

Newsletter

Volume 21 - Issue 5

May 2005

Meeting Review: April 2005

Darrel Anderson, club secretary, lead the meeting for the absent Ron Gilkerson. Thanks again Darrel for doing the honors.



Rich Rossio did a demo on the **Turning Basics** and passed along some helpful tips and techniques. He has turned 100's of species up to and

including **Poison Ivy** but his all time favorite is **Lilac**. We learned that the original turners used to find workable wood in firewood piles and that Rich has found many a nice piece that way himself. He has "rescued" many a hunk destined to go up in smoke and took it home to lovingly reveal it's inner beauty and turn it into a work of art. Guess we can think of those early turners as the first recyclers!

There were quite a number of questions from the crowd and it was a fascinating, educational evening all around and just the right intro for the Workshops that weekend. **(See page 3 for a Review on the Workshops!)**

Remember, Rich is also a club resource for turning tools and supplies. Contact them at **L & R Collectibles and Glass** online at disoorder@aol.com or call (815) 838-7686 -- Or see Rich at the next meeting!

Agenda for May 2005

In May **David Warren** will be presenting "**Using Hand Tools in Cabinetry Making**".

David specializes in **Lincoln Era** and will show us a number ways to use hand tools to create classic joints and lines, emphasizing on the use of European hand planes.

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

Saturday, May the 7th will be a combined **Field Trip & Shop Tour**. We begin with a tour of Onsite Woodwork Corp. in Loves Park at 9:00 a.m. followed at 1:00 p.m. by a trip to tour Howard Van Valzah's in Roscoe. Time permitting we will stop for lunch between the events. (Details and maps at the meeting.)

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

In **June** member **Doug Olson** will share some ideas on how to your home computer can become a great woodworking tool! He will show us how to utilize the computer to improve the efficiency of your projects and even help turn your ideas into reality with the use of design software. This is sure to be a most enlightening evening!

Doug is also working on a group project to present us with some **Virtual Shop Tours** of members workshops. He will compile photos of various shops along with your story and put them into PowerPoint Slide Shows to be viewed at an upcoming meeting and available from the club library. If interested, please see Doug during the break or contact him at (815) 541-8228 or, via email, at dolson123@aol.com and he will be happy to go over the details!

Table of Contents

EVENTS CALENDAR	2
CLUB CONTACT LIST	2
MONTHLY DRAWINGS.....	2
WORKSHOP REVIEW	3
HOSPICE NOTE	3
"...MORE TO LEARN"	4-5
SHOW & TELL	6
LIBRARY NOTE	6
CLASSIFIEDS.....	7
MAP	BKPG

REVIEW: Lathe Workshops

To: "woodworkers@fvwwc.org" <woodworkers@fvwwc.org>

Subject: Re: Lathe Workshop

From: Jack Harkins <jharkins@chilitech.com>

Date: Mon, 11 Apr 2005 20:13:09 -0500

Linda,

Just a quick note to tell you that the workshops were great. Rich is a terrific teacher, helpful and supportive. Considering that I've never previously stood behind a lathe, this opens a whole new world to me -- *as if I don't already have enough to do!*

At the suggestion of someone or other, I borrowed the club's Jet and have set it up in my garage. Of course, I have no tools, but they'll come quickly enough. And, I'm hoping to purchase a larger used lathe as soon as the seller agrees.

We didn't socialize a lot, but I enjoyed meeting other members and seeing a few folks from the box-making workshops.

A gentlemen by the name of "Fred," whose last name I forget, was wonderfully helpful and took me under his wing. Good thing, too, as I really needed his suggestions. *Thanks Fred!*

So, pass it on: I'm one satisfied club member!

Jack Harkins

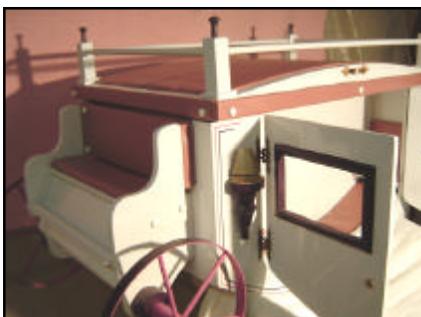
EDITOR'S NOTE: The "Fred" he mentions is I long time FVWWC member, and close friend of Rich Rossio, Fred Rizza. Like Rich, Fred is one of our most talented members and always willing to answer your questions or help in any way he can. Thanks to Rich and Fred, both, for making the Workshops another FVWWC "Job Well Done!" -- And Thanks to Jack Harkins for the Review! We can all look forward to seeing some of Jack's lathe projects in future Show & Tell sessions!!!

