cristela Degado-Daniel, Javier Delgado, Javier Delgado-Daniel, Bob Gaubatz, Tren Haselton, Lynetta Clark, Celestia Harpster, Leonard Harpster, Stuart Smith, Joshua Talbert, Brian Carroll, Holland Golec, Charles Marquardt, James Sestric, Robert Buschman, Peter Godlewski, Rudolph Kohnle

We hope you'll make a regular appearance at the monthly programs. We're happy to have you with us. Say hello to an officer at the next meeting so we can get to know you.

CALL FOR PROFESSIONALS

ARIEL ENRIQUEZ

Gathering of the Guilds 2015 Call for Professional Members

This year's Gathering of the Guilds show is drawing near. This year's event takes place at the Oregon Convention Center on April 24, 25 & 26. The initial call for artists went out to our past exhibitors and all of our professional members months ago but there's still time for you to take part in the show. We still have booths available.

The show's Steering Committee has really stepped up support for 2015. In response to our vendor feedback, we've nearly tripled the advertising budget for the show as well as moved to another hall in the Convention Center and opened up the general floor plan for the hall in order to give our visitors a more relaxed and inviting experience.

Every professional woodworker knows that the most important thing in being successful is getting your work before a buying public. Beautiful wood draws a visitor in. This in turn leads to a contact which then leads to sales.

We are expecting thousands of people to attend the Gathering of the Guilds Show which is far more people that will see your work over this weekend, compared to the number of people that see your work on any average weekend, period. This show, which includes 4 other Guilds along with fine woodworking, is one of the major reasons that this Guild was born 36 years ago. That is a great track record so don't miss out on this year's show; call me to claim your spot. If you've never been in a show before then maybe consider sharing a booth with another woodworker. You'll both get the full experience but at half the cost!

For information on how to join this event please contact Ariel Enriquez at arielyphyllis@gmail.com or leave a message at 503-286-4828. Don't miss this great opportunity!

VOLUNTEERS—HERE'S HOW

JIM MADARAS

As we head into 2015 the Guild continues to need your assistance in several areas. To help you out, the Guild web site has a list of areas where we need your assistance (<http://guildoforegonwoodworkers.org/page-1862934>). When you do volunteer for an area that needs assistance you will not be left on your own. There will be other members that have done the job previously that will give you direction and help you along the way. As you know, an organization is only as strong as its members participation. So, help the Guild to continue to be a strong organization by checking out the web page with all the Volunteer Areas listed and try one out that looks like a good fit for your interest. The time required for you to assist can be as little as one hour a month on up. You can sign up for a volunteer position on the web site or you can send me an email (james@madaras.us) with your questions or area(s) you would like to volunteer in and I will make sure the right person knows about your interest. At each monthly meeting Ariel and I will be available to answer any questions you may have regarding volunteering and be able to pass on your contact information to the right individual, regarding your interest in helping out the Guild. Thanks to all of you that help out already in making the Guild the successful organization that it is today.

MEMBERS BOOTH

JIM MADARAS

The Gathering of the Guilds Show is coming April 24-26. any non-professional who wants to be a part of this great annual show will once again be able to participate. Take part by building a woodworking project(s) that you would be interested in selling at the show. The Guild offers you a spot in the members booth (20 ft. by 10' ft.) to offer it for sale. The process is simple: bring the items you want to display/sell to the Convention Center - Hall A on Wednesday, April 22 (between 1 PM and 7 PM) or Thursday, April 23 (9 AM to 7 PM) and I will get you set up.

NOTHING GETS IN ON FRIDAY,

You set the price and we'll put a tag on your item(s). For whatever sells, there is a 15% fee to the Guild. If nothing sells, no cost to you. I do need you to pick-up any unsold items on Sunday, April 26, between 5 & 6 pm.

For me to plan the members booth, please send me an email (james@madaras.us) with a description of your item(s) along with the approximate size. Any questions, let me know. Thanks for taking part in the Guild members booth.



THE GUILD ON FACEBOOK

BOB OSWALD

Are you a Facebook fan with a bit of a flair for posting things that are interesting, in a professional way? The Guild does have a Facebook page. I created it last year to help support the Gathering of the Guilds show.

I enjoy my own account on Facebook for many reasons. It's true that I don't really care much about what people had for dinner or a fuzzy photo of Mt. Hood taken out the airplane window. We all have our reasons and I think it serves many good purposes.

