

GUILD NEWS

Next Meeting
 Tuesday, 7:00 PM
 October 11, 2016
 East Kentwood High School

Mortise & Tenon Demonstration

John Pflug will be demonstrating at the October 11th Guild meeting how to make one the oldest known woodworking joints, a Mortise & Tenon joint. This joint is used in timber framing, boat building, and creating fine furniture just to name a few applications for this useful joint.

John will be showing us how he makes this joint when creating a timber frame structure. While building a timber frame building is not what most of us do, this joint is used time and time again in cabinet making or when crafting fine furniture.

While the chisels and other tools John will be using are larger than what most of us use in our woodworking, they are same type used in making the finest furniture.

We will all learn a lot from John's presentation. Mark it on your calendar today, October 11th, 7:00 PM, East Kentwood High School Wood Shop, Mortise and Tenon Training!

Register to Vote!

To Vote in November 2016

October 11th

Is the last day to register!

October 11, 2016 Meeting Agenda 7:00 PM East Kentwood High School Wood Shop

- Welcome Guests, New and Returning Members
- Member 'Show & Tell'
- Toy Contest Registration Contest Guide Lines
- 15 Minute Break
- 50/50 & Raffles
- Timber Framing – Mortise & Tenon Joinery Demo by John Pflug



Jim Jakosh receiving a Certificate of Appreciation and a \$10 Gift Certificate from Craft Supplies for his Lichtenburg presentation.

Electrifying Wood Burning Demo on 9-13-16

Jim Jakosh did it again! Jim showed us how to use a Very High Voltage Transformer and a Soda Chemical mixture to burn 'Lightning Like Patterns' onto wood projects. The process is referred to as,



Jim Jakosh performing his Lichtenburg Wood Burning Demonstration

'Burning Lichtenburg Fractal Figures.' It was really interesting to see this take place!

The demonstration took place right after the Guild Business meeting on 9-13-16, 7:00 PM at East Kentwood High School.

Because the Lichtenburg process creates small flames and some smoke, the presentation was conducted outside in the area directly behind the rear entrance of the Wood Shop of the East Kentwood High School to avoid setting off any alarms in EKHS!!

It was a Real "WOW"! If you missed it, **Too Bad, Too Sad!**



Dust Collection & System Maintenance

Do you have a Dust Collection System and/or an Air Filtration System in your wood shop? Do you know if it is operating at Peck Efficiency as it did when you first installed it?

In as little as a few hours after installing a dust collection or air filtration system your new system can begin to lose efficiency due to restricted airflow in the system. Removable filters need to be cleaned or replaced regularly (monthly). Collection Bags and Canisters should never be more than half-full.

Filter and collection bags or pleated filters need to be removed and cleaned and/or washed per manufacturer recommendations at least once a year to keep the filter pores open so they work efficiently.

Other system problems can also degrade the performance of your sawdust collection system. One of these problems is piping joints leaking air into your sealed piping dust collection system. Make sure all piping joints are mechanically tight and secure. Then seal them with tape design to tape ventilation system ducts.

Unused and/or partially closed Blast Gates can also leak air and cause vacuum lost. Make sure unused blast gates are completely closed. Blast Gate tracks and seats need to be clean, free of sawdust and debris so they fully open and close properly. Gates need to be mechanically and physically sound. If not, clean, repair or replace them.

Debris in the piping system or at the main inlet port of the dust collection system can degrade your system greatly. Check for blockages at the port guard where the piping system enters the central collector system fan or cyclone separator. Check where the piping system has bends, low spots, elbows, (long curve elbows are best) and at the base of any vertical risers where debris can collect.

Many times, unknowingly, you vacuum up items the system cannot move completely through the piping system to the collection bag. Turn off the collection system, take a flashlight and actually look into your piping system in different locations to see if there is debris stuck in the piping or elsewhere that could be restricting the air flow. If you find such a location, clean the debris out and repair the location so the blockage will not reoccur.

Good Maintenance of your wood shop systems and tools takes time but it is time well spent. The use of Dust Collection and Air Filtration Systems that are well maintained will surely make your shop time more enjoyable and healthy in which to work.

Happy & Safe Woodworking!

Part Time Hardwood Lumber Sales & Management Opportunity

John Anthony Millworks at 542 Grandville Avenue SW, Grand Rapids, MI. is exploring the possibility of retail Hard Wood Lumber Sales. To make this possible, Tony Gedris owner of John Anthony Millworks, wants to employ knowledgeable woodworking people to help him develop, organize, manage and staff this retail aspect of John Anthony Millworks.

If you are interested in exploring this part time opportunity, please contact Tony Gedris at John Anthony Millworks at (c) 616-3045448, or gedristm@att.net or stop in at 542 Grandville Avenue SW, Grand Rapids, MI. and talk to Tony personally.



What Lichtenburg wood burning looks like after sunset.

Buy from Resellers that Support the Guild

Craft Supplies USA

THE WOODTURNERS CATALOG

Woodturnerscatalog.com ~ 1-800-551-8876

1287 East 1120 South ~ Provo, Utah 84606

Shop & Task Lighting

You may not need to purchase an expensive LED Task Lights for your shop or work area. A standard LED light bulb may provide more than enough brightness for far less money!

