

# WOOD WORDS

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Kansas City Woodworkers' Guild

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## WHAT IS THE GUILD TO YOU?



**F**or me, it's a place I come to do my wood-working.

skills. And, a few of us share our knowledge with fellow members as instructors and shop foreman.

So where does this take us? We know how we got here. But where are we going? That's good question! So, let's find the answer.

education as well as expand the classes that we currently offer?

- Hire a professional staff to handle the day-to-day administration of the Guild?
- Or, do we stay the way we are?

A place where I learn, a place where I teach and where I mentor.

I've met many great woodworkers here and I've learned from them.

I've met many new woodworkers and shared their triumphs and their flops. And, watched them turn that flop into woodworking success.

I joined seven years ago when the Guild had 210 members. My, how we've grown! Today, we have 749 members and continue to grow.

Most of us joined the Guild to use the fabulous shop. Many of us take classes to hone our

We have a pretty good idea what the Guild will be like this next year and possibly the year after. What about five years? Are we still in the same building? Do we expand deeper into our present building? Look for a new location? How about 10 years, 15 years, or 30 years?

Do we:

- Look for a new building?
- Team up with other craft and skill groups to afford a bigger location?
- Team up with an existing program to offer more classes?
- Develop a curriculum for full-time woodworking

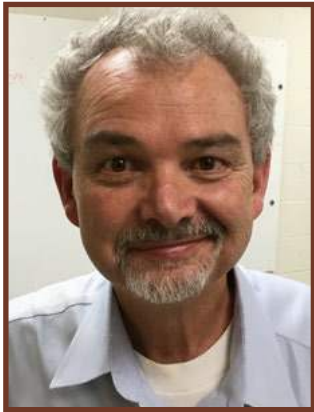
In the next few months, you may be asked to provide some information about yourself, your woodworking objectives, and your vision of the Guild.

My goal is to present a growth plan to the Guild membership sometime mid-2019. It can be a big project and set the path for the Guild's growth for the next 10, 15, or 30 years.

It's hard to believe that in two years, 1990 will be 30 years ago! How has your 30-year plan worked out?

Sincerely,  
*Craig Arnold, President*

## COMMENTS FROM THE DIRECTOR OF TRAINING



**J**une, well, the year is almost half over. So far, I am feeling pretty good about where the training program is at and our future. Dave Kraatz handed over the reins of the training program to me, but he hasn't gone away. Having his mentorship

and experience is a great asset to us.

The whole leadership team has lent their assistance as well. One of the biggest assists comes in the form of Mike McCauley who has stepped in as Assistant Training Director. Thanks in a large part to Mike we have the following new training activities coming up:

Introduction to Inlay, Veritas Sharpening Toolkit, Traditional Band saw Boxes, Arno Burnisher Scraper Sharpening, and a Knife Making class.

And Skill Builders too:

July – Choosing and using lumber for your project

August – Half Blind Dovetails in the Leigh router jig

September – Architectural carving: Decorative Shell

October – Introduction to Wood Turning

Never been to a skill builder? Check out this link to see an example of these free monthly classes. <https://www.youtube.com/watch?v=T7VONfJuXvw>

Our June skill builder featured the much needed Mortise and Tenon Joint. Tim Locke did an excellent job taking members through his process as we all shared some other ideas.

We have a great team of instructors who give of their time, talent, and patience to teach classes to share their skills with other. Be sure and thank any of our members who are participating as instructors. I am not going to list them here because I am

sure I am going to miss one or two, but just look at the classes we offer and that will tell you who to thank.



Two of our instructors, even when given a night off, decided to help the director of assets with a much needed equipment repair. These guys just don't know how to take a break.

Finally, congratulations to the students who completed our latest Basic Woodworking course. Cody Keever, Brian Walton, Susannah Hall, Eric Kipp, Marty Williams, Hasan Ozbay, Scott Monachello, Scott Tubbs, Ben Peyton, Michael Janacaro, Ryan Fiser, Casey Boyd, and Marc Shank. After the 30-hour course, these students are ready to start building some awesome projects. I look forward to seeing them around the Guild shop working on some cool projects.

*Thanks,  
Norm Carpenter,  
Director of Training*

## WHO ARE THOSE SAFETY GUYS?

**A**s a Guild member, you may not see all that happens (and needs to happen) to make your Guild a safe place to learn and enjoy woodworking activities. We are all responsible for ensuring the safety of our shop operations, but the volunteer professionals that dedicate their time and talents through their membership on our Safety Committee are especially deserving of your thanks. The array of safety-system enhancements that the Safety Committee has accomplished over the years is impressive. (The coordinator of each is shown in parentheses.) Safety Program Policy (Committee). Safety Rules Handbook (Bob Edsall). Online Safety Test (Denny Sondgeroth). Rough to Ready Class (Ron Haw). Safety Orientation Policy & Procedure (Denny Walton). Safety Orientation Presentation (Denny Walton). Safety Orientation Shop Tour Plan (Denny Walton). Shop Safety Inspections (Chuck Saunders and Charlie Turner). Safety Equipment Acquisition and Maintenance (Chuck Saunders, Mike McCauley and Mike Jones). Production Equipment Safety Feature Maintenance (Chuck Saunders). First Aid Supply Identification and Replenishment (Ron Haw). Safety Presentations at the General Meetings (Chris McCauley and Committee). Electrical System Safety (Charlie Turner). And these are just the changes. Ongoing coordination of Safety Orientation (Denny Walton), Safety Testing (Denny Sondgeroth) and Rough to Ready (Ron Haw) also take many hours each month.

The Committee meets monthly to make this all happen, but it's not without a lot



of time and energy spent between meetings that these safety-system elements came about and are continually enhanced.

I ask that when you run into any of the following current Safety Committee members, shake their hand for what they do continuously and tirelessly for your Guild, so that you can be assured that you're a member of one of the highest-quality, highest-membership and highest-safety hobbyist woodworking organizations in the Country.

