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August 2002

THE CHARLOTTE SAWDUST

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The Charlotte Woodworkers Association

www.charlottewoodworkers.org

Upcoming Program for August

August 19th - the demonstrator will be Mr. Fred Miller who will give a demonstration on assembly of a mantel clock using techniques he employs for small production runs.

Meeting Time

Meetings of the Charlotte Woodworker's Association are held the third Monday of each month, except for December. Meetings are typically held at THE WOODWORKING SHOP of Charlotte, 116M Freeland Lane, Charlotte, NC. Exceptions will be announced well in advance. If you need directions to the shop, visit their web site at <http://orders.woodworkingshop.com> and click on the link to "Store Locations".

Please note that our meetings start at 6:00 P.M., after a social and refreshment time that starts at 5:30 P.M. If you get there early, you can get to know your fellow members. Also, please be mindful of the graciousness of our hosts by not placing refreshment, etc. on their worktables and tools. Thanks for being good "guests".

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.

Name	Area of Interest	Phone	Email
Wayne Cooper	***	704-409-1417	cooper@ARconmfg.com
Bill Golden	Shopsmith & Totalshop	704-525-9691	popstoyshop@earthlink.net
Dwight Hartsell	Woodturning	704-598-6029	woodwight@aol.com
Jeff Jacobs	Any wood thing	704-309-1263	jacobj@meckco.com
Wayne Manahan	Sharpening	704-786-0768	wmanahan@vnet.net
Gil Milsaps	Windsor chairs	704-875-0758	GAD23ABOUT@aol.com
Alvin Tench	Any Woodworking	704-824-7717	Alvintench@netzero.net

*** Wayne Cooper has a fairly complete shop and would actually like an experienced woodworker to use it and teach him how to use it properly in exchange for use of the shop.

Anyone interested in offering their time and services as a CWA mentor, please send their information to Wayne Manahan at wmanahan@vnet.net

One Special Christmas – now's the time to start working on projects. See Dwight Hartsell for details.

Future Programs

September – Tony Bradshaw and Mike Paterson will present a program on overarm routing.

October – Victor Ilnitskiy will talk about woodworking in the Ukraine and how he made a maple urn.

E-mail Option for receiving “Sawdust”

E-mail delivery of “Sawdust” is available. I understand that many members don't have convenient access to e-mail, but if you do, and don't already receive the newsletter that way, consider switching to softcopy.

When you receive the newsletter via e-mail you have the benefit of getting color photographs, and you get quicker delivery. To sign up for e-mail delivery, please e-mail a request to wmanahan@vnet.net and your delivery method will be changed.

July Raffle Winners

Donated by The Woodworking Shop
Router Bit Set
Router Bit Set
Crosscut Guide

Jim Dotson
Dwight Hartsell
Robert Meunier

Donated by Woodcraft
\$25 Gift Certificate

Mike Pleso

Donated by CWA
Gift Certificate to Charlotte Hardwood
Woodworkers Book

Alvin Tench
Michael Patterson

Donated by Dwight Hartsell
Turned Bowl
Bottle Stopper

Monk Bridges
Monk Bridges

\$\$\$ Shop on Meeting Nights for Special Savings \$\$\$

The Woodworking Shop is now extending a 20% discount to members of the Charlotte Woodworkers Association on all items (except for power tools and lumber) purchased on the day of the meeting. So if you shop the day of the meeting, you'll save 20% instead of the usual 10%. We'd like to thank The Woodworking Shop for making these additional savings available to us.

Classified Section

For Sale:

200 board feet of Wormy Maple – 4/4 rough sawn, various widths and lengths. \$1.25 per board foot. Will sell a portion or the entire lot. Contact Mike Patterson at 704-435-5179

Approximately 150 board feet of one-inch thick Heart Pine - various widths from 3 – 8 inches. This wood is approximately 100 years old. Asking \$100.00 for all. Contact Mike Patterson at 704-435-5179.

Delta 37-380 8 inch Professional Jointer w/mobile base



New with less than 2 hours use. Jointer cost \$1149.95 and mobile base cost \$94.95 when purchased new. Must sell; asking \$950. Contact Tony at the Woodworking Shop in Charlotte. Telephone 704-521-8886

CAMPBELL-HAUSFELD Model NB0030 Brad Nailer, 3/8 in. to 1-1/4 in. 18 gauge. Very good shape \$25.00
Contact Bill Golden at 704-525-9691 or at popstoystore@earthlink.net .

Rojek Sliding Table Saw

Used very little due to illness. Saw is approximately one year old.

11.25 x 79 inch aluminum sliding table

13.25 x 41.75 inch saw table

1 phase 220 volt breaking motor 3.6 horsepower

Scoring unit

Rip fence with micrometric adjustment will adjust to rip to 57"

Saw guard/suction hood (integrates dust collection using 1.5-inch hose to hood)

Saw is ready for 4-inch dust collection hose

Overload protection

Meets UL and CE standards

Main saw has 5/8" arbor and is 12" diameter w/o scoring unit, 10" diameter with scoring unit

Scoring blade arbor is 20 mm; blade diameter is 3.15"

Heavy-duty steel extension table to right of saw is 19 x 44 inches (not shown in picture below).



Rojek saw is very similar in appearance to photo above, but is not identical.

Price reduced to \$2200.00 (This unit is advertised on the bulletin board at the Woodworking Store for \$2750)

Contact the owner:

Art Gill

704-599-5877 or agill@carolina.rr.com

Wanted:

Wanted – **Medium sized wood lathe and lathe tools.** Contact Ted Genest at 704-597-2952

Need Addresses for Some Members

I'm still looking for addresses, phone numbers, or e-mail addresses for several of our members. If you know any of them, please help me get their contact information so that they can receive the full benefit of their

membership. If any of these members would be willing to receive the newsletter via e-mail, I'll need to have their e-mail addresses and their approval to get the newsletter in that manner.

Ed Martin
Dick Thomas
Greg Wilson

I can no longer contact **Jeff Jacobs**, as I'm receiving delivery failures when sending e-mail to the address he provided. I don't have a telephone number or street address for Jeff. If you know him, please have him contact any club officer to let us know where we can reach him.

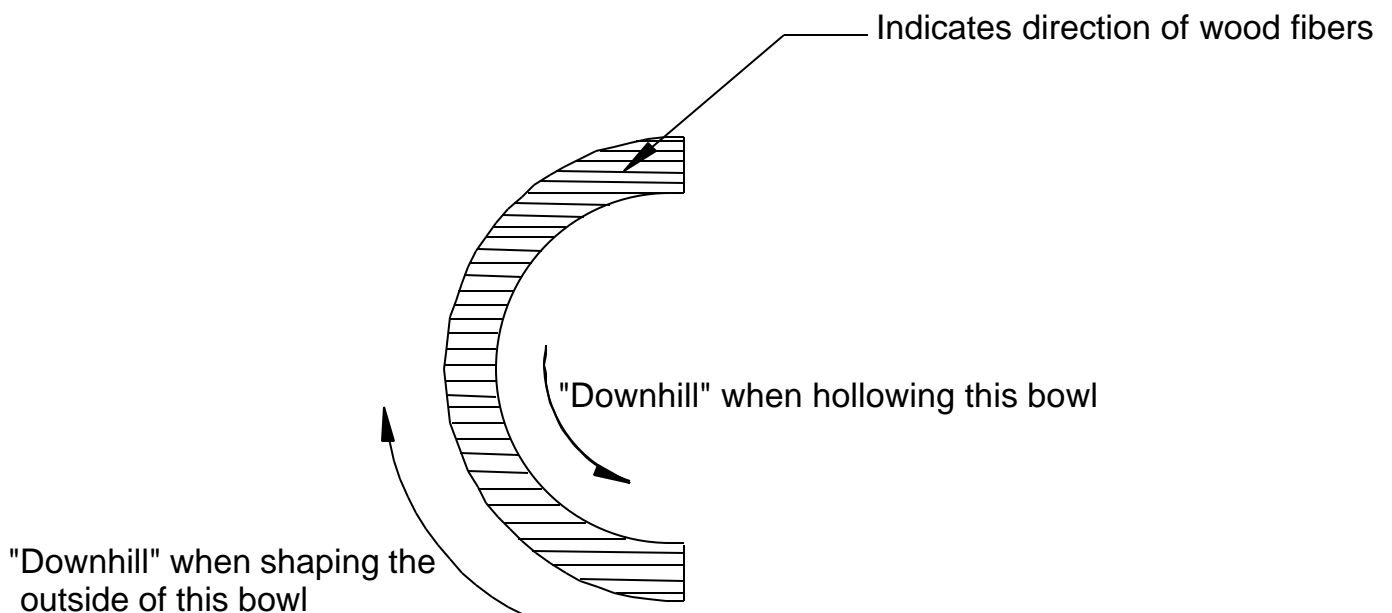
Dick Nielsen gives Woodturning Demonstration at July Meeting of CWA

Mr. Dick Nielsen, an accomplished turner and CWA member, demonstrated the basics of spindle and bowl turning at the meeting of the Charlotte Woodworkers Association on Monday, July 15, 2002.

In his spindle turning demonstration, Mr. Nielsen made a tool handle that could be used for a lathe tool while explaining the process of roughing the blank to a cylindrical shape and then cutting the desired profile of the tool handle. He explained the use of the roughing gouge, and said that he finds it to be one of the most useful of turning tools. He explained the importance of cutting "downhill", that is in a direction that allows the fibers of the wood that isn't being cut to support those wood fibers that are being turned away. Cutting in this manner reduces tearout and results in the cutting tool producing a smoother surface finish.

On a typical spindle turning, where the fibers of the material being turned run parallel to the lathe bed, "downhill" is intuitive. If you cut from the larger diameter to the smaller diameter of a profile being shaped on the outside of such a piece you'll be cutting "downhill".

On bowls or goblets that are hollowed from stock oriented in the manner just described, downhill is not so obvious to the casual observer. On the outside of the bowl it is (obviously) the same as for the spindle turning example just discussed. On the inside of the bowl, things are different. When hollowing the inside, the fibers that support the cut are toward the outside of the bowl, so a "downhill" cut actually progresses from the center of the bowl cavity to the rim of the bowl. The figure below illustrates this.



Dick Nielsen also told the audience about “watching the shadow” when roughing a piece to determine progress. Although I don’t have a good photograph of this, I’ll try to explain it.

When turning a rough blank, the spinning wood exhibits, at the top of the blank, a “ghost” image of that portion of the material that is outside of the solid, cylindrical center of the blank. (The ghost image can also be seen at the bottom of the spinning blank, but since we have things like the tool rest and gouge blocking that view, we look at the top.) The reason for this “ghost” or shadow image is that any part of the material that projects beyond the solid, cylindrical core is only visible for that portion of the work’s revolution where it is in our line of sight. When it isn’t in our line of sight, say because it is behind the portion of the blank that we can see at that instant, we see the empty space where it is absent. Our eye averages the image of this protrusion as it rotates in and out of view and we see a ghost or shadow image of the protrusion.

If we continue to “turn the ghost” until it disappears, what remains will be the solid, cylindrical core of the blank that we mounted in the lathe at the start of the turning session.

Another technique that we were shown for determining the progress of the initial roughing phase was to lay the back of the gouge on top of the spinning cylinder. If it rides smoothly over the length of the turning, the roughing is complete. If it bounces, there is more roughing to do. You can get some idea of the roughing that remains to be done by the extent the gouge bounces. A vigorous bouncing indicates that some parts still need a lot of work!

Dick showed one procedure for “sneaking up” on the fit for a ferrule to tenon union on the tool handle he turned. He used an inside/outside caliper to measure the inside of the ferrule, and then, without adjusting the calipers, used the outside jaws to determine when the tenon was the correct diameter. He explained that if the tenon turns out just a little loose it would still work, since the insertion of the tool swells the tenon.

In the bowl turning portion of his demonstration Dick showed us how to use a screw chuck for initial mounting of the bowl blank. He then shaped the outside of the bowl and turned a tenon that would fit into the Oneway Talon chuck that he mounted the blank in for hollowing.

There were many other aspects to Dick’s demonstration that I’ve failed to report. In addition to providing the demo, Dick brought a number of pieces that he had turned in the past.





H & S LUMBER

Mr. Robert Boland, Manager
4115 Monroe Road
Charlotte, NC 28205
704-333-3130 (sponsor)

THE WOODWORKING SHOP of Charlotte

Mr. Tony Collums, Manager
116M Freeland Lane
Charlotte, NC 28217
704-521-8886
(contributing/sponsor – except power tools & lumber)

WOODCRAFT

Mr. David Boyuka
1725 Windsor Square Drive
Matthews, NC 28105
704-847-8300 (contributing)

Show your CWA membership card at any of the Listed places to receive benefits (except for WOODCRAFT, which is unable to provide sponsorship in the form of discounts).

2002 CWA Officers

President	Mike Rosenberg	704-643-7612 rosinbag@carolina.rr.com
Vice President	Mike McCabe	704-676-4869 aikenlaiken@aol.com
Secretary	Wayne Manahan	704-786-0768 wmanahan@vnet.net
Treasurer	Neil Brunck	704-521-8480 brunck@usairways.com

The Charlotte Woodworkers Association

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Next Meeting:
August 19, 2002
At The Woodworking Shop