That's where you come in. I don't post much on my one page. Similarly I don't post much on the Guild page. There could be a lot to share, some little thing almost every day. Events that occurred, a note about the last meeting, a project under way in a home shop. There's really no limit to material. I just don't want to do it. The newsletter alone keeps me busy enough.

SO, if you fit the qualifications in line one above and want to make the Guild look more alive, contact me, please.

DRESSER KNOBS

ARIEL ENRIQUEZ

If you've visited the shop anytime in the last year or so, you've most likely gotten a look at one of the dressers the Guild is building for the OHM project. Taken in at a distance, the pieces look pretty much like one big box holding 6 smaller boxes. That's essentially correct. All case goods after all, from the smallest side table to the grandest sideboards, are elaborations of a basic box form. Of course, every box serves a particular purpose wherein a basic box evolves into a customized creation and, in that regard, the OHM dressers do not disappoint.

Solid wood construction, thru-dovetails, a plinth base, sleek lines, all serve the customer's desire to have a sturdy, user-friendly piece of furniture, durable and free of any catch-edges that might pose hazardous to children. That last stipulation led the builders to a solution for drawer pulls that's been around for years; creating a pull



by cutting a relief into the drawer's face. That singular feature of the dressers has elicited more queries from folks at shows, meetings, general shop users, than any other detail on the piece. Here's how we did it.

The process is done with hand held routers. It is a two-step process with two bits and two jigs to guide the cutters.

Step #1 takes a 3/4" pattern bit. The jig has the wide U-shaped pattern cut into one edge. There is a center line to help with lining up the jig at the center of the top edge of the drawer face. A couple of C-clamps keep things together. The pattern bit is set at one setting; about 1/8" short of going completely through the drawer face. We



take several passes, always climb-feeding the cutter, until the bearing gets about 1/16" from being done. Then a final cleaning pass going left to right finishes the work.



Note the labeling of the jig (#1) and the listing of the tools needed to do the job. Alongside the jig is a sample pull, used

for making quick work of setting both cutter depths. This jig was eventually remade with an outrigger side to help keep the router upright.

Step #2 requires a specialty chamfer bit as well as a 1" template guide. The jig for this step has a similar relief on its edge as in the first step. However this time the relief has been reduced in length so that the cutter will only make contact with the bottom side of pull. This shallow depression left at the bottom of the hole allows the user to gain just enough purchase for pulling out the drawer.



The special cove bit. Note the flat side of the cutter which is lowered to the same depth as the pattern bit in the first step. The curved edge of the cutter leaves a friendly roundosity for ones fingers.



This pull is really a simple thing to make. It can be done



either before or after the drawer has been assembled. It functions fabulously, looks very neat and contributes mightily to the overall sleek design of the dresser. It's particularly useful for shop applications where knobs tend to snag cords. If you're interested in learning this technique

there's still time. We have just 42 drawers remaining to be built. Come join the fun! Contact Don Cline (dclinesan@gmail.com) if you're interested.



MY FIRST PROJECT

BOB OSWALD

This piece of furniture has been kicking around my shop, covered with dust, tucked in a corner, for thirty years! Realizing that this was built a long time ago with tools far ‘inferior’ to what I now own, it seemed a good subject to share. That you don’t need all the greatest tools to do wood-working.

I built this on the front steps of my apartment in 1965. It’s a sturdy case. At the time, just out of college and wanting to join the Motorola pistol club but not being able to invest in a fancy commercial box, I did build this one. Holding three handguns a spotting



telescope and boxes of ammunition, it served me well for ten years until I moved to Oregon.

I realized that I still

own the tools I used back then. I have no idea today how I cut the plywood precisely. I may have had a skill-saw not pictured here. I do distinctly remember trying to figure out how to hide the plywood edges. That was done by sawing a 3/4” rabbet down to the veneer. The



overhanging piece of veneer covered the edge of the adjoining panel. Incredible when I think about it.

And the glue, the old faithful Weldwood. Strong as nails, the box is perfectly sound today. Dry powder, paper cut and water.

It’s FIFTY years old. How do you build an antique? Build something today and store it for fifty years. Or have your children or grandchildren hold onto it.



STEINWAY L1037

BOB OSWALD

We recently watched an outstanding video on the making of a Steinway grand piano. It aired on television a while back. If you have not seen it, its free to borrow at your local library. You might have to request it.

It’s all about woodworking, and music, and hand crafting an incredible piece of furniture. You have to see them lay out the incredible bent lamination that makes the case. I dabble at the piano. I would love one. Price tag around \$90,000. It takes a year to build one. Ask for :Note By Note | The Making Of Steinway L1037.



