

THE SAWDUST

NEWSLETTER OF THE CHARLOTTE WOODWORKERS ASSOCIATION, INC.

Volume 19, Issue 2

February 2012

Newsletter

If anyone would like to contribute articles, information or provide suggestions for the newsletter, please send them to me. We need to make this a group effort.

Thanks also to Peter Stoffel, who assists with taking notes at meetings and Tony Profera for the photos they provided. Much appreciated.

Vance Smith (vrsmith79@att.net) - Secretary



2012 Member Dues Are Due

Members have until the end of March to pay before we remove you off all lists.

The sooner you can pay the better.



New Member Name Badges

- Jeff is getting ready to order more Wooden badges.
- \$6.00 each if you would like one.

February Demonstration Intro to Next Learn & Build Project Candle Turning Project -Dave Powles

Emphasis on skill building rather than the final project.

Feel free to come and use the lathes on a Monday night. – but sign the liability waiver first! ☺

Classes are:

March 3rd & March 17th. An AM class and a separate PM class.

Instructors Ed Fallon and Ed Haydee

March 10th & March 31st. An AM class and a separate PM class.

Five people for each class.

The Charlotte Wood Turners will have someone here at the last Monday of the month.

Here to help us learn to turn.

Lathe: The only machine that holds the piece where the operator holds the tool – usually the other way around!

1.) History

a. First evidence of turning: 600 BC

b. Turning in 1500's

i. Turning separate from furniture makers.

ii. Peddle powered – turns forward and then backward

c. Turning 1750 – 1850

i. Big wheel lathe.

ii. Powered by the big wheel which keeps the stock turning the same directions

d. Turning 1850 – 1940

i. Belt driven lathe

e. Modern day Lathe

i. Electric motor driven lathe

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CALENDAR OF EVENTS

February 21: CHARLOTTE WOODWORKERS ASSOCIATION, INC. MEETING - 6:30pm.

Note: Bring 'show and tell' - recent projects, items, etc. to share with members prior to the meeting. (Meet & Greet and social begins at 5:30 pm.)

March 23-25: THE WOOD WORKING SHOW

Location: The Park
800 Blair Creek Road, Charlotte, NC

WOODCRAFT STORE IN CHARLOTTE UPCOMING CLASSES

Basic Router: Part 1	2/18	1:30 - 4:30
Table Saw Use- Beyond the Basics	2/25	9:30 - 12:30
A Turned Lidded Box	2/26	1:30 - 4:30
Beginning Scroll Saw: Fretwork Cross	3/8	6:00 - 9:00
Carve A Duck	3/15	6:00 - 9:00
Router II: Make a Hinged Box	3/17	9:30 - 4:30
Turn A Goblet	3/18	12:30 - 4:30
Pen Turning Basics	3/22	6:00 - 9:00

Treasurer's Report: as of 2/3/12

Opening balance	\$1965.70
Deposits	\$1275.50
Checks	\$ 360.42
Closing balance	\$2880.78

February Items from the Woodpile

The Wood Working Show

The club will be exhibiting there again this year. Show dates are March 23 to 25. We can not use any power tools for any demonstrations. Proposed demonstrations are: Hand cut dovetails, Sharpening, and Hand Scrapers. We need volunteers for set up and especially to take down! Sunday at 5:00 pm is take down. Volunteers are needed to man booth, plan on 3 hour shifts. Volunteers get free entrance to the show but no free parking.

New Club Equipment

- New video camera
- New sound system
- New projector
- Waiting to get screen to mount for new projector.

Web Page

- New web master – Joe Hallaway
- We are redesigning our CWA web site.
- 3 member committee to design page. (Roger Callahan, Joe Hallaway, Maurice Blackburn)
- Special Thank you to Maurice for volunteering to join committee.

Member Phone List

Each member will have an opportunity to share your information with other members or not share. Your name, home address, e-mail, and phone number. You can choose not to share your information but if you do not share you will not be given a copy of the club roster. If you do not respond we will default your status to "share". Currently we only share this information to one vendor, Klingspor's Woodworking shop. The board may decide to share the list with other reputable vendors.

Lathe Demonstration

(Continued from Page 1)

Parts of the Lathe

A. Headstock

i. Speed Pulleys or variable motor.

1. 400-3500 RPM model at JPM shop – 6 different pulleys = six speeds.
2. Big things need to be turned much more slowly.
3. Variable Speed Motors preferred: unlimited speeds and reverse!

ii. Indexing

1. The headstock has a bunch of holes in it.
2. Enables you to move the spindle and lock into position, and then move it again and re-lock it.
 - a. Locks the rotation to let you cut reeds and flutes into a leg with a router.
 - b. Can be used for making hubs for wagon wheels.
3. Most modern lathes are not set up for indexing

iii. Spindle Inboard/Outboard side of the lathe– what to look for:

1. #2 Morse taper
 - a. The hollow on the headstock. Designed to accept a tapered chuck. The taper is called a #2 Morse
2. 1”-8 Threads on your spindle is preferred – very mainstream to get collects and chucks to fit it...
3. Left Hand threads on outboard side of the spindle. Same size threads as the other side ideal.
4. Outboard set up
 - a. Threads on the outboard side of the lathe that would allow you to mount big bowls!
 - b. The tool rest is a floor stand which is dangerous!

iv. Swing

1. Over Bed
 - a. The distance from the bed to the center of the spindle.
 - b. A 6” distance = a total of 12 swing
2. Over tool-rest base
 - a. The tool rest comes between the bed and the spindle, reducing the swing!
 - b. Keep that in mind when shopping...
3. Some tool makers quote the radius, not the diameter, of the swing measurement, so know what you are looking at.

B. Tool Rest

i. Different Lengths

1. Don't try to use a tool rest that is longer than you need
2. but it is nice to have a long tool rest for long projects such as a table leg.
3. Have a selection of rest available. You can have a welding shop make one up for you easily.

ii. Tool Post Size

1. A lot of pressure on the tool rest's post.
2. Bigger lathes have much stouter posts of a bigger diameter.

iii. Hardness face to keep smooth

1. The tool rest get nicked up. These notches make turning hard.

iv. Comfort finger groove below the top of the tool rest.

1. Run your finger along the groove to keep your position.

C. Tail Stock

i. Through-hole for drilling

1. Not very common
2. Useful for drilling a lamp cord hole...

ii. #2 Morse taper

iii. Acme or Buttress Thread

1. Acme thread – same thread as in the vice
2. Buttress thread

iv. Self Ejecting

1. A feature you want to get the Morse taper out to exchange tools.

v. A Live center

1. Has bearings inside it that let the wood turn.

vi. A cone center can split your wood! But if you have a hole drilled through the center of your piece it can be an ideal tool...

D Bed or Ways

i. Bed or 'ways' - the platform (or I-beam) that the motor and tail stock rest on.

ii. Length – Ability to add extensions

E. Additional Items to look for which indicate a quality lathe

i. Weight

1. Heavier the better – If you get an out of balance work piece it will stop it from walking...

ii. Headstock Bearings

iii. Horsepower of Motor

Boy Scouts of America

Woodworking Merit Badge:

Scouts worked on merit badges at JPM this fall in October assisted by CWA members.

Explorers Post:

We have had keen interest from area Scouts. An Explorer Post (A co-ed teenage division of Boy Scouts for 14 - 21 year old) has been exploring a variety of areas of wood working in the broadest sense including framing, cabinet making, furniture making, wood turning, etc. They' meet at JPM generally meet once a month on the 3rd Saturday of the month.

Post members that want to also join CWA get a student membership rate of \$15/ year.



JPM Shop Use

Any current CWA member who would like to use the shop is welcome to do so! All that is needed is to schedule the time! If you have something specific you need to do and you need our tools or a bigger shop to work in, please do so!

To use the shop contact Jim Emery at:

JimE@JacksonPark.Org.

CWA members are there on Monday nights at 5:30 pm if you need any advice or assistance with a project.



The CWA meeting 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 and let Mike Smith know.



SHOP TOURS

Mike Smith organizes club membership shop tours. The goal is to have shop tours scheduled that are in the same general geographic area to reduce the distances traveled between shops and permit time to adequately tour several shops in a day.

Please sign up even if you don't have a fancy shop

If you would like to put your shop on the shop tour list, please contact Mike at:
mikececilsmith@carolina.rr.com

Note: all shop tours are for active CWA members only. Please refrain from bringing guests, family members, friends, dogs etc...

Once enough shops are committed a date will be set.

CWA Google Groups

There is a new method for CWA membership to communicate!

With a single email we can let you know what's happening. You can also view all the 2009 published club newsletters.

Note: You Can Join This Group on Your Own! To join:

Paste the entire line below in your web browser's address bar

<http://groups.google.com/group/charlotte-woodworkers>

- Hit "enter", Click the link "Join this Group" (on the right).
- Create a Google account if necessary (all they want is an email address and password). Please save your password in a secure place for future use.
- 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 any email communication to all members of the group.
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CWA MEETING PRESENTERS

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:

- Dulcimer making
- Shaker Table Build Workshop
- Wheel making
- Windsor chair making
- Spoon Carving
- Fitting a Drawer
- Power Carving
- Bandsaw Boxes
- Hide Glue
- Tuning up a Wide Board
- Workbenches
- Intarsia Lidded Wood Boxes
- Turning a Pepper-mill
- 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 Wood-turning
- Small Shops
- Finishing
- Product Development Presentation (by Stanley Black & Decker)
- How to do Veneering

If you know of someone with a woodworking skill that could be of interest please contact Dave Powles at: (704) 506-0403.

"Items Wanted" section to be added to "The Classified Section" of THE SAWDUST

If you looking for a particular woodworking related item just email me (vrsmith79@att.net) a description of the item and an email address and/or phone number at which you can be contacted. I'll include that information in the monthly newsletter.

The newsletter is usually published within a week of our regular monthly meeting and emailed to members and the Google group.

Boy Scout Woodworking Merit Badge

JPM has been holding shop sessions for Boy Scouts working towards receiving a woodworking merit badge.

This is an outstanding way to introduce young people to woodworking. With many school shop programs being phased out this may be the only contact our youth have to a wood shop and the craft of woodworking.

If you would like to put your name on that list to help or would like to find out more please contact Fred Miller at: fredmiller2@gmail.com or Jim Emery at jime@jacksonpark.org

Watch for additional information to be published to the CWA Google group and in the Sawdust.

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.

Please check the web site

(www.charlottewoodworkers.org) for directions.

Note: you may see construction on Sentry Post Drive as they have been working the area of late.

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

The CWA Library

Books, DVD s and Tools for adjusting machinery are available from the CWA library for small rental fee for a month. Contact Maurice Blackburn at MBlackburn1@Carolina.RR.Com

Also, please help your fellow woodworker and make your club newsletter even better by contributing a short book review.

Remember, your review is redeemable for a free DVD rental from the CWA library!

Send your book review to Vance Smith (vrsmith79@att.net)

The Classified Section

No items for sale or wanted.

This space is reserved for classified ads! If you have any woodworking or related items for sale that you think would be of interest to the membership or are looking for some specific woodworking item please contact: Vance Smith (vrsmith79@att.net) Include a complete description of the items(s) and a picture or 2 (if possible).

Also, check the bulletin board at JPM as other items may be posted there.

2012 CWA Officers



Mike Smith
President
704-535-4497
mikececilsmith@carolina.rr.com

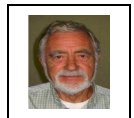


David Powles
Vice President, in-charge of programming
(704) 506-0403
Sorry, no e-mail available



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

Vance Smith
Secretary
(704) 956-4913
vrsmith79@att.net



CWA Librarian
Maurice Blackburn
(704) 394-8780
MBlackburn1@Carolina.RR.Com

CWA Website
Joe Hattaway
(704)
joe.hattaway@gmail.com

Directions to Jackson Park Ministries



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

- 1.) Take Billy Graham Parkway South.
- 2.) Turn Right on Paul Brown Blvd / West Blvd. (this will be after the main entrance to the airport)
- 3.) Turn Right on Airport Drive.
- 4.) First left on Sentry Post Drive.
- 5.) At the end of Sentry Post Drive there is driveway on the left. 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.):

- 1.) Take Billy Graham Parkway North.
- 2.) Turn Left on Paul Brown Blvd / West Blvd. (this will be at the light after the Tyvola Road exit)
- 3.) Follow from Step 3 above...

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](#)

WHOLESALE TOOLS

4200 Barringer Drive
Charlotte NC 28217
1-800-438-3580 (Service)
www.wttool.com
5% - 20% discount with current membership card.

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

CWA MENTOR PROGRAM

The following members have offered their help to anyone interested in learning skills or new techniques in their area of interest. Contact each person to arrange times to get together if interested.

Wayne Manahan
Sharpening
704.786.0768
wmanahan@vnet.net

If you are willing to mentor new woodworkers please let us know. Thank you!



"I have a lightning hammer –never strikes the same place twice.

-John Leake



Vance Smith, Secretary
12201 Mallard Ridge Drive
Charlotte, NC 28269

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ADDRESS CORRECTION REQUESTED