LGC 



Community Projects

The **Fox Valley Hospice Garden Luncheon & Fundraiser** for the is coming up again soon. FVWWC member **Mike Biro** is donating some his creations again this year and here are some photos of his **Toy Box Coach**. This is sized to fit the American Girl dolls and has fully functional doors, etc. to make play all that



much more fun! The Hospice coordinator, Nancy Vance, said they will feature the Coach in their **Silent Auction**, even though she hasn't seen it yet. The Hospice folks have benefited from Mike's talents in past years and know the quality of his work always brings in the bids. Kudos Mike and thanks for all the time and talent you contribute to this and other community projects. *Mike is also busy completing 28 more of the **Batavia Depot** birdhouses FVWWC designed and built last year for the **Batavia's Ladies Club** and the proceeds will go to the club to benefit us all!*



NewWoodworker.com

There Is Always More To Learn

TIPS & TRICKS

Installing Adjustable Shelf Pins Consistency Is Key

Text & Photos by Tom Hintz

Adjustable shelving is a common feature of virtually any type of cabinet and a simple way to increase the versatility of the project.

Drilling the cabinet sides to accept the pins that support the shelves is easier than you might think. The most important part of the process is being consistent. Since each shelf is supported by a pair of pins at each end, the holes must be level for the installed shelf to be level. The good news is you can handle this task with basic equipment in a minimal amount of time.



Drilling shelf pin holes is easy if you follow a few simple steps.



A 6" combination square is perfect for laying out the pin hole locations. Here the blade is used to trace the vertical lines onto the cabinet side piece.

Drilling Options

The goal of drilling is to produce holes that are accurately aligned to each other front to back and equally spaced vertically. In addition, the holes must fit the pins closely, be 90-degrees to the side and deep enough for the pin to seat fully.

While a hand-held drill can be used, it must be held exactly 90-degrees to the surface and very steady to avoid increasing the diameter of the holes. If the holes are not precise, the pins will hang and the shelf will rock or tilt.

Using a drill press is by far the easiest way to eliminate nearly all of these problems. Even the most basic drill press is capable of drilling shelf pin holes quickly and accurately. I have drilled shelf pin holes with a 10", benchtop press for years with no problems.

Jigs

Manufactured jigs that vary widely in price and capabilities are available for drilling shelf pin holes. Common pegboard can be used to build a drilling jig but has liabilities as well. If the cabinet has a recessed back panel, two jigs may be necessary. In addition, pegboard is very soft and the holes easily enlarged during drilling, greatly reducing accuracy.

Layout

A very accurate layout can be drawn quickly using a simple combination square and a sharp pencil. Creating a simple grid on the cabinet sides makes drilling an accurate set of holes easy, particularly on a drill press.



The blade on my 6" combination square is 3/4"-wide, perfect for spacing the rows of pin locations.

The pins should be set in from the edges of the shelf sufficiently to limit their visibility while maximizing support. Set the blade of the square to locate the forward line of holes and draw that line on both cabinet sides, top to bottom.



Even a small drill press makes drilling the holes accurately fast and simple.

Because most cabinets have a rabbet that recesses the back panel, the rear line of holes must be set in from the edge of that rabbet. With the square adjusted as needed, draw the line for the rear line of pins on both cabinet sides.

Start laying out the horizontal lines by finding the vertical center of the cabinet sides and drawing a line across the width making sure to cross both vertical layout lines.

The vertical spacing between the rows of holes can be whatever you like but I find $\frac{3}{4}$ " works very well. This also is the width of the blade on most 6" combination squares. Using the blade itself to space the lines of holes makes this part of the layout fast, simple and all but goof-proof.

Align the edge of the blade to the centerline and draw a line along the other side of it. Move the square down, register the blade with that line and repeat the process until you get close to the end of the cabinet side. Go back to the center and draw lines on the remaining half of that piece. Do the same on the other cabinet side and the grids will match.

The holes can be run as close to the ends of the cabinet sides as you like but be realistic. It is unlikely that a shelf will be placed within 2 or 3-inches of either the top or bottom of the cabinet making pin holes in those areas unnecessary



The holes should be slightly deeper than the length of the pin to insure a flush fit.