Craig Arnold	Mike McCauley	Mark Stover
William Buchanan	Roland Mohler	Charlie Turner
Bob Edsall	Laura Provance	Denny Walton
Ron Haw	Chuck Saunders	
Mike Jones	Alex Scott	
Chris McCauley	Denny Sondgeroth	

Thanks for your Focus on Safety!

**John Sloss**  
**Director of Safety**



## MEMBER PROJECTS

Photos: Courtesy Neal Ray Shoger



Craftsman: Erwin Kurtz Project: Bowls Finish: Rattle Can Notes: Built using Ring Master lathe



Craftsman:  
Roger Thompson

Project:  
Giant Blue Heron

Materials:  
Old Fence Boards  
String

Finish:  
Water Color  
Latex Gel



Craftsman: Cliff Weiser

## NEW REVENUE SOURCE FOR THE GUILD!



If you are an Amazon shopper, you can help the Guild at no cost to you. the bonus that Amazon will donate a portion of the purchase price to the Guild. The Guild has registered for the program. The unique Guild link is:

<https://smile.amazon.com/ch/43-1615506>

amount the Guild receives each quarter.

Please pass the Guild link: <https://smile.amazon.com/ch/43-1615506> on to friends and family so we can maximize the donation.

If you want more detail on the program go to: [https://org.amazon.com/ref=smi\\_se\\_saas\\_org\\_org](https://org.amazon.com/ref=smi_se_saas_org_org).

Thanks for the help and start shopping.

**Gary Mielke**  
**Treasurer**

Amazon has a program called AmazonSmile. AmazonSmile is a simple automatic way to support your favorite charitable organization (The Guild). Every time you shop Amazon and use the Guild link you'll find the exact same prices, same selection and convenient shopping with

When shopping on Amazon, you use your same Amazon account, same checkout process, the only difference is the link. If you use the Guild's unique link Amazon will donate 0.5% of the purchase to a Guild account. Amazon will accumulate the amounts donated and make payments quarterly. I'll keep you informed on the

## IT'S NOTHING TO BE AFRAID OF

Did you know that there are about a dozen trash containers in the Guild shop? Obviously we toss our cutoffs into the containers that are near the tablesaws which means that they can get a bit heavy if they are not emptied soon enough. As a foreman, I empty them at the beginning of my shift, but I encourage everyone to keep an eye open and to dump one or two in the dumpster if you see them loading up. They are much easier to dump when they are not fully loaded. In fact, if you are obviously going to be making a bunch of heavy cutoffs, just plan on taking them out to the dumpster as part of the work. I suspect that is what you would do at home unless you let your spouse do the heavy lifting for you. It's a lot nicer workplace when we also consider how our actions may affect others in the shop and take action to work as a family. Thanks, Matt Nowak



## ANDREW CARR PRESENTS ANDREW'S INTERESTING VIDEOS AND LINKS FOR JUNE 2018

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](mailto:Library@kcwoodworkersguild.org)

Sometimes, when I'm just letting YouTube play random videos, I'll find a new channels to follow with ease. Sometimes, though, I'll just search for a topic and hit play. This month's topic -- Is sawhorses.

Building Sawhorses - Mattias Wandel

<https://www.youtube.com/watch?v=DtizUSUG4>

Runtime: 6 minutes

Three Legged Foldable Sawhorse - Built with Basic Tools - Pask Makes

<https://www.youtube.com/watch?v=PjJ72aMZsGo>

Runtime: 10 minutes

How to build saw horses with 2x4 - Andrew Allan Guitars

<https://www.youtube.com/watch?v=CPJ6DmT39PE>

Runtime: 6 minutes

Making Japanese Saw Horses

<https://www.youtube.com/watch?v=C5iyTmt-fNE>

Runtime: 14 minutes

How to make Sawhorses Episode 1 - Paul Sellers

<https://www.youtube.com/watch?v=Ultj5I1d7zw>

Runtime: 41 minutes

Diresta: Sawhorses - Jimmy Diresta

<https://www.youtube.com/watch?v=YYBcQgLMjK8>

Runtime: 7 minutes

Making a Folding Sawhorse - Steve Ramsey

[https://www.youtube.com/watch?v=glk1EIJ\\_Pxs](https://www.youtube.com/watch?v=glk1EIJ_Pxs)

Runtime: 7 minutes

These Are The Best Sawhorses Period! - Andy Rawls

<https://www.youtube.com/watch?v=NuO5HOJFA-c>

Runtime 14 minutes

And there are many many more at [https://www.youtube.com/results?search\\_query=sawhorse](https://www.youtube.com/results?search_query=sawhorse)

## MEMBER PROJECTS

Photos: Courtesy Neal Ray Shoger



Craftsman: John Tegeler Project: Piano Music Stand Materials: Baltic Birch Finish: Poly Urethane



Craftsman: Unknown  
Project: Office Chair restoration



Craftsman: Wayne Peterson Project: Table  
Material: Maple Finish: Arm R Seal

## FROM THE SHOP

Summertime and the living is easy, fish are jumping, and the cotton is high...As the weather warms up, our clothing changes to aid in our comfort. Your safety in the shop takes no holiday so remember to dress appropriately. Closed toe sturdy shoes, no sandals, flip-flops or barefeet are allowed. Avoid loose clothing that could get caught up in rotating machinery. At the same time beach wear is also not a good choice either.

Also with the hot weather comes the cool refreshing beverage. Be considerate of your fellow members that follow and don't leave condensation puddles in your wake (I can hear the refrain "Use a coaster"). And should the forces of nature shift and your drink spills, please clean up your mess (I finished my project with a Dr Pepper wash followed by polyurethane).

And now for something completely different; There is a scrap bin for the cutoffs from your project that you don't need but are too big to just throw away. And there is a trash can for the cutoffs too small to bother with. Please make more use of the trash can. Rarely does anybody need a 1/16" thick ripping off the edge of a 2x6 or that 3/4" strip of plywood, or that 8 inch long 1/4" square piece of cherry. I know it's cherry, but we can't keep everything.

Thanks, Chuck



## CNC SOFTWARE FOR HOME USE COURTESY OF THE KCWG

*This article is reprinted from the April, 2017,*

*Wood Words and contains software activation codes necessary to do your CNC setups on a remote computer.*

Vetric has always provided their products (Aspire, VCarve Pro) for free download in order to evaluate their product. The only limitation has been that you cannot save the toolpaths you create in order to run the CNC router. This has meant that while you can play with the software at home to actually make something, you would need to come into the shop and use the computer attached to the CNC Router and recreate your project. Heaven help you if someone else was already working on their project, not to mention the stares from those that got there after you. Well, good news. Vetric has recognized this issue that plagues the Makerspaces and has created a solution. VCarve Pro Makerspace Edition. The Guild has subscribed and installed this software at the shop.

Here's how it works: Download and install the latest version of VCarve Pro trial edition from the Vetric website ([www.vetric.com](http://www.vetric.com)). Select Trial Software from the Downloads Tab, I'll wait.....

Ok, under Help, click About VCarve Pro There is a button to add Makerspace ID and here it is: 39765-C03DE-2BCBC-C6F7B-4A3ED-1D84C-F02BD Type or copy/paste into the box and restart. Now you're ready to create something! When you have finished creating your project, save it to a thumb drive

***The link below will take you to the KCWG website where you can also locate the Vetric activation codes that are required. This link also provides additional information regarding the CNC Special Interest Group.***

***<http://kwoodworkersguild.org/special-interest-groups/cnc-sig/>***

and come to the Guild. Load your file onto the computer in the Library and, using the copy of VCarvePro on that machine, you can create the toolpaths that you then copy and put on the computer on the CNC. You have to make your toolpaths on the library computer as it has the correct version. Your VCarve file will not work on the CNC Router computer. Enjoy.

***Chuck Saunders  
Assets Director***



## JOIN US IN WELCOMING THESE NEW MEMBERS AND SPONSORS WHO JOINED THE GUILD IN MAY

First Name/Last Name	Home Town	Home Email	Membership level	Membership start
Nick Glascock	Columbia, MO	nbgwdb@gmail.com	Sawdust	5/9/2018
Steve Herndon	Olathe, KS	fsherndon@hotmail.com	WW+	5/14/2018
Lyal Hicks	Kansas City, MO	ls4216@sbcglobal.net	Sawdust	5/20/2018
<b>Tom Hogard (Tom the Sawyer)</b>	<b>Eudora, KS</b>	<b>tomthesawyer@gmail.com</b>	<b>Sponsor</b>	<b>5/10/2018</b>
Kevin Medina	Kansas City, MO	Kevinandrewmedina@gmail.com	Sawdust	5/3/2018
Ryan Mellies	Bonner Springs, KS	rcmellies@yahoo.com	Sawdust	5/18/2018
Michael Miedaner	Kansas City, MO	mike@michaeltreec.com	Regular	5/16/2018
Alex Parker	Kansas City, MO	alexparker233@gmail.com	WW+	5/30/2018
<b>Juveria Siddiqui (Phillips Safety)</b>	<b>Middlesex, NJ</b>	<b>jsiddiqui@phillips-safety.com</b>	<b>Sponsor</b>	<b>5/15/2018</b>
Rick Romero	Olathe, KS	rickrom31@gmail.com	Sawdust	5/23/2018
Lauren Wolff	Spring Hill, KS	lewolff02@yahoo.com	Sawdust	5/11/2018

## NEW GUILD SPONSOR PHILLIPS SAFETY PRODUCTS PARTNERS W/THE KANSAS CITY WOODWORKERS GUILD

We are pleased and excited to welcome Phillips Safety Products as a new sponsor of the guild. Phillips Safety Products is offering substantially discounted, quality safety glasses and other personal protection products to all guild members. Prescription

safety glasses, prescription bifocal safety glasses, nonprescription safety glasses and standard prescription eye ware are included in their offerings, plus many other items that may be of interest to you. Now in effect on all purchases is a full

25% discount on all member purchases. All that is necessary to receive your discount is to input the guild's custom discount code of **KCWG25** on their website checkout screen. Phillips Safety Products has three different websites that you may purchase products from:



[www.phillips-safety.com](http://www.phillips-safety.com)



[rx-safety.com](http://rx-safety.com)



[myeyewaretogo.com](http://myeyewaretogo.com)

Here is a brief description of the types of products on each site. Phillips-Safety.com: Manufactures Laser, Welding, Radiation and Glassworking safety products among others. RX-Safety mainly deals in prescription safety glasses. Myeyewear2go is the retail

branch for sunglasses, eyeglasses, prescription sunglasses etc. This site carries leading brands like Nike, Lacoste, Boss, etc, as well as their own in house products.

You may begin purchasing your prescription safety glasses and eye wear from any of these

websites effective immediately. There is no limit on the number of products that you purchase from these three sites or on the frequency that you make purchases. We look forward to your support of this new and valuable guild partner.

## JUNE MEETING PROGRAM: A LOOK AT CLASSICAL WINDSOR CHAIRS

The KCWG Meeting Program this month will feature Mike Whitney presenting 'A Look at Classical Windsor Chairs.' This will include a discussion on traditional chair makers' tools. The meeting is on Wednesday, June 20th.

Mike started woodworking in 1977 and gradually gained skills in making furniture. He enjoyed making period furniture for family and friends. In 2000 his brother challenged him to take a Windsor chair class at the Windsor Institute in Hampton, New Hampshire taught by Michael Dunbar where Mike became hooked. While there he was introduced to Windsor chair styles and the chair making tools that were available to chair makers from 1660 through 1820. Many of these tools seemed odd and out of place in the 21st century, but they provided a certain satisfaction not obtainable with modern electrical tools.

Over the course of the next fifteen years Mike returned to the Windsor Institute - taking a total of nine different classes and producing ten different chairs. Mike holds the dubious rank of Knight of the Royal Orders from the Windsor Institute. Had Michael Dunbar not retired and closed down the institute Mike would have taken additional classes. Mike now makes Windsor chairs for family and friends, and invites others to join him in making a chair.



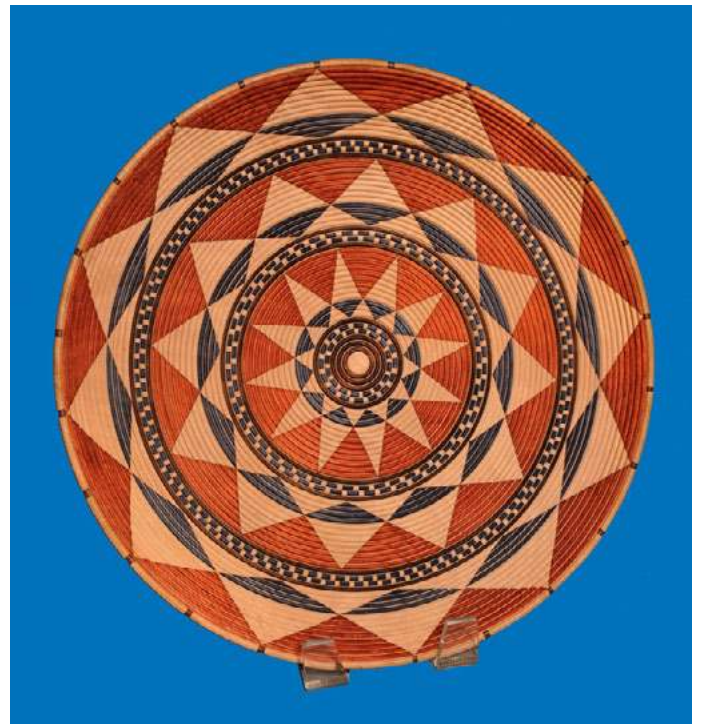
Interesting note: Mike was not trained as a woodworker, but was instead trained as an Accountant. He holds a bachelor's degree in accounting, an MBA with an emphasis in accounting, and a CPA designation. Mike was the Financial Controller for a local large distribution company until his retirement in 2008. Mike has been a member of the Kansas City Woodworkers Guild since 2016.

## MEMBER PROJECTS

Photos: Courtesy Neal Ray Shoger



Craftsman: Matt Nowak  
 Project: Solitary Bee House  
 Materials: Pine  
 Points of interest: Cavities for individual bees



Craftsman: Rick Bywater Project: 12 Point Star  
 Materials: Sycamore Finish: Matte

Craftsman: Roger Thompson Project: Wood & Cloth Weaving  
 Materials: Wood & Cloth Finish: Water Color & Gel Latex



Craftsman: Varney Project: Tree of Life  
 Materials: Veneer and Bubinga  
 Finish: Shellac





## CNC UPGRADE...IT'S NOT TOO LATE FOR YOU TO HELP OUT

Those of us that use the CNC are aware that it has become unreliable. The CNC SIG decided that the CNC needed an upgrade and that those that used the CNC will be asked to donate to the upgrade fund. During April the funds to start the upgrade were raised. At the last Sig meeting we finalized the upgrade. The upgrade will include:

1. Replacing the current router with a liquid cooled spindle. The spindle and cooler do not need to be purchased.
2. Purchase and install:
  - a. Smooth stepper board
  - b. Optical isolator (coupler)
  - c. Speed control board
  - d. Breakout board
  - e. Five-volt power supply
  - f. Relay to turn on pump that cools

- g. Proximity sensors
- h. Touch pad
- i. Table with T tracks
- j. Dust collection shoe
- k. Wiring, tubing and miscellaneous hardware to connect components
- l. Computer for the Mach3
- m. Remote USB hub
- n. Trackball
3. Operating instructions for the upgraded CNC

As you can see, this is a major upgrade. If you have not donated, there is still time. Donations are still being accepted. Donate by mailing a check to the Guild or bring the check or cash to the Guild. Any foreman will take your donation. Mention that it is for the CNC upgrade. If you want to use PayPal, send an email to [treasurer@](mailto:treasurer@kcwoodworkersguild.org)

[kcwoodworkersguild.org](http://kcwoodworkersguild.org) and include the amount you wish to donate. You will receive a PayPal invoice to make the donation.

The CNC upgrade is planned for the first two weeks in July. The CNC will not be available during the upgrade.

After the upgrade, project design and the creation of toolpaths will be done on the computers in the library. The toolpath will be copied to a flash drive and run on the CNC.

There will also be a required training before you use the upgraded CNC.

Details on progress and training will be made available as they are finalized.

**Gary Mielke**  
**Project Coordinator**



# FRANK PAXTON LUMBER COMPANY

1.888.826.5580

MAY 2018

## RADIATA PINE BOARDS



Frank Paxton Lumber is Now Stocking  
Select Radiata Pine Boards



Select Radiata Pine boards are manufactured and shipped from New Zealand. They are a finish grade, clear and free of wane and knots. In New Zealand, Radiata Pine is grown commercially in managed forest plantation. Please speak to your Paxton Sales Representative for more information on the quality features and benefits.

**\*\*Mention this ad to get special pricing on Select Radiata Pine Boards.**

# A NOVICE'S JOURNEY INTO FINE WOODWORKING

## A Novella by Mike McCauley

Since joining the Guild I've learned how to turn "firewood" into a keepsake box. How to safely and properly use a myriad of power tools. I've instructed rough to ready classes and become a foreman. Guess I'm an intermediate woodworker, I know more than a beginner, or so I thought.

The week of May 14-18 I took my first steps in hand tooling fine woodworking. Somewhat to my wife's chagrin I announced that I was taking Ben & Calvin Hobbs spice box class. I started purchasing and gathering fine woodworking tools, not Harbor Freight stuff. Since I had no idea what I was doing, I bugged Dave Kraatz to death for confirmation that what I was buying was what I needed.

Day 1- We met Ben and Calvin, both are humble as to their level of craftsmanship and expertise. We were given four beautiful pieces of walnut already cut to size. We were to choose which side of each board would be on the outside and use pen to plainly mark the outside, right, left, top, and bottom. A pen?! Not pencil? Oh, guess you really can't see pencil

mark on walnut? Oops!

Then we were taught to mark a knife line on our wood to match the depth of our top and bottom, we were admonished to NEVER cross that line! I managed the full depth mark, had a Marking Gauge I bought from Lie-Nielsen.

The dovetails I've hand cut previously were all the way through the board. Good, I purchased a Veritas fine Dovetail Saw... oh, we have to measure, mark, and cut with a bandsaw? Then finish the cut with a chisel? I can do this, I've used the bandsaw many times and I bought the Stanley Sweetheart chisel set, got this! Received them Saturday, have they been sharpened? They're brand new, don't they arrive sharp? Thanks Dave, for showing me how to do a quick honing.

Then we needed to mark another knife line, with my Marking Knife purchased from Woodcraft, to match the appropriate depth for half-blind dovetails. Ok, I've heard of a half-blind dovetail, but how can you cut only halfway through a board? Mark the pins, hand cut on a diagonal from the knife line



on the end grain to the knife line on the inside face, but they have to be square? Oh, I've cut a compound dovetail that won't fit together? But that's in the waste area so I can recover? Thanks for showing me how, whew!

So now we use the mortising drill to clean out the waste area, that doesn't sound too hard. Oh, we're back to that "Never cross the line" thing again? Then we chisel out the area the mortise couldn't cut or left in rough shape. This is becoming hard work.

So when you have everything perfect, hammer the pieces together. Oops, a gap. Take them back apart, clean the corners out better, and put them back together... good perfect! The gap where I

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accidentally crossed the line? Uh, that's on the bottom? Yes you're right, I'll still know it's there.

Good, got one corner done feeling kind of proud of myself... three more corners? Right, but we're out of time. Yes sir, a challenge for tomorrow.

Day 2 - Left the house by 6:15, stopping by Lowe's to pick up the Bosch 1/4" straight router bit we need for the class, Guild didn't have one. Ordered it on-line for quick pick up. Waited 20 minutes while they pulled my order. Excuse me, I'm in a hurry? Guess it's a good thing I got it, someone inadvertently left the two they got at Woodcraft at home. Not mentioning any names but it wasn't the senior Mr Hobbs.

Need to get your box fitted and assembled. Dry fit it together and... it didn't fit! Shoot, take apart, clean out corners, try again. Close but still needs work, still has a gap, try again. Third time's a charm, it fits, with a little help from clamping.

Ok, take it apart... What!? I just got it together and now I have to take it apart? Make a knife line for your shelf dados, and don't cross the

line. Hum, that admonition sounds familiar? Might not have done so well the first time but now I know what I'm doing. Oh, we're going to use a router to dado the shelves into the sides of our box and they have to be mirror perfect, and NEVER cross the line?

At least we got to use a guide board, cut to the specific size for each dado line, but don't let handheld router wiggle or stray. This time I used my iGauge Square bought on-line from Highland Woodworking, to make sure my guide boards were square and straight. Thank you Roya & Barb for providing light from your phones, as I guided the router, so I could see the line I need to cut to (but can't cross!). Ok, not too bad, managed to stay behind the line for almost all the dados.

Time for a demonstration on scraping & planing. Fine woodworkers don't sand the inside of cabinets they scrape them? What's wrong with sanding? That's right, we're learning the traditional way. Clean up your dados with a chisel, be sure to square the corners of your dado. When you finish scraping and using chisel you can glue up your cabinet.

Yea, something I actually know

how to do. Oops! There's an appropriate way to glue and it doesn't involve glue oozing all over your project? Oh no, now we need to fill gaps with walnut wedges, if wedge is too big, have to cut down with a chisel. What happened to creating wood filler with glue & sawdust? You're right, wedges will disappear using end grain. Yes sir, nothing like a good fitting dovetail joint... and mine are nothing like that.

Now on to making shelves. Must cut shelves exact to fit in dados, and cut a knife line to mark where we cut out the corners so the shelves can extend past our dado and dado can't be seen. So why did we spend all that time getting the dados perfect? Mark your shelf with your marking knife, not again? This time we must cut next to the line but, leave the line. Well at least I get to use my Veritas Saw, for a whole 1/4".

Now that your shelves fit tight, remove them and round the extending edge. Oh good, we get to use the router table. Oh, we need to use a block plane to round our edges? That should be a snap with my Lie-Nielsen 60-1/2 R Block Plane, after all Ben just demonstrated

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how easy it is. Let's see 30+ years of woodworking experience vs first time doing this. Wanna guess how quickly that worked out?

Ben & Calvin have an appointment and have to leave us early so here's what we need to do this afternoon; fit your shelves, round the leading edges, scrape the shelves, scrape & plane the outside of your box. Stand on your head, spin three times, while singing Dixie... well, maybe that last part wasn't really part of the instructions?

BTW open shop started at 2:00 pm, Dave left me as foreman until the scheduled foreman arrived at 2:00. Scheduled foreman was in Florida on his honeymoon, they never had a honeymoon so after 5 years decided it was time, sounds cool. About 1:45 members started flooding in and at 2:00 there was no foreman substitute.

I'm in class trying to get caught up on a project I'm behind on and I'm paying to take this class! Sure I'll be glad to help you, I'm the foreman (sounding rather like Eeyore).

So finally got mostly caught up after everyone went home. Long day today, early

day tomorrow. Thought I retired? Better go back to work, had better hours.

Day 3 - Arrived extra early so I could get caught up from yesterday, Don & Wayne Peterson walked in right behind me.

Started the day by scraping the shelves, even the underside! Yes you are right, I'll know if it wasn't done so better do it correctly. This scraper doesn't work! Oh, it's not the scraper it's the operator?!

Scraping shelves completed, now on to the outside of the box. Darn scraper isn't working again, hum seems to work for the instructors, it just doesn't like me. (pouty face)

Everyone called together for instruction on how to build feet for the spice box. Miter front feet, glue together using tape as clamp (new idea for Ben, thanks Erwin), drill hole with Fostner bit, draw around template aligning with hole, and cut out on bandsaw. The back feet need to have blind dovetails? Oh No, not that again. At least I know what I'm supposed to do. Could the back feet be mitered like the front feet? Oh, it's a tradition thing. Got it!