BEGINNER’S SIG

BOB SOKOLOW

The Beginners SIG meetings are on the third Wednesday of each month.

January 21—CNC router demonstration by Chris Mason.

February 18—hands-on experience with hand saws by Larry Wade. Sometimes the right saw to make a cut is a hand saw, not a powered one. This program will focus on an overview of hand saws, the primary types, sources, their uses and how to saw. It will include demonstrations, discussion and hands on. Saws will include Carcass, Dovetail, Panel, Tenon, Coping/Fret and Flush Trim. We will look at the hand saws available in the Guild shop, and users are encouraged to bring one or a few of their own, with any questions.

March 18—demonstration of marquetry by Butch Miller

All meetings are at the Guild shop unless otherwise specified.

Time is 7:00 to 9:00 PM. Social time begins at 6:30. Everyone is invited to attend, beginner or not. We will also have time to show projects you are working on or have finished for show and tell.

PLANTER TABLE ANTIQUE

BOB OSWALD

I've been cleaning the shop a little bit more. It's a never ending process. I keep stepping over, walking around and piling stuff on this walnut table, taking it for granted. It finally dawned on me that this is an antique, sort of. I built it in 1973, in the garage of our house in Tempe, AZ, with my Sears radial arm saw. Something prompted me to submit it to *Popular Science* and it got published. I think I paid income tax on the \$200.

Note the cost in the article, less than \$20 in black walnut. So this sweet table is over 40 years old and still holding up despite the banging around it's gotten. We're looking for a place in the house for it.

The editors wrote the article. Even then I was not into pine and paint.

I need to rebuild the legs. Don't they look kind of wobbly? They were. I didn't know much of anything about building furniture then.

This is the second project I remember doing. The first was the pistol box featured elsewhere. I had owned that radial arm saw for about five years, in a condo and three apartment bedrooms before getting married and moving to the house where this was done.



THIRD MONTHLY WINNER:

Robert J. Oswald of Tempe, Ariz.

Are you short on display space for your favorite books and magazines? Do you like the touch of life that plants can add to a room? Then build this end table. Up front is a shelf for magazines. In back, a built-in planter.

Fill the planter box directly with soil, or set potted plants in the box and cover with sphagnum moss. In either case, a waterproof planter lining is a good idea. Solder a galvanized steel liner if you like, or take the easy way out and use epoxy paint for waterproofing.

Choice of wood is yours. The table above was made of solid walnut for a little over \$20. Pine and oak (stair tread is a good source of clear oak) do nicely, too. If you want a modern, glossy plastic look, use plywood for everything but the legs and trim. Finish with enamel.

All parts of the table go together with clamps and white glue. One exception: The legs fasten on with flathead screws to allow for easy removal and transportation.

Finishing. Walnut and oak usually look best with a natural oil finish. Watco Danish Oil is a good choice. If the walnut has streaks of light sapwood, use a walnut stain before brushing on the oil. This will give the wood a uniform tone.

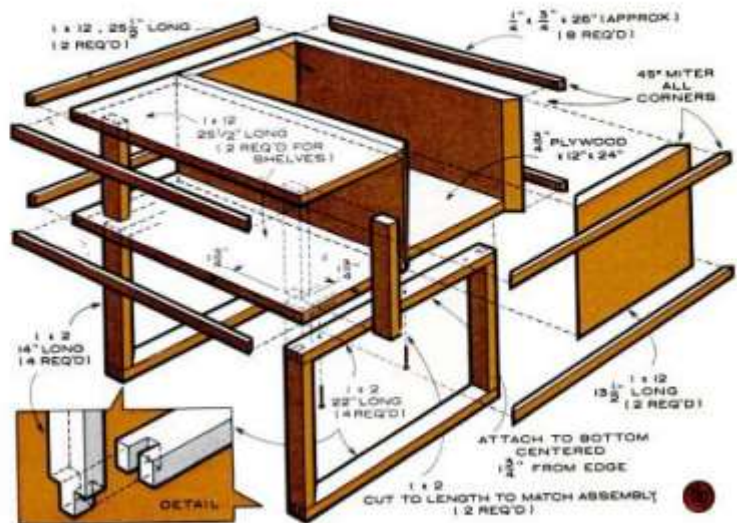
Pine is best sanded carefully, then stained and varnished. And the best stains for pine are those that simulate the look of aging.