Drilling

Note: When using a manufactured jig, follow the directions that came with it..

Install the appropriate-sized brad point bit for the shelf-pins into the drill press. Place one of the cabinet sides on the table and lower the point of the bit, aligning it with the center hole location. It doesn't matter if you start with the front or rear line of holes.



Sanding the interior surfaces is easier now anyway so sand the layout lines away in the process.

Sink the point of the brad point bit into the wood where the layout lines cross, marking the location of a pin hole. Square the workpiece to the table before clamping a piece of wood to the table against its rear edge to act as a fence.

Set the depth stop to produce holes approximately $\frac{1}{16}$ " deeper than the pins require to insure they will install flush against the sides.

Slide the board along the fence, aligning the fine tip on the brad point bit with the layout lines. Carefully drill all of the holes in that line on both cabinet side pieces.

Adjust the fence for the remaining line of holes and repeat the procedure to finish both cabinet sides.

After all of the holes have been drilled, you can finish sand the inside faces of the cabinet sides, cleaning up the edges of the holes and removing the layout lines in the process.

Simple tools and procedures can produce shelf pin layouts equal in accuracy to a jig without sacrificing versatility. All that is required from you is a little time and attention.

☞ **FOR MORE TIPS LIKE THIS GO TO: <http://www.newwoodworker.com/>**

Show & Tell

Matt Gauntt, MC

It was another great display this month for Show & Tell, including:

- **Dan Jarodsky: Oak Hiking/Walking Stick** with a Walnut stain and Polyurethane finish.



- **Dave Masters: Mantle Clock** in Mahogany Plywood & Wenge finished in Satin Polyurethane

- **John Winton: Gardening Dibbles** of Ash, Spalted Wood and 2 Mystery Woods all finished in Mineral Oil & Beeswax.

- **Doug Pfaff: Candlesticks** turned in Walnut with a brushed Lacquer finish.



- **Bob Dahlstrom: Mug Holders** made of Cherry, one finished in Minwax "Early American" and one in Minwax spray semi-gloss Polyurethane.

- **Larry McHone: Butter Churn** made of unfinished Pine.

- **Dale Rankin: Swiss Chair Kit** made of Pine and finished in Acrylic Paint.

- **Jim Robertson: Custom Doweling Jig.**

- **Robin Blair: Three Covered Boxes** of Maple, Cherry, Purpleheart and Red Oak and finished with Tung Oil.



Hard to believe but it just keeps getting better! Thanks to all for



Library Note

Please remember to return any books, magazines, videos, etc. to the club library. You find the library at the back of the room, near the coffee, at every meeting.

Thanks!,

Cheryl Miller, Librarian

CLASSIFIEDS

FOR SALE:

Shopsmith "Mark V", in excellent condition, w/Loads of Extras: \$1,500

Basic System Includes:

- Jointer
- Band Saw
- Lathe
- Disk Sander
- Table Saw
- Horizontal Boring Machine

Plus Many Extras:

- Saw Blades
- Dado Set
- Lathe Tools
- Manuals & Charts
- ...and Much More!

Contact John Singer at (630) 208-0673 or WB2PRX@aol.com to arrange to see.

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



FOR SALE:

One owner Shopsmith; purchased in '84 or '85 - Ser. #154551 - Mod.# 500009 -

Includes:

- 4" planer
- Drills
- Routers
- lathe tools, etc.

Price \$800.00 Call owner, Will Smith, for information at (630) 616-9826 or e-mail at foamhome10@cs.com.

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

FOR SALE:

Maple Dining Room Set that Needs Work (couple of loose chair rungs, etc but nothing drastic) Table w/2 leaves & 6 chairs - Owner is moving and asking only \$150—Call Sue for more info at (630) 232-4687



PUBLIC NOTICE:

Fellow Woodworkers;

Grundy Woodworkers Club has its meeting May 9th at 7:00 pm. We meet at **The Woodworkers Shop**, 3385 N. RT. 47 just south of Morris IL - (815) 942-5865.

The subject for this month's meeting is turning.

Everyone is invited to visit our group.



For Members Only:

Have something to Sell and can't wait for the next Newsletter to be published? Looking for a special tool to buy/borrow and don't know who to ask? Hear some woodworking news too good to keep to yourself? Call or send us an email with details and we will broadcast it to all online Members!