Everyone's scurrying to get

started on feet but I've got to finish scraping. Thumbs on handle face, fingers around handles, push going with the wood grain, powerful strokes, "skips and digs into surface"... this thing hates me! Expletives deleted. Instructions on how to use scraper given again, HEY it worked. Thank you! So NOW you tell me that it's the hard grain, beautiful swirling pattern in the wood that's been giving me fits? Still think the scraper doesn't like me... grumble under my breath. Checked clock, it's ONLY 9:30? Clock must have stopped it's got to be at least late afternoon!

Palm Router with V-bit to cut V in 1st & 2nd shelves for drawer dividers. My hand won't fit in space to make marks, thanks Barb. Her hands are smaller. Knife marked appropriate shelves, used proper wooden placement guides, cut dados and didn't mess up. So this is how it feels when you get it right?

Lunch time, Subway sandwiches. Back to work.

Finally have everything scraped, flurry of activity involving feet has died down as everyone is working on assorted phases of case construction. Where is the

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wood for the feet? It's all gone? No sir, I didn't get mine when everyone else did, I was trying to get everything scraped. Uh oh, sorry Calvin that you have to cut another set just for me. Man, I'm going to owe him so many favors, I may be in his debt for awhile. Wonder if this is how indentured servitude started?

mitered front feet, I teach that type of joint in the R2R class all the time. While that's drying I've got to make these half-blind dovetails for the back feet. Ok, first cut tails... overheard someone say they taped their wood pieces together to cut both dovetail pieces at the same time on the bandsaw, good idea. Gee this works, finally got something right.

marking gauge on end of piece and down the face the depth of the tails, cut diagonally using dovetail saw, NOT CROSSING THE LINE... put blue tape on line so I could be sure I saw it. Yeah, made my cut without crossing the line. Success at last, everything that I've been taught is coming together, until I over cleaned the pins. Awe Shucks! Half-blind dovetail joints are loose.

Ok, quickly glued up the Now mark line with my

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Cleaned out corners, didn't cross the lines but joints are still sloppy, dawg gone it. Glued them up and placed in clamps, while they are drying I'll get the front feet cut. Hole with Fostner bit, outline pattern aligning around hole, bandsaws are all busy.

Class, we have to get shelves in place today and cut dividers, to place in V-cuts. Shelves too long, need to cut down, marked shelves, double checked before cutting, glued shelves in place. I already had the wood from my 5th shelf piece from day two. Crosscut saw-stop table saw with sled set-up and no one's around, here's my chance. Carefully measure the between shelf openings, marked them with a pen, and presto I'm actually one of the first this time!

Got to the saw-stop over by the CNC room and I'm number two. Erwin was already there but he had spent a good deal of time setting that saw for a precise 45° bevel cut. 45° bevel on both sides of the wooden divider makes a 90°-V, which fits into the V-cut made in the shelf with the router... but it's nerve racking.

Pass one, nope it's too wide to fit between shelves 1 & 2,

move wood 1/32" cut again, still too wide, cut again. Move wood 1/32" cut again, still too wide. Know what they say, the 7th time is the charm. On to the divider between shelves 2 & 3. That was 6th time was the charm. Oh My Gosh my 1/4" divider so carefully cut now has a curve and doesn't fit perfectly!

Out of wood, out of time, and haven't cut my feet on bandsaw yet. Class it's time to stop for the day and help set-up for the general meeting. Ah Heck! So close, but at the end of the day I'm still behind. Guess it will be another very early day tomorrow.

Day 4 - Arrived at the Guild early and had 3 others there already, because everyone's so excited? Think it's more everyone feels like they're behind.

I cut a new divider for 2nd & 3rd shelf, the other one was really crooked. Wayne let me use his shooting plane to make minor adjustments to my shelf dividers, Wow, that is slick! I've got to get me one if those, it cost how much??? I'm pretty sure I've paid less than that for a used car.

Let's see, I got my glue ups done and my feet (legs) cut out. Oh doggy do do, I've cut

2 left feet, must have been while I was sleepwalking. Geez, now I've got to cut the wood, joint the wood, plane the board, make two more sets of blind dovetails, re-drill holes, and cut new profiles. And I was almost caught up, oh heck!

Forget about that right now, we'll help you later, right now we've got to talk about mounting the feet... but I don't have all four feet. We've got to make an apron to extend out 7/16" past the bottom of our case. It needs to be mitered and perfect because the joint will show... right no pressure at all. Ben thinks I can do something perfect?

Before you attach the apron you've got to plane & scrape the face edge of your box. One of my favorite things to do... I'm gonna have to make friends with that darn scraper, (sigh).

Lunch time. What the heck happened to the morning? Yesterday it took forever to get to noon, guess today is trying to make up for that, geez!

I've still got to create new back feet, uh any help? Guess not, everyone's busy either catching up or trying to keep

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up with instructions. On to building new feet. Wood is not as thick as original set so have to adjust for size. Ok got tails cut on bandsaw, that tape together trick again. These pins are a little trickier but actually seems to be getting easier to create... nothing like practice!

While I'm cleaning out the half-blind dovetails, Cal has cut and is distributing wood for the drawers. "Wrong pieces, give them all back and I'll get everything straightened out."

Meanwhile Ben is instructing on how to size and fit the drawer faces, and I'm still cleaning out my half-blind dovetail joints. Kerry lent me his Lie-Nielsen special dovetail chisel, it works great. Found out Erwin had to recreate some feet also. I'm not feeling quite so bad now, if he can mess up maybe there's hope for me.

Guess I haven't said much about our class. Ben & Calvin Hobbs are our instructors. Ben has been an award winning woodworker for over 30 years and is Calvin's father.

Calvin is the Guilds Vice President and grew up under Ben's tutelage and he is an

amazing woodcarver in his own right.

Dave Kraatz is our class mentor, foreman, and lunch lady. Dave is a wealth of knowledge and will offer help if asked.

Erwin is one of the Guilds founders but now lives in Arizona.

Wayne is the Guilds membership director and does gorgeous inlay work.

Don is Wayne's brother from Minneapolis, what one doesn't know the other one does and they'll help anyone, especially me.

Roya is the Guilds new communications director, holds a Masters Degree in traditional arts and became interested in woodworking when she studied traditional woodworking for her masters thesis, she's a sweetheart.

Barb is also a real sweetheart, has taken several guild classes, is ready and willing to help anyone and is fast becoming a wonderful woodworker.

Kerry has a sea chest full of tools, to rival Norm Abrams, and knows how to use them all.

Tom takes his project home every night, I think he might have elves in his home workshop, he is always caught up.

Paul retired early from Hallmark, has some rental property to keep him busy,

but really likes woodworking. Robert is a retired architect, and makes great technical drawings, tries hard, gives his best efforts and loves to experience life.

And then there's me, a retired idiot that continually falls behind and can never quite get to the level he should be, but trying to get better.

Yep a rather friendly eclectic group that has a joy of learning new techniques and getting better at woodworking, especially dovetails. Most of all we're having FUN!

For the remainder of the day everyone was busy getting to the point in construction with which they felt comfortable, before heading home for the day. I'm sticking around to be an instructor assistant for the basic woodworking class. But overall, I'm still behind.

Day 5 - Arrived early and so has almost everyone else, I think the entire class was in high gear before our scheduled start time.

I remade my feet last evening so I've got to get them glued on. The "Peterson boys," as they've become affectionately known, offer assistance after I asked them about proper alignment and placement. Uh

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oh, what do you mean they're not ready? A ridge, a hump, and a dip? I hadn't even noticed, but they showed me how to even out and smooth everything properly with my Lie-Nielsen plane. Hey this isn't so bad, just a few strokes on each foot had them ready before start time. Ok so now to get them glued in place.

Ben and Cal have arrived. Cal dives into creating drawer bottom pieces from freshly purchased lumber. Meanwhile, Ben buzzes around to each participant, like a bee to flowers, and checks on their progress. Arriving at me he cheerfully says "How ya doing?" I explain that I'm about ready to attach my feet. I cringe as he looks them over briefly, reminds me exactly how to attach them, says I'm doing a good job.

But do you have your drawer fronts fitted? No, not yet. We'll get to the feet later, right now you've got to get your drawer fronts ready. Several others are working on their drawer fronts so I've basically caught up, whew! Took my box and drawer fronts to the rip saw and carefully whittled each one 1/32" or 1/64" until each piece fit snugly. That didn't take too long.

Class we need to talk about making our drawers. Since we gave you your box sides, they are all the same. Ben started measuring, allowing for the dovetails, utilizing his ten years of teaching math skills, writing it all down on a pad and voila' our drawers should be 5-11/16"... personally, as he was explaining it I'm thinking super computer time.

Look at your drawer pieces, rip each one to the appropriate size, cut your drawer sides, blind dovetail into the front, full dovetail the back, make sure to leave a 1/4" to rabbet the bottom into place. Gosh, I actually understood what he's talking about. A week ago it would have all been Greek.

Dado table was set to rabbet the walnut. A cross-cut sled was set for the 5-11/16", so the only challenge was ripping the sides & back of the drawer width and heights. Class, construction is all the same just try to get one drawer done, you can do the rest later.

Lunch is here. What? Wait, who sped up the clock? There has got to be a time warp in the guild space... because I keep loosing time. Geez! After lunch back to trying to cut half-blind dovetails.

Class let's talk about our door. It's a "simple" mortise & tenon construction with a headstone radius. We'll need to mark the length with the inside of your box, then come up 3/8" to start your mortise and from the top come down 5/8" allowing for the radius... I think he's slipped back to teaching College preparatory math again... y'all know what I mean? Most are nodding their heads in approval, I'm rather bewildered.

Choose your pieces and let's get to work. They've set up the router tables with groove & profile bits. "Writing up" on this one, "writing down" on that one. Good, I can do this. I understand up and down.

Back at my box I'm trying to figure out what Ben was talking about when Cal asked if I was doing ok? Explaining I was lost, he carefully and patiently explains it all and draws it out on a scrap board. I'm a visual learner, now I understand. But think I've made my way back to indentured servitude.

We are rapidly running out of time, so Ben is showing how to cut our tenons using the table saw. Then he offers to cut tenons for everyone. The man was a machine, he was

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truly amazing to watch and everything came out perfect.

Ben was setting up the mortise machine, just the night before during the class I was assisting with, we had been admonished to be certain that the bit extended sufficiently past the chisel. I actually had the gall to say something and then one of my classmates eloquently reminded me that he is the expert. Also all mortise machines are basically the same so he knows what he is doing. OMG what was I thinking to even consider questioning a man for whom

I have nothing but admiration and respect? I can only claim sleep deprivation as a lame excuse and beg forgiveness.

Class let's talk about hardware. Ben showed us the type and size of drawer pulls to get and where to purchase them. He had included extruded brass hinges and a lock for each of us in the class costs.

What an amazing week!!! I've made eleven new friends, learned how to use the tools I had purchased, learned about chest construction, and gained some humility.

I'm still a novice hand tool woodworker, however I've gained quite a bit of knowledge this amazing week.. I've got a long way to go but, thanks to Ben and Calvin Hobbs and the Spice Box class participants, I've got a good start. I need more practice, but I think I'll get that practice as I complete my project.

Sometimes Guild classes might seem pricey, but they really are a bargain, you always get more than your monies worth.

Thanks,  
**Mike McCauley**

## WHAT THE?...IT'S ALL ABOUT WELDING?



**T**he PowerTool SIG has been scheduled for July 15th at 3:00pm and... It's time for our Biennial

Welding Program!

It's not woodworking, but not a lot of our powertools are made of wood. And sometimes metal finds it's way into woodworking (ask a sawyer). This program provides an introductory coverage of the welding processes and after all the talk we have the different welders set up so you can try your hand at hot gluing steel together.

The Gracious Mr. Tim Locke, has again offered to host the program at his shop in an effort to not burn the Guild shop down. **The**

*Tim Locke adds the following comment, "If you have your own **welding hood, please bring it with you.** The Locke Shop does have a supply if your don't have your own already. **Safety glasses are required** just like the Guild shop. And **leather gloves are recommended** as they help to reduce the extreme burning pain where hot cinders will and do land."*

**meeting will take place at**

**Locke Equipment Company  
15705 US-169, Olathe, KS  
66062.** Enter at the loading doors.

First lesson of the program, Wear appropriate clothing. To avoid taking home souvenirs, please wear closed toe shoes, Leather is better than canvas. Long pants also a good idea.

Guild SIG meetings are open to all Guild members. I welcome and encourage you to come out.

Thanks,  
**Chuck Saunders**  
**Power Tool Sig Coordinator**

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# KCWG - OPEN SHOP SCHEDULE FOR JUNE 2018

Date	9am	10	11	12	1	2	3	4	5	6	7	8	9pm
Friday June 1										Andrew Carr			
Saturday June 2	Mike Jones							George Rexroad					
Sunday June 3		Chuck Saunders					Chris McCauley Powertool SIG						
Monday June 4						Ron Haw				Gary Strohm			
Tuesday June 5	Gary Creek			Craig Arnold							Kara Paris		
Wednesday June 6	Roger Bartlett									LC Meeting			
Thursday June 7	Gary Mielke									Basic Woodworking			
Friday June 8										Dave Kraatz			
Saturday June 9	Dave Kraatz												
Sunday June 10		Rob Young						Mark Waugh					
Monday June 11					Ron Haw					Woodturners General Meeting			
Tuesday June 12	Matt Nowak			Ron Lomax			Craig Arnold			Roland Mohler			
Wednesday June 13	Bob Caldwell									Scrollsaw SIG			
Thursday June 14	Gary Mielke									Training Day			
Friday June 15										Brad Swaters			
Saturday June 16	Bill Lintner						George Rexroad Safety Orientation						
Sunday June 17		Chuck Saunders						Chris McCauley					
Monday June 18						Ron Haw				Gary Strohm Precision Box Construction			
Tuesday June 19	Gary Creek			Craig Arnold									
Wednesday June 20	Roger Bartlett									General Meeting			
Thursday June 21	Gary Mielke									Training Day			
Friday June 22										Dave Kraatz			
Saturday June 23	Dave Kraatz												
Sunday June 24		Rob Young					Handtool SIG	Wayne Peterson					
Monday June 25						Ron Haw				Precision Box Construction			
Tuesday June 26	Matt Nowak			Ron Lomax			Craig Arnold			Roland Mohler Carving SIG			
Wednesday June 27	Bob Caldwell										CNC SIG		
Thursday June 28	Gary Mielke									Basic Woodworking			
Friday June 29										Andrew Carr			
Saturday June 30	Mike Jones												

# KCWG TENTATIVE - JULY OPEN SHOP SCHEDULE

day	July	Date	9am	10	11	12	1	2	3	4	5	6	7	8	9pm
Sunday	July	1		Chuck Saunders					Chris McCauley						
			Shop Workbench												
Monday	July	2						Ron Haw				Gary Strohm			
												Precision Box Construction			
Tuesday	July	3	Gary Creek			Craig Arnold							Kara Paris		
Wednesday	July	4	Roger Bartlett									LC Meeting			
Thursday	July	5	Gary Mielke									Basic Woodworking			
Friday	July	6										Andrew Carr			
Saturday	July	7	Mike Jones							George Rexroad					
								Basic Skills Class							
Sunday	July	8		Rob Young						Mark Waugh					
Monday	July	9					Ron Haw					Woodturners General Meeting			
Tuesday	July	10	Matt Nowak			Ron Lomax			Craig Arnold			Roland Mohler			
Wednesday	July	11	Bob Caldwell									Scrollsaw SIG			
Thursday	July	12	Gary Mielke									Basic Woodworking			
Friday	July	13										Dave Kraatz			
Saturday	July	14	Dave Kraatz												
Sunday	July	15		Chuck Saunders						Chris McCauley					
							Knife Class								
Monday	July	16						Ron Haw				Gary Strohm			
												Precision Box Construction			
Tuesday	July	17	Gary Creek			Craig Arnold									
Wednesday	July	18	Roger Bartlett									General Meeting			
Thursday	July	19	Gary Mielke									Training Day			
Friday	July	20										Brad Swaters			
Saturday	July	21	Bill Lintner							George Rexroad					
										Safety Orientation					
Sunday	July	22		Rob Young					Handtool SIG	Wayne Peterson					
									Safety Orientation						
Monday	July	23						Ron Haw							
												Precision Box Construction			
Tuesday	July	24	Matt Nowak			Ron Lomax			Craig Arnold			Roland Mohler			
												Carving SIG			
Wednesday	July	25	Bob Caldwell												
												CNC SIG			
Thursday	July	26	Gary Mielke									Basic Woodworking			
Friday	July	27										Dave Kraatz			
Saturday	July	28	Dave Kraatz												
Sunday	July	29		Rob Young						Chris McCauley					
Monday	July	30						Ron Haw							
Tuesday	July	31	Gary Creek			Craig Arnold									
												Precision Box Construction			



**The Next General Membership Meeting will be on June 20, 2018 at 7:00pm**

**LEADERSHIP COMMITTEE MEMBERS**

President:..... Craig Arnold ..... [president@kcwoodworkersguild.org](mailto:president@kcwoodworkersguild.org)  
 Vice-President:..... Cal Hobbs ..... [vicepresident@kcwoodworkersguild.org](mailto:vicepresident@kcwoodworkersguild.org)  
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**Visit the Kansas City Woodworkers Guild at 3189 Mercier Street Kansas City, Missouri**