Gloss-enamel finish requires careful sanding. Apply at least three base coats of enamel. Let each coat dry overnight, and sand between coats with 220 paper on a block. Before the final coat, wet-sand with 320 waterproof paper.—*The Editors*



Table is most at home near window where plants get plenty of light.

End-Table Planter with Magazine Shelf



Want to enter your own design in our Weekend Competition? Turn to page 136.

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NO STITCHES, NO SHORTER

GIG LEWIS

An interesting thing happened to me in the shop yesterday (December 29). Many of you have heard about me making some dining room chairs to match my dining room table. For about the last ten visits to my shop I have been making the various jigs that I will use to make the chairs.

The very last jig needed to complete this part of the project was the fourth set of splat jigs. The splats are the thin curved pieces fit between the seat and the crest rail, what you lean your back against. Three sets were already complete and I needed one more so I could do all four at one shop visit.

I cut the slow curve in a 22" long 2 x 8. It was then double-stick taped to the template with the curve barely peeking out from the working side of the template. With a pattern bit in my router, I was ready to go.

The difference between a flush-trim bit and a pattern bit is the location of the bearing. Both of them work against template on which the bearing glides to make an exact copy of the template.

When I lowered the router into position the sharp working end of the pattern bit hit the template first, not the bearing. My left hand was about 15 inches away from danger, but at 14,000 RPM, the router leaped across the board and BIT my thumb. My vocabulary defaulted to words that had helped me in the Marines.

After trying to explain to my wife that it was the router's fault (she didn't buy that either) we decided that it was time for a hospital visit. During my four-hour visit in the VA's emergency room and discovering how bad things were, the doctor and I agreed that I was a very, very, very lucky woodworker. I ended up with about 1/4 of my thumbnail removed without any other damage. No stitches, no gouges, my thumb works like it was designed to work, and it is the same length that I started with that morning.

I had lunch today with Michael Rothman and Dennis Rodrigues and they both asked me if I had told the doctor that I was the president of the Guild. If I have embarrassed any of you, please accept my apologies.

Remember to go slow, pay attention to what you are doing, and be safe!

Your embarrassed President.

Ed Note: And hold the router with both hands.

HELP OUR TREASURER

BOB OSWALD

Roger tells me that people send in checks and expect us to figure out what to do with them. Checks arrive at the treasurer's office, typically for donations, classes and memberships, or worse, for some combination of all three. It might even be all three! No notes, just a check.

The biggest thing you, dear Guild member, can do is send the check to the person and address listed in a class description. If it's a membership check, as it says on the join/renew page of the website, please send it to Larry Wade. He uses it to verify the address among other things.

If you ignore this suggestion, you may well not be admitted to a class as it may not get credited to your account.

MULTI-ROUTER CLASS

BOB OSWALD

For those with a basic understanding of the Multi-Router, this class took eight Guild members a step further. The project was a little side table with a shelf and a drawer, shown in the photograph. Everyone learned how to cut mortise and tenon joinery like a pro. The Multi-Router is basically a three dimensional milling machine, with precision control in each axis. Excellent for production work where repeatability is a must.

Over the course of two days everyone gained more skill, knowledge and confidence

Quoted from one student: "It was a great class, we had lots of fun and everyone will enjoy a fine new table; perfect way to spend the weekend."



Julie makes sawdust with precision



WANDERING THE WEBSITE

BOB OSWALD

I continue to make small adjustments to the website to improve usability and visibility, as well as to add new features of the Guild. I had someone comment to me once that the site looked pretty static. Boring might have been another word but it was based on an observation that nothing seems to change.

It changes every day. The layout is constant to assure some degree of consistency. I try to keep the home page clutter free and hopefully appealing.

The daily changes? The different event boxes are all time based. A class drops off the list when the date has passed. All prior classes, etc. remain forever in the database, so information about them is retrievable

What's new?

Guild Shop ~ The shop is a major part of Guild life today. There's a menu item dedicated to it with a substantial sub-menu structure. This month I made it more visible on the home page with a box in the right column. I'll admit the box isn't very attractive yet but I wanted to test the navigation usability for a while. Hopefully the four words there signify the structure of the shop. They are just links to the appropriate page in the menu. Let me know what you think

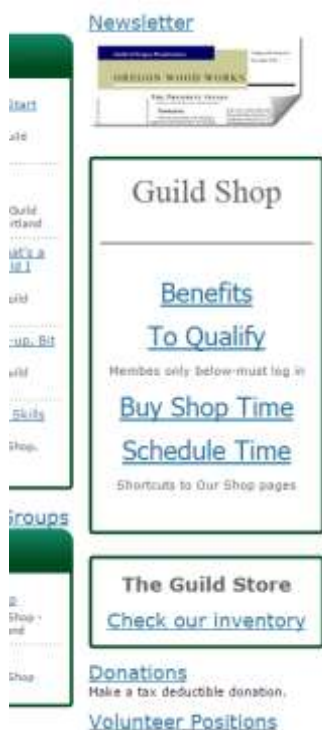
The Guild Store ~ The Guild is now offering some wood products for sale. There's a page on the website, similar to the clothing page, that displays items and allows people to purchase them. There is a link on the home page.