See the Information below from The Department of Energy published in Family Handyman Magazine, September 2016.

Lighting Facts Per Bulb

Brightness	750 lumens
Estimated Yearly Energy Cost	\$1.26
Based on 3 hrs/day, 11¢/kWh Cost depends on rates and use	
Life	22.8 years
Based on 3 hrs/day	
Light Appearance	Warm Cool
3000 K	
Energy Used	10.5 watts

BRIGHTNESS:
Forget watts—think lumens

Gone are the days when the wattage on a light bulb package tells you how bright it is. When shopping for an LED bulb, look for the number of lumens directly across from "Brightness" on the Lighting Facts label. Wattage equivalents, usually on the front of the package, are only meant to get you in the ballpark. If you're replacing a 100-watt incandescent bulb, you'll want an LED that produces about 1,600 lumens. A replacement for a 40-watt incandescent bulb should produce about 450 lumens.

CHOOSE YOUR BRIGHTNESS

INCANDESCENT BULBS	LED EQUIVALENT
100 WATTS	1,600 LUMENS
75 WATTS	1,100 LUMENS
60 WATTS	800 LUMENS
40 WATTS	450 LUMENS

SOURCE: DEPARTMENT OF ENERGY

Read the label

Most of the information you need to pick the right LED light bulb is right there on the packaging, but you won't find it on the front. Look for the Lighting Facts label on the back or side of the packaging, and pay particular attention to two terms: "Brightness" and "Light Appearance."

Request for Assistance

(From the Guild's Website)

Hi--my friend and I are interested in learning how to repair the furniture she buys and refinishes for sale. Do you know of any instructional classes or woodworkers who would be interested in giving classes/instruction in Grand Rapids area? Also, when you have your meetings, are they open to the public and do you go over techniques, etc. at them? Thank you for sharing the love of your craft with us. Sincerely, Stacey Davis
Email: mj23lvr@yahoo.com
Editor's Note: Stacey and her friend have been invited to be our Guests at Guild Meetings.

Questionnaire Results

A Woodworking questionnaire was passed out at the September WM Woodworkers Guild meeting. Six questions were asked and the answers are:

Who is your favorite Local or Internet Woodworking Tool, Supplies and/or Equipment Seller?

Woodcraft, Rockler, Penn State Inds. Grizzly, Craft Supplies, CPO Tools, Johnson Lumber, Home Depot, Max Tools.

Why? Local and/or Prices Do you do Wood Turning?

8 Yes – 11 No

What 'ONE' Woodworking topic do you want to learn more about?

Dove tails, Joinery, Veneering, Sanding & Finishing, Multi Axis Turning, Using Hand Planes, Jigs & Workbenches

Where do you like to buy wood?

Woodcraft, Menards, Johnson Lumber, Kamp Hardwoods, Towtin Lumber, Estate State Sales, Other Guild Members, Independent Saw Mills

Where to do you buy and/or have your Saws Blades Sharped?

Tubergen Cutting Tools, Bill's Sharpening Services, Carbide Specialties, Woodcraft, Amazon

What Woodworking tool or piece of equipment would you like to buy in the next 90 days?

**1 Bandsaw, 2 Joiners, 1 Spindle Sander, 2-Drill Presses, 1 Lathe, 1 Planner, 1 Table Saw, 1 Router Lift, 1 31/2 HP Router, Cabinet Clamps
Price? Fair Market Value**



Jim getting ready to electrify some wood.

THANK YOU!

Thank you to all the members who provided items for the raffles at the 9-13-16 meeting.

Your generosity is greatly appreciated. The proceeds from the raffles and 50/50 drawings help fund Guild activities and make our meeting more interesting for everyone.

Moreover, it has another big benefit; it helps you clear your shop of items you no longer need or use, which gives you more SPACE to have fun woodworking and an excuse to get new stuff!

Please look through your shops again this month and bring those items you no longer need or use into the October 11th meeting so other members can have a chance to win an item in a raffle that they can put to use!

You can also help the Guild grow by bringing a friend with you to our meetings who enjoys woodworking or who wants to learn more about woodworking.

Thank you Again!



Guild Members at Guild Business Meeting on September 13, 2016

Toy Making Contest

Let the fun Begin! At the September meeting of the Guild the membership decided it was time for another woodworking contest. This time the contest is about making a Great Toy to be given away through a local charity at Christmas time.

The Contest starts **NOW!** The judging of the toys will be at the Guild's December meeting on 12-13-16. Prizes will be \$50.00 for First Place, \$30.00 for Second Place & \$20.00 for Third Place.

Plus, every contestant will have a Happy Heart knowing they made a toy that will provide hours of Fun and Joy to some little Boy or Girl!

It can't be better than that!

Toy Contest Toy Plans

Are you looking for a Great Wooden Toy Plan If so, here are some Magazines and Internet locations you can get some Wooden Toy Plans:

- Woodcraft Magazine, Oct/Nov 2016 issue
- Wood Magazine November 2016 issue
- Wood Magazine website, Search 'Toy Plans'
- Google.com, Search for 'Wooden Toy Plans'
- YouTube.com, Search 'Wooden Toