

WOOD WORDS

FEATURED THIS MONTH

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Kansas City Woodworkers' Guild

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GARAGES, CHURCHES, AND COFFEE HOUSES

Long ago, I attended one of those touring woodworking shows. You know the type. They have an exhibitor area where you can buy a variety of gadgets to suddenly make you an expert woodworker. (I just realized how closely related woodworking is to golf.) They also have lectures for various aspects of woodworking. One lecture that I remember was by Dr. Roger Cliffe. Dr. Cliffe was a noted author of a few woodworking books that focused on setting up power tools like the table saw and radial arm saw. To be honest, I cannot remember anything specific that he said about setting up a table saw (although I probably use those techniques today, I just can't remember where I heard the information). What I do remember though are two quotes that he used in this lecture. The first deals with a subject common to most hobbyist woodworkers. Dr. Cliffe said, "When someone looks at a piece of furniture and tells you that it is nice, respond by saying 'Thank You', and then you should SHUT UP.' His point was that too many of us, when complimented on the furniture we build, proceed to share all the

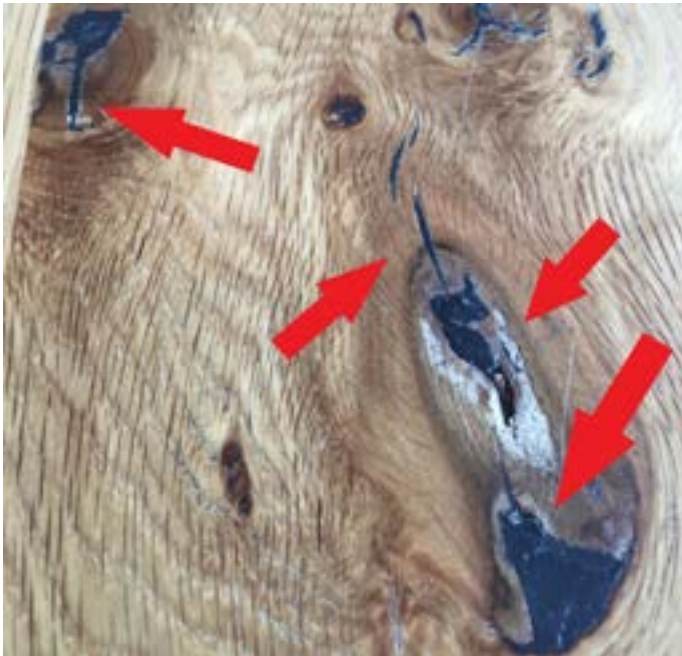
flaws and mistakes made along the way. That is something that you don't really need to share, and it detracts from the aura of the beauty of the piece that you made. (I just realized how closely related woodworking is to magic tricks.)

The other quote from Dr. Cliffe was, "Sometimes we build for churches and sometimes we build for garages." This is so true. In my garage I have some shelves. They are made of 1/2" plywood resting on a ledge affixed to the wall and metal rods suspended from the ceiling support the front of the shelf. They are ugly, sag, and finished with peeling paint. I did not make them, but I haven't bothered to change them out because they remain functional and I don't need to worry a lot about the aesthetic look of them either. On the other hand, while I was in between flights at an airport a while back, I watched on CNN the fire of the Notre Dame Cathedral. Centuries old furniture, carvings, and other art gone within a few hours. But those pieces had lasted centuries up to that point.

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Imagine the effort that went into material selection, joinery, finishing, and maintenance that allows for a piece of wood to withstand constant use for hundreds of years.



I was sitting with my wife the other day at a local nationally know coffee chain, when I noticed something wrong about the table. Some of the finish was peeling away from the surface. Upon closer inspection I noticed that the builder of the tables had chosen to minimize his waste material by incorporating the knots in the wood into the table top. In an effort to stabilize the wood, that person poured epoxy into the openings around the knots. The problem with this process was that between seasons, the wood in the table top continued to expand and contract as the relative humidity of the interior changed. The epoxy did not expand and contract along with the wood. The result was an eventual separation between the wood and epoxy which then resulted in the finish becoming delaminated from the surface in those areas. I also noticed that some of the knots, even without epoxy,

had begun to create new openings in the wood surrounding them as they continued their natural reaction. There is 'flexible' epoxy, but I have no idea if that would solve the problem or make it worse.

Once the finish started to break away from the surface, the protection it offered was eliminated and the wood underneath,

after several wipe downs of the table, has started to rot away. This process with continue until checked in some way or the table is eventually thrown out.



I am sure that when the woodworker was planning the table construction, the thought of putting the table in a church or lasting for hundreds of years was not in mind. But, at the same time, this piece was not intended to sit in the back of a garage nor was it meant to last only a short while (this particular location had been open for less than a year). I am pretty sure when the tables were delivered, praise was accepted and no word was said of saving money on materials or the probable future failure that would occur.

These days, having children and grandchildren, I spend more time thinking about projects that are going to outlast me and be something that they can hand down to their children and grandchildren. Well built, with good materials

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is going to last several lifetimes. An example comes to mind for a utility step I built my wife for the kitchen, probably shortly after attending that lecture by Dr. Cliffe. It used $\frac{3}{4}$ " solid white oak with box joints to attach the steps to the sides. Before I could finish the piece it was pressed into to service and served us well for many years despite having no cross stretcher attached at the back and no finish protection at all. Probably after a decade, I felt sorry for that step and cleaned off the paint splatters (the step was not just used for getting things out of high cupboards, but also various home improvement projects), attached the missing cross piece, and added a stain and top coat finish. That step is over 30 years old now, sits in the kitchen ready to do its job, and is still going strong. While it has not seen its first one hundred years yet, I am certain that it will.

Taking a few extra minutes to think about where and how this piece will be used, who may inherit it someday, and how long you intend for it to be around, should be part of your project process. Once you decide that something is going to last for a long time, spend the little bit of extra money to get quality materials, make a strong assembly, and properly finish your piece. You will be happier with the final results, even if you did make a mistake or two along the way. Remember, that can be your secret.

Until next time, keep the sawdust flying.

**Norm
Carpenter**
Director of
Training



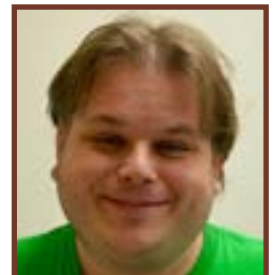
JUNE 2019 HAND TOOL SIG MEETS AT 2:00 PM ON SUNDAY, JUNE 23RD, 2019

Come join us at the Hand Tool SIG on the 4th Sunday at 2pm. This month, we're going to be looking at the topic of tips and techniques for making long rabbets or tenons. A long rabbet joint is almost a staple in any project but it's often relegated to "it's only a rabbet joint". You'll find them in fitting shelves into dadoes, attaching backs to cabinets, making breadboard ends, and the list seems to go on forever. I would argue that making a rabbet consistent over a foot of end grain is more difficult than making 12 dovetails. This is can be chalked up to the fact that a rabbet has less details to hide mistakes so the joint has to be that much more precise. We'll be looking at the

tools, techniques, and jigs that are useful in pulling off a successful joint.

As always, we're on the constant lookout for new topics and presenters. So if you have an idea or want to show off some awesome skills, let us know! Otherwise we might be forced to start breaking out the routers to make rabbets, and no one likes power tools in the bench room.

Andrew Carr
Secretary



JUNE MEMBERSHIP MEETING PROGRAM

If you're like me, you are probably contemplating different ways to do something that can be done several ways. For example, one way to cut intricate pieces from relatively thin wood is to scroll saw them out. You could also laser cut them. The Guild has six scroll saws, but no laser cutters. So, you could go to the Johnson County

Library where they have some laser cutters, but how do you start? Well, Nick Ward-Bopp will be giving us the details on how to set up and use their laser cutters at the June meeting. Nick will also inform us about the other neat toys that they have in their Maker space at the library. The library is a great resource not only because they have neat tools, but also

because they have staff to assist you, which is especially helpful for your first time out. Ask Nick some great questions.

Matthew Nowak
Director of Programs



POWERTOOL REPAIR AND RESTORATION SIG MEETS 1ST SUNDAY OF THE MONTH 3-5PM

We have some new projects for the SIG to enjoy. Imagine you went to an auction focused on the offering of desirable Elvis plates (Including the coveted double sided Young Elvis/Vegas Elvis plate). Before they get to the plates the next item up for bid is an old tablesaw that was out in the

a tablesaw at a plate auction, attended by plate collectors. As a result the auctioneer is pleading for a bid offering a cold drink and a ride in his convertible if someone would just bid so he can move on to the next item. You raise your paddle and the auctioneer's call of SOLD! comes so quick it catches you by surprise.



chicken coop. It looks a little rough, even after they shoo the chicken off of it. But it's

Sure, it's happened to all of us. Now you have this saw can it really be restored? And as a saw, not rebadged as a hipster prep station for sale in some Crossroads boutique. Well the SIG has a couple of machines pretty similar to the

one in the story and we're going to go through the steps of bringing them back to their former glory. It all starts on July 7th at 3pm.

I hope to see you there.

Chuck Saunders
Director of Assets



SAFETY COMMITTEE

Hi members. On the safety front, we don't have a lot of new information to share. We have added a couple of new instructors in our Rough to Ready classes. Thank you to John Johnson and Ed Stewart for stepping up and getting involved. These "one-on-one" classes offer our new members an opportunity to get their safety certification and also get instruction from highly qualified instructor on how to make a box. More importantly, you are getting a great exposure to a number of skills that will serve you well as you jump into other projects in your spare time. For the price of this class, it is money well spent.

I also want to welcome Richard Sidwell to our Safety Committee. Richard answered the call recently and joined us. This is what the Kansas City Woodworkers Guild is all about. If you feel comfortable or maybe even a little uncomfortable about contributing to your Guild, the Safety Committee is a great place to start. We are quite proud of our safety record and we welcome any and all who want to make a contribution through involvement. You don't have to have any special skills other than the willingness to meet once every 2 months. Our next Safety Committee meeting is on the calendar for Tuesday, July 9th. Please consider joining us.

I am always proud to announce that we have had no injuries or incidents to report over the last several months. In a shop as large as ours, that is a great thing to pound our chest about. We have a terrific group of shop foremen that monitor activity and step in when it is warranted. Please don't be offended or put off if one of our shop foremen stop you and make a suggestion of how to do something on one of the machines. We do so because we know it will help you in the long run. Everyone looks better with ALL their digits on their hands! Just in case, our shop foremen are trained to assist in administering

first aid should the need arise. We have a well-stocked first aid station mounted on the wall directly across from the new SawStop crosscut saw (the one with the crosscut table attached.) I've left a little of me behind on many projects over the years. Problem is, blood doesn't take finish very well!

Additionally, it was decided at our last Safety meeting that those who opt to bring in their own tools to use, please do so with some consideration for those working around you. In particular, if you come to the shop intending to use your own 4" side wheel grinder with an Arbortech carving wheel on it, please make sure to wear a face shield in addition to the required safety glasses and do your work where you won't be showering another member with the sawdust being generated by the carving wheel. These machines remove a lot of material super-fast, but they throw sawdust everywhere. Also, please use these with extreme caution. As quickly as they take wood off, they can remove skin even quicker. In this particular case, it might be good to wear gloves for an extra ounce of precaution. Remember, we don't allow you to wear gloves while working on the machines, but in this case, gloves might be a good idea. Just be aware of who is working nearby and be considerate of their working area. Also, please be sure to clean up after yourself when doing this or any other work in the shop.

As Director of Safety, I wish you all a safe and healthy experience in our shop. Let me know if you have any ideas or suggestions on how to make our shop safer.

Happy woodworking to you all.

Mike Jones
Director of
Safety



MEMBER PROJECTS



Dan Robidoux

*Project Name: Redhead
Drake Decoy*

Materials: White Cedar

Greg Strasser
Project Name: Magazine Rack

Materials: Rustic Alder

Finish: Shellac, Garnet

*Points of Interest: Cloud Lifts,
Pegs*



**Photos Courtesy
Neal Ray Shoger**

WHO ARE OUR SPONSORS?

For sponsorship to be successful, Guild members must be aware of and support our sponsors. Sponsors are indicated in this newsletter and within the shop on banners and promotional literature in the Sponsors Corner. Additional information can be found on the Guild website, kcwoodworkersguild.org. Click on "MEMBERSHIP" below the page banner and select "SPONSORS". Scrolling down the page will reveal logos of current sponsors.

Clicking on a sponsor's logo will indicate additional sponsor information including what services or products are available, location and contact information.

Duane Miller
Director of Sponsorship



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PRECISION
ELEMENTS

FROM THE SHOP

George Carlin had a routine about how leftovers made you feel smart twice. The first time when you package up the leftovers and put them in the refrigerator you feel smart "I'm saving food".

Then three weeks later when it has turned green and fuzzy and you throw it away you feel really smart "I'm saving my life".

I see this happening with glue brushes in the sink at the Guild.

When finished gluing up, the glue brushes are put in a coffee cup of water and left soaking in the sink to await cleaning. Four days later with the glue brush rusting away in the cup now ruined and taking a coffee cup with them, they get thrown out. To harken back to that first day in boot camp, when you hear the phrase "Your Mama isn't here". Please clean your brushes and leave the kitchen sparkling clean. Thank you.

Please make note of which sleds

you are using on which saws. Sleds are meant to be used on the two crosscut tablesaws and the dado saw. The crosscut sleds are labeled whether they are to be used on the sliding tablesaw or not. The sleds that are not to be used on the sliding tablesaws have in large black marking "DO NOT use on the sliding tablesaw"

**Chuck
Saunders**
Director of
Assets



MEMBER PROJECTS

**Photos Courtesy
Neal Ray Shoger**

Jim Bany

Project Name: Jewelry Cabinet

**Materials: Brazilain Cherry,
Soft Maple, Wenge**

Finish: Armour Seal

**Points of Interest: Cloud Lifts,
Pegs**



PLEASE WELCOME THESE 19 NEW MEMBERS WHO JOINED THE GUILD IN MAY 2019

<u>FIRST NAME</u>	<u>LAST NAME</u>	<u>HOMETOWN</u>	<u>STATE</u>	<u>MEMBERSHIP</u>	<u>JOINED</u>
Phil.....	Akers	Holt	MO	Regular	5/16/2019
Adam	Blevins	Kansas City	MO	Sawdust	5/24/2019
Joseph.....	Ciro	Liberty	MO	Sawdust	5/7/2019
Chaz.....	Cointment	Overland Park.....	KS.....	Sawdust	5/15/2019
Lanny.....	Crupper.....	Olathe.....	KS.....	WW+	5/7/2019
Jason.....	Elliott.....	Holt	MO	WW+	5/30/2019
Jonathan	Godsey.....	Grain Valley.....	MO	Sawdust	5/15/2019
Robert	Gremminger	Shawnee Mission ...	KS.....	WW+	5/30/2019
Christopher	Holthaus.....	Overland Park.....	KS.....	WW+	5/30/2019
Kerry	Jordan.....	Olathe.....	KS.....	WW+	5/4/2019
Chet	Lanious	Kansas City	MO	Benefactor	5/4/2019
Jasmin.....	Moxham	Overland Park.....	KS.....	WW+	5/15/2019
Patricio.....	Mujica	Parkville.....	MO	WW+	5/7/2019
Bob	Paisley	Kansas City	MO	Sawdust	5/15/2019
Karl	Reed.....	Lenexa.....	KS.....	WW+	5/7/2019
Connor.....	Spencer	Kansas City	MO	Sawdust	5/16/2019
Ryan	Tramel.....	Kansas City	KS.....	WW+	5/16/2019
Brandon.....	Waldrop	Kansas City	MO	WW+	5/31/2019
Jon.....	Zwiegel.....	Kearney	MO	WW+	5/16/2019