Volunteer Positions ~ We are trying to put a little more structure into our need for volunteers. There is an on-line spreadsheet that lists the needs and the nature of the task. It includes a way for you to enter your name and contact. Jim Madaras monitors it. If you see something you can help with, you can speed up the process by contacting him directly. There is a link on the home page right under The Store. If you have suggestions for how to improve it, please let me or Jim know.

Our Instructors ~ The Education Team wants you to know a little bit about the folks who teach Guild classes. There is a page under Classes now that lists them. We're still waiting on a number of them to fill in their biographies.

HOST Testing ~ The task list used in the Hands On Safety Test for your green card is available under Our Shop / To Use the Shop. It will be handed to you when you are ready for that final step. Take a look.

Search ~ At the top of the home page is a Google search engine that looks inside our site. You have to tolerate a couple of non-site hits at the top since it's free.



FROM THE EDUCATION TEAM

NORM BAIRD

GUILD UPCOMING CLASSES

Design Exploration: Activate Your Practice with Amanda Wall-Graf

Begins Jan 27 (5 sessions), 5-9, \$370

Coordinator: Chip Webster

Four Ways to Camber a Plane Iron with Jeff Zens

Jan 30, 9-1, \$ 60

Coordinator: Chip Webster

Practicing the Fundamentals with Larry Wade

Begins Jan 31 (4 sessions), 9-1, \$205

Larry Wade's shop

Refer coordinator questions to Larry

Applying a Varnish Finish with Chip Webster

Feb 23, 5-9, \$90

Coordinator: Bob Sokolow

Purchasing Hardwoods for Your Project with Jeff Zens

Mar 14, 9-5, \$120

MAC Cottage 5

Coordinator: Sean Ben Safed

See the Guild website for registration and details. Contact the Class Coordinator with questions. All classes are held at the Guild shop unless otherwise specified. 7634 SW 34th St, Portland, OR 97219

AFFILIATE UPCOMING CLASSES

See their websites for more details and offerings

Northwest Woodworking Studio

Treen: Cool Kitchenware

Feb 21-22

Instructor: Zach Malcolm

Oregon College of Art and Craft

Light Through the Branches: Paper and Bamboo lamp shade

Instructor: Charissa Brock

TO USE THE GUILD SHOP

BOB OSWALD

Get a green card by:

- ♦ Taking the free Safety Orientation
- ♦ Pass a Hands On Safety Test.

The process is spelled out on the website under Our Shop and then To Use the Shop. The process is pretty simple. There are a few steps to follow and the website should guide you through it. YOU MUST BRING THE FILLED OUT TEST to the orientation with you.

If you don't see a class scheduled on the home page, contact Gig Lewis on Orientation, Chip Webster for skills training or Bill Keay for HOST testing. When you pass the final step Bob Oswald is notified to create and mail your green card, and update the database records.

The Guild of Oregon Woodworkers is a group of professional and amateur woodworkers committed to developing our craftsmanship. The Guild offers many benefits for members, including:

- Monthly educational programs
- Monthly newsletter
- An education program to help members develop woodworking skills
- Sponsor discounts
- Woodworking shows
- Network of business partners (the key to our development as members and as a Guild, providing additional learning opportunities)
- A woodworking shop with space to rent
- A network of friends

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

GUILD OF OREGON WOODWORKERS

10190 SW Washington St., Portland, OR 97225

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

THE GUILD IS PROUD TO BE SPONSORED BY:

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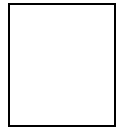
Northwest Woodworking Studio
Oregon College of Art and Craft

- ◆ Some sponsors offer discounts to current Guild members.
- ◆ ** denotes Scholarship Sponsor



Guild of Oregon Woodworkers

c/o Bob Oswald
40639 SW Vandehey Road
Gaston, OR 97119



We're on the Web!

www.GuildOfOregonWoodworkers.org