Contact Linda G. Christensen
FVWWC Editor/Webmaster
(630)897-4877 or
woodworkers@fvwwc.org

ADVERTISEMENT:

Aromatic Eastern Red Cedar for Carvers

Blocks are half of the rounds and are from 5"-8" wide and 12"-15" tall.

The price is \$4.75 per half block plus actual shipping charges via FedEx or UPS ground (your choice). As for payment, I will

accept cashiers checks / money orders / or personal checks but I prefer PayPal. If interested please contact me by email, phone or snail mail as per the below contact information. In order to complete your order, I will

need to know quantity and the ship to address. I will then package and weigh the order and send you an invoice for the total amount.



Sincerely,

Rex Pendergraft

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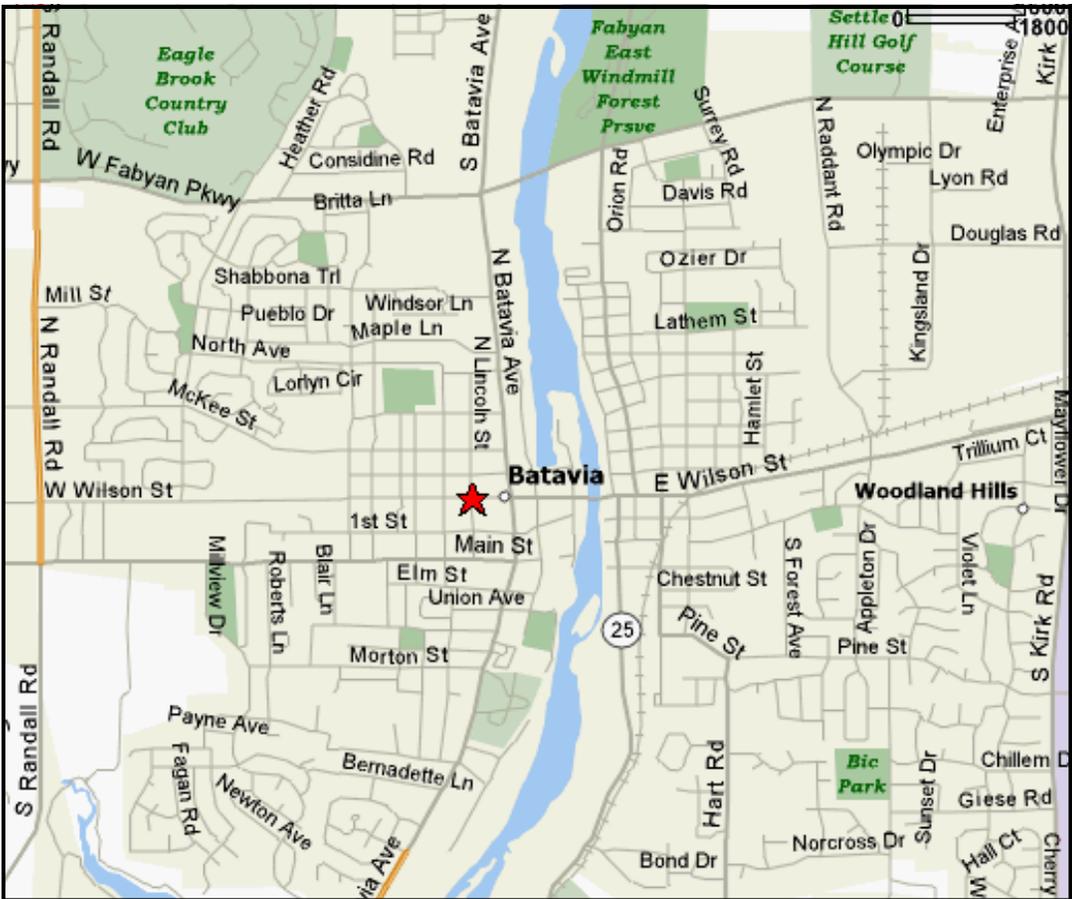
(434) 832-2634 (Office)

(434) 832-2620 (FAX)



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FIRST CLASS MAIL



FWWWC

**Meets at:
Bethany
Lutheran
Church**

**8 S Lincoln St.
Batavia, IL**

**1st Tuesday of
each Month at
7:30 P.M.**



North

***Visitors
Welcome!***