Current Membership: 838

MEMBER PROJECTS



John Johnson, Project Name: Wayne's Inlay & Ron's Box Class

Materials: Cherry and Oak Finishes: Shellac and Lacquer

John Tegeler

*Project Name: Scroll Saw
Projects*

*Materials: 1/8" Baltic Beach
and Walnut*



**Photos Courtesy
Neal Ray Shoger**

THE JUNE 2019 INTERESTING VIDEOS....

YouTube and other video sites are great resources for woodworkers, here are a few presented in no particular order. Each of these videos caught my or other's eye for various particular reasons, be it the education, the project, or the film itself. If you run across interesting videos, please send a link to me at Library@kcwoodworkersguild.org

Did you know that the Guild has a YouTube channel? The videos below will be on a playlist for ease of watching. Take a look! <https://www.youtube.com/user/kcwoodworkers/>

Enjoy!

Highly Figured Tiger Maple Cutting Board

<https://www.youtube.com/watch?v=PlhWaDgViCU>

Brian, of GarageWoodworks, makes a relatively simple cutting board, stepping through each of the processes needed to bring it to the next level. Especially nice is showing that even for one off projects, leveraging templates can really make a difference. Not sure about the Cutting Board Oil he uses, though, as it appears to be a sponsor.

Ruler Marking Gauge

<https://www.youtube.com/watch?v=UcVpItyocms>

Make your own Ruler Marking Gauge to show off your tool making chops and to supplement your layout tools. During projects, once you set a marking gauge, often times you shouldn't change it until the project is complete. Having multiple gauges allows for multiple 'saved' measurements. Also check out all of the other home-built tools featured in the video.

Can You Make a Canoe from Plywood? DIY Quick Canoe

<https://www.youtube.com/watch?v=-uqld2mOw0>

A quick tutorial about how to make a canoe from plywood. Twice. Because of material choice. Take care in the choice of supplies or be forced to repeat. It's a nice look at how easy a canoe can be.

Tool Cart (Adam Savage Style)

<https://www.youtube.com/watch?v=BlADBjM7TOc>

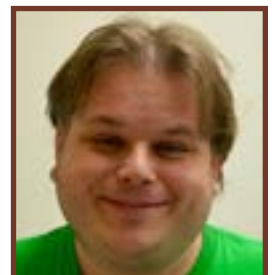
Adam Savage has a theory about tool placement, in essence it's to have the tools immediately on hand and not buried somewhere. Phil puts his own spin on the theory with a custom tool cart built from other tool carts. I like the clean tiered aspect to the top part and the way that the finished product looks like it was the original in the first place.

Tool Tansu

<https://www.youtube.com/watch?v=ED38YVx1wCk>

Mike Farrington makes some under stair tool cabinets for his shop that he calls a Tool Tansu. A great use of some 'wasted' space, especially in a basement shop, and several, very good, tips on dealing with MDF carcasses. His solution to the smallest cabinet drawer is pretty nifty as well.

