

This month's presentation is by Monica and Miranda Farris from Farris Belt & Saw.

Farris Belt & Saw was started in 1942 and remains a family-run business to this day. They offer sharpening for circular saw blades, profile knives and router bits and offer custom profile moulding knives. If you can draw it or bring in an example of the profile you want, they can manufacture it. They will make and give you the profile template for the knife and can sharpen them for you too.



They also do custom custom welding of bandsaw blades from 3/16" to 2 5/8" and offer blades that can cut plastic, metal and wood. Normal bandsaw blade thickness ranges from 0.025 to 0.035 inches, but they offer bandsaw blades as thin as 0.014 inches.

They also offer a wide variety of abrasives for any type of hand, portable or stationary sanding needs. Farris also can make custom belts for older machines.

They also sell Mirka sanders. This is an electric full random orbital hand sander that runs like an air sander, but is electric. Speeds range from 200-1400 RPM and can use various types of sandpaper. Mirka also has a sandpaper that is dust free and more aggressive than normal sandpaper. A 180 grit sands like a 120 grit.

Farris also offers a wide variety Whiteside router bits as well as a full line of Freud saw blades and router bits. If they don't have what you are looking for in stock, they can have it the next day.

They can also sharpen router bits, but do not sharpen 1/4" spiral router bits. You will get just as good a cut on a sharpened bit, but only about 1/2 of the life of a new bit.



Volume 36
May 2016

Membership
134

Raffle Prizes

Quick connect drill set - Scott Lansing

Klingspor 5 lb. box of sandpaper - Jim Barnes

Ryobi reconditioned detail sander - Joe Hattaway

Irwin 3 piece chisel set - Mark Boyer

Irwin 2" Handy clamps - Sid Rauch

Cabinet router bit - Thomas Empie

The CWA raffle could benefit from your donation. If you have any tools (old or new) or shop supplies you would like to donate to be raffled, please bring them to the meeting.

Turn around time is about a week. Farris also carries backing pads for random orbital sanders. While you are there, check out the box in the lobby that has free samples of sandpaper. If it is in the box, it is free for the taking.

Farris is very proud of their company and employees and have been known to give guided tours of the facility and explain their process and the variety of products that they manufacture and offer. They also have an industrial truck that does a route every week. They will pick-up any products that need to be resharpened and return them the following week.

Farris Belt & Saw is open M-F from 8:00 to 5:00 PM and are closed on weekends, but if you see a car in the driveway ... bang on the door! They also have a website (www.farrisbelt.com).

Safety Talk

A small piece of wood is more challenging than a long board. The smaller pieces are the ones that can get jammed in power tools. The more teeth you have on your blade, the lesser chance it has of getting grabbed by the blade. Remember ... anytime you can take your hands out of the picture - do it!



Wood Identification

There were no winners this month. This month's wood was Hornbeam, also known as *Carpinus Caroliniana*, Blue Beach and Musclewood. Hornbeam has a Janka of 1780 and an average dry weight of 49 lb/cubic ft. It is an east coast wood, found everywhere except for Florida. Hornbeam finishes well with natural and clear finishes. It is difficult to work, but is great for turning due to the tight grain. It is great for mallets and tool handles; in fact Lee Neilson uses it for all of their tool handles. It is a fairly small tree, usually around 30-40 feet tall and about 12" in diameter. It is not very toxic or very smelly.

IWF:

Will be held August 24th-27th in Atlanta at The World Congress Center. It is the largest woodworking trade show in the U.S. On even years, it is held in Atlanta. Odd years it is held in Las Vegas.

This is a closed trade show and only people in companies get to go. Hobbist can get in on Saturday. CWA will be able to get in for the entire show. If you are planning to attend, remember that the hotels will be sold out by July. Best option is to get a 3-day MARTA pass and stay outside of Atlanta.

You can register on the web, but register as a member of our club.

SHOW & TELL



Jim Slomba - Dulcimer made from sitka spruce and rosewood fret board.
Finished with shellac.
(From the Dulcimer Learn & Build class)



Robert Flannigan - Ring Box made from walnut with maple splines. Finished with boiled linseed oil with wipe on General top coat. The lid is laser etched. Black stain was used to make the letters stand out.

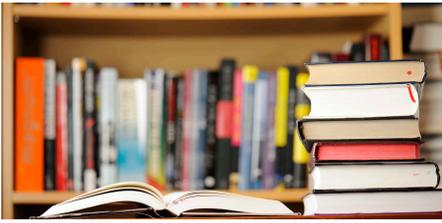


Mike Katsos - Turned popular natural edge bowl and Bishop chess piece turned from cherry.



Bob Molby, Jaye Peterman and Fred Miller worked with JPM's Jim Emery and a contractor & son to build the houses at the request of the company which provided the gravel and aggregate for the roadways at the Summit Bechtel Reserve scout camp in Glen Jean, WV. Amazingly, we built 36 bluebird houses in two and a half hours!





"The Library Shelf"

DVD Review

David Charlesworth Hand Tool Techniques Part 2: Hand Planing

Written by Wayne L. Manahan

Reviewed by John Seaman

This DVD is the second in a series of 3 DVDs that David Charlesworth has published on techniques related to sharpening and using hand planes.

In this video, David Charlesworth explains how the hand plane works. He demonstrates the role that the flat sole of the plane plays in creating a flat surface or edge. While showing us how to plane an edge that has just a slight hollow over its length he shows both how flat the sole of the plane is and explaining the reason you'd want a surface that would be glued to another part to have this slightly hollow characteristic as it allows you to produce a tight joint that clamps up without a gap.

In another section of the video, David shows how he uses the cambered (rounded) edge of the plane blade to remove small discrepancies in an edge to make it perfectly square to the side of the stock being prepared. Seeing this shown with line drawings as well as in actual practice as the edge is planed square makes the process completely clear and lets you add this technique to your set of hand tool skills.

Then David demonstrates checking for twist or "wind" in the surface of a board using winding sticks, tells you how to set the winding sticks, where to stand while viewing them to get the best results, and then demonstrates in detail how to remove any winding error that exists.

When it comes to marking gauges, David Charlesworth has strong opinions. He has good reasons for his opinions and he shares these reasons with us. His recommended solution to the person buying a marking gauge is to buy a used one of the proper design and tuning it up to perform the way you need it to. If you're inexperienced with using tools, it would be wise to get assistance with this tune up process.

Watching David handle the marking gauge, which he's essentially converted to a cutting gauge of sorts, is enlightening. You get a sense for how to do this work, how hard you need to press and push the gauge to create the marked lines that are so critical to all of the steps that follow as you're preparing material for your project. Using the marked thickness lines which were reference off the face side of the board, you learn how to plane a piece of stock to the desired thickness, with tips on how to achieve a perfectly thickened component that's ready for use in the project you're making.

One of the best things about this video is that you can see and HEAR everything that's being done, what the sound is like when you push a properly sharpened hand plane along a section of stock in the direction of the grain. After the piece is brought to thickness, David then measures the thickness of the stock using a dial caliper and the results are enviable.

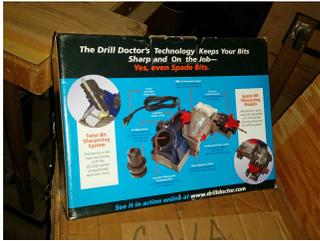
The DVD also covers planing end grain with a block plane that's also configured with a cambered blade. As we've come to expect, technique with the block plane is clearly demonstrated and the sounds of the material being shaved give you a good idea of what can be done with a sharp blade and the correct approach to using these tools.

David shows how to recognize and correct slight errors that you can have in your first attempt to produce a cleanly planed section of end grain that is square to both the face side and the face edge. These corrections are made taking full advantage of the cambered blade on the plane to selectively remove minute amounts of excess wood.

This is by no means all that you'll find while viewing this DVD. There are many more tips offered here to anyone even remotely interested in learning how to use hand planes efficiently and effectively. I highly recommend this DVD – **number 2047 in our video library!**

OTHER CLUB NEWS

Did you know that the club has items that you can rent instead of buying?



Drill Doctor for sharpening regular and spade bits



Magnetic Planer Knife Setting Jig



Work Sharp 3000 (you will need to supply your own sandpaper)

Each item rents for \$5.00 a month - see any board member if you are interested.



CWA Google

Groups

Communicate with other CWA colleagues on Google

With a single email you can let others know what's happening, share some information or get an answer to a question.

Note: You Can Join This Group on Your Own!

To join:

- Create a Google account, if necessary (requires name, email and password).
- Please save your password in a secure place for future use.
- Paste the entire line below in your web browser's address bar
- <http://groups.google.com/group/charlotte-woodworkers>
- "Sign in" Click the link "Join this Group" (on the right).
- Once "signed in" select the radio button "Email" at the bottom and enter a nickname.
- Send an email out to the group to introduce yourself!
- Use "charlotte woodworkers@googlegroups.com" as the "send to" in an email to send a communication to all members of the group.

Find CWA Online @



<http://www.charlottewoodworkers.org/>



<https://www.facebook.com/pages/Charlotte-Woodworkers/244821488888300>



<https://groups.google.com/forum/?hl=en#!forum/charlotte-woodworkers>

Help Wanted

Safety Waivers:
Must be filled out and on file for all CWA Members!
You can download the waiver on our web site, scan it and e-mail to John Bregan at jrnurse2005@yahoo.com.
We also have blank ones available at the monthly meeting.

Monroe CWA Satellite Location
Fully heated and Air conditioned

Club Clothing

- New way to order clothes
- We will offer the catalog on line.
- We will try to get the catalog posted on the web site soon.
- A blank order form will also be on the site.
- This should help us get enough pieces together to place an order

Library

- We have thousands of dollars worth of material in our library.
- A great resource for only \$1/month

Registration - Look at the CWA website to register interest and sign up for the projects; as information details appear on the website.

<http://www.charlottewoodworkers.org/>

From John Bregan:

As an benefit of my company, you can access to a nurse advice line. There is no charge, no one will try to sell you anything or place you on a mailing list.

To use the service, call 210-595-2273. The company is Carenet Healthcare Services. Tell them you are a friend of mine (I am a Care Advisor).



**NEWSLETTER
PICTURES AND NOTES:**
Thank you Pete Stoffel, who takes notes.



Currently Bill Blackett will be organizing club membership shop tours.

The goal is to have shop tours scheduled in the same geographic area to reduce distances traveled between shops and permit adequate time to tour several shops in a day.

To put your shop on the shop tour list, contact Bill at: billblackett@yahoo.com

Note: Shop tours are for active CWA members only—no guests

CWA MEETING PRESENTATIONS

All members are asked to keep an eye out for anyone that might make be a suitable program presenter for our CWA club meetings. Who knows, it might even be you!

Recent presentations have included:

- Spoon Carving
- Fitting a Drawer
- Power Carving
- Bandsaw Boxes
- Hide Glue
- Tuning up a Wide Board
- Workbenches
- Intarsia Lidded Wood Boxes
- Turning a Peppermill
- Using SketchUp
- Log Cabin Building
- Cutting Ogee Style Feet on a Bandsaw
- Building a Mantle Clock
- Tools and Changes in the Industry
- Workshop Design
- Dust Collection 101
- Saw Blades 101, Freud Blades and Router Bits
- "Easy Wood Tools" for Woodturning
- Small Shops
- Finishing
- Product Development Presentation (by Stanley Black & Decker)
- Thomas Day Furniture Presentation
- Tool Sharpening
- Marquetry
- Wooden Flute Making
- Spoke Shavers
- All About Wood
- Inlay Stringing
- Fixing Your Mistakes (Parts 1 and 2)
- Cutting and Drying Lumber
- Making Banding Inlay
- Jigs & Fixtures
- Chairs
- Mortise & Tenons
- Project Planning

Monday Night Open JPM Shop Use

Any current CWA member who would like to use the shop is welcome to do so. CWA members are there on Monday nights at 5:30 pm if you need any advice or assistance with a project.

Ensure you have completed the CWA 'waiver form' before you use any of the tools and equipment and follow the "Shop Foreman's" directions and safety procedures.

Please share your woodworking knowledge, interesting experiences and/or a useful tip with your CWA colleagues by writing an article for the CWA Newsletter.

Send your article to:
jrnurse2005@yahoo.com

If you know of someone with a woodworking skill that would be of interest to CWA members, please contact Jim Slomba at: jmslomba@gmail.com.

CWA FRIENDS AND SPONSORS

Please thank them every time you use their services.

Woodcraft

1725 Windsor Square Drive
Matthews, NC 28105
(704) 847-8300
[Charlotte Store](#)

West Penn Hardwoods

1405 Deborah Herman Road
Conover, NC 28613
828-322-2265
www.westpennhardwoods.com

Klingspor's Woodworking Shop

www.woodworkingshop.com
800-288-0000

Irwin Tools

<http://www.irwin.com/>

Farris Belt & Saw

235 Foster Ave.
Charlotte, NC 28203
www.farrisbelt.com
704-527-6166
Complete sharpening services and abrasives

Horizon Forest Products

Greenville, S.C.
<http://www.horizonforest.com/>
Local Charlotte Salesman Chad Mitchell, 704-401-6426

The Woodworking Source

184 Azalea Road
 Mooresville, NC
<http://www.thewoodworkingsource.com>
Phone: 704-662-9663

Whiteside Machine Company

4506 Shook Road
Claremont, NC
<http://www.whitesiderouterbits.com>
Phone: 828-459-2141

Direct Tools Factory Outlet

5648 E. Independence Blvd. Suite E
Charlotte, NC 28212
704-537-2002

Woodworking Suppliers & Resources

Below is a list of various "local area" businesses that sell woodworking supplies that CWA members have used.

- **A&M**
3300 Woodpark Blvd
Charlotte, NC 282056
704-598-7272
- **Advantage Trim & Lumber**
2520 Blacksburg Rd
Grover, NC 28073
704-471-9991
- **Asheville Hardware**
10 Buxton Ave
Asheville, NC 28801
828-252-8088
sales@ashevillehardware.com
- **Blume Supply**
3316 South Blvd
Charlotte, NC 28209
704-523-7811
- **Buddy Aultman (CWA Member)**
www.aultmansawmill.com
704-242-4849
- **Hardwood Store**
106 V East Railroad Ave
Gibsonville, NC 27249
336-449-9627
- **Klingspor Abrasives, Inc**
2555 Tate Blvd SE
Hickory, NC 28602
800-645-5555
- **Queen City Lumber**
2501 Weddington Ave
Charlotte, NC 28204
704-333-3939
- **The Sawmill (Kyle Edwards)**
5048 Reinhardt Cir
Iron Station, NC 28080
704-258-8985
- **Steve Wall Lumber Co.**
PO Box 287
Mayodan, NC 27027
800-633-4062
woodsales@walllumber.com
- **TCI Supply**
1442 Castle Court
Gastonia, NC 28052
704-917-0490
- **West Penn Hardwoods**
1405 Deborah Herman Road
Conover, NC 28613
828-322-9663
Open: M-F 8 a.m. - 5 p.m.
Saturday: 9 a.m. - 1 p.m.
- **Woodcraft**
1725 Windsor Square Drive
Matthews, NC 28105
704-847-8300
- **Woodworking Source**
184 Azalea Rd.
Mooresville, NC 28115
704-662-9663
- **Wurth Wood Group**
4250 Golf Acres Dr
Charlotte, NC 28208
704-394-9479
[From Woodworkers Supply concerning Club Discount Procedures](#)
Please also note that any members who are also a "for profit" business should let us know this and supply their business name & type.
The quickest, most efficient way to get them all setup is if they will do the following:
 1. Those who are NOT new to Woodworker's Supply & have received catalogs from us in the past should contact me for setup so I can make sure we don't inadvertently create a dupli-cate customer file. It's not the end of the world if we do but I can convert folks over much more easily than they can them-selves.
 2. Those who are NEW to Woodworker's Supply can visit www.pro.woodworker.com and signup as a New customer.
 - a. They will be including their email address & a password
 - b. In Business Name field – enter "Charlotte Woodworking Club Member"
 - c. In Business Type field - choose "Woodworking Club"
 - d. Fill in the rest of the required information
 3. Have them give me a call or email me and I'll double check / verify that their setup is complete.
Any of the folks who are intimidated by the above steps can call me and I'll do the setup for them & send them an email. Buddy Warner's contact info is:
Local NC: 336-578-0500 ext. 3054
Toll Free: 800-352-0182 ext. 3054
buddyw@woodworker.com

Directions to Jackson Park Ministries



From the intersection of I-85 and Billy Graham Parkway:

Take Billy Graham Parkway South.

Turn Right on Paul Brown Blvd / West Blvd. (this will be after the main entrance to the airport)

Turn Right on Airport Drive.

First left on Sentry Post Drive.

At the end of Sentry Post Drive there is driveway on the left. Look for the sandpile and enter here. Using the photo above, drive down the driveway and around to the warehouse with the "x" on the top.

From the intersection of South Tryon Street and Billy Graham Parkway (where Woodlawn turns in to Billy Graham). Also exit 6 from I-77.):

Take Billy Graham Parkway North.

Turn Left on Paul Brown Blvd / West Blvd. (this will be at the light after the Tyvola Road exit)

Follow from Step 3 above...

CLASSIFIEDS

Buy—Sell—Trade—Look For

SHOP CALENDAR

JUNE:

Monday 6th - Open Shop
Monday 13th - Open Shop & Board Meeting
Monday 20th - Open Shop
Tuesday 21st - Meeting
Monday 27th - Open shop

JULY:

Monday 4th - TBA
Monday 11th - Open Shop & Board Meeting
Monday 18th - Open Shop
Tuesday 19th - Meeting
Monday 25th - Open Shop

AUGUST:

Monday 1st - Open Shop
Monday 8th - Open Shop & Board Meeting
Monday 15th - Open Shop
Tuesday 16th - Meeting
Monday 22nd - Open Shop
Monday 29th - Open Shop

Do you have some woodworking related items to sell or items you are looking to obtain? Send an email to the CWA Google Group at: charlotte-woodworkers@googlegroups.com or just email me at jrnurse2005@yahoo.com

Regular CWA Meeting Time and Place

Meetings of the Charlotte Woodworkers Association, Inc are held the third Tuesday of each month, **except for December**. Meetings are held at Jackson Park Ministries Woodshop at Sentry Post Drive, Charlotte, NC.

A social and refreshment time starts at 5:30pm; our meeting starts at 6:15pm. Come to the meeting early and get to know your fellow woodworking enthusiasts! See map on previous page.

2016 CWA Board Members/Committee Chairman



David Powles
President
704-506-0403
dpowles42@gmail.com



Jim Slomba
Vice-President/Program Director
803-222-6729
jmslomba@gmail.com



Fred Miller
Treasurer
704-650-8520
fredmiller2@gmail.com



John Bregan
Secretary
803-417-1006
jrnurse2005@yahoo.com



John Seaman
Board Member at Large
704-556-1500
jseaman170@gmail.com



Connie Barnes
Board Member at Large
803-322-1616
travelingnanu@gmail.com



Mike Smith
Past President
704-535-4497
mikececilsmith@gmail.com



Wayne Manahan
Librarian



Joe Hattaway
Website



Greg Smith
Snacks



Bill Blackett
Shop Tours



Glenn Boone
Raffle



Randy Hock
Wood Identification