By Andrew Carr
Secretary



MEMBER PROJECTS



Larry Welling

*Project Name: Jig for
Hidden Splines in
Miter Joints*

Finish: Shellac

*Challenges: Figuring it
Out*

**Photos Courtesy
Neal Ray Shoger**



Les Hastings

Project Name: The Thing

*Materials Used: Macassar Ebony
and Holly*

MEMBER PROJECTS

Mike Resch

**Project Name: Sample
Turning for CNC Training**

Materials: 2 x 4 Cut in Half

Finish: None



Roger Bartlett

Project Name: Waterfall Table

**Materials Used: Sycamore
and Walnut**

**Challenges Encountered:
Angles**

**Photos Courtesy
Neal Ray Shoger**

MAY SAFETY REVIEW

Jointer

Jointers are used to prepare stock for making joints by smoothing and flattening an edge or surface of stock. They have high-speed rotating knives that remove material from the bottom face or edge of the board as it is pushed past them. Typically a jointer is used to make one face of a board flat, straight, and smooth and to make one adjacent edge flat, straight, smooth, and perpendicular to the jointed face.



Safety Rules

1. Set the jointer to remove no more than 1/16" of stock per pass.
2. Joint only stock that is at least 12" long and narrower than the cutting head.
3. Use push blocks when needed to keep your hands at least 3" from the cutter head at all times.
4. Do not joint the face of a board that is thinner than 5/8".
5. Although the fence can be tilted, jointing the stock at an angle could be difficult. The use of push blocks and hold-down devices is highly recommended. If possible, consider another machine for this operation.
6. Make sure that any cutter head in back of the fence is covered by a guard.
7. Always run wood through the jointer with the grain running parallel to the length of the jointer bed; never joint across the grain. Examine the stock for grain direction, warp, twist, burl, swirl, kink, and cup before jointing.
8. When straightening a cupped or bowed piece of stock the concave face should face down and the humped or convex face up.
9. Always feed toward the out-feed table.
10. When you are jointing the face of a board, don't let your thumb or fingers hang over the back end to push it through the jointer.
11. Walk a long board through the cut. Never stand facing the fence.
12. Avoid applying pressure to the leading few inches of stock, since that may result in tipping the board or your fingers into the cutter at the start of the cut.
13. Do not back your workpiece out of a cut; either keep going in the direction of the out-feed table or shut the machine off and lift your workpiece off once the cutter head has come to a stop

MEMBER PROJECTS

Varney

Project Name: Tool Chest

*Materials: Alder, Blackwood,
Poplar and Veneer*

Finish: Shellac



Anthony

Project Name: Bowl



**Photos Courtesy
Neal Ray Shoger**

Rough to Ready

A Basic Hands-on Introduction to Woodworking

This class instructs you in the basic techniques and provides the hands-on experience of using table saws, router table, jointer, planer, bandsaw, wide belt sander, miter saw, some good ol' sandpaper as well as various squares and measuring tools. It serves as the only alternative method to satisfy the KCWG'S safety requirements and earn the required Safety Certification necessary to work in the Guild's shops.

This is the perfect one-on-one or one-on-two class for beginners, novices, even as a refresher for experienced woodworkers to build a 9in x 5in x 3 1/2in lidded box with an experienced instructor. Beginning with rough cut lumber your class will progress step by step to create a lidded box, glued up and ready to take home and apply finish after only minor sanding.



All that's required to take the Rough to Ready class is a paid up Sawdust Maker, Woodworker Plus or Benefactor Membership, a completed and passed Online Safety Test (90% passing grade) and your paid tuition for the class. Sign up is simple, just follow this link: <https://www.signupgenius.com/go/20f0b4ca4ac2ea4fb6-rough>.

We currently have Rough to Ready class openings on a first-come-first-served basis at the following link: <https://www.signupgenius.com/go/20f0b4ca4ac2ea4fb6-rough> Classes fill up fast and you won't want to miss out.

**NEXT
MEMBERSHIP
MEETING IS
SCHEDULED
FOR
JUNE 19 AT
7:00PM**

LEADERSHIP COMMITTEE MEMBERS

President:..... Craig Arnold president@kwoodworkersguild.org
 Vice-President:..... Cal Hobbs vicepresident@kwoodworkersguild.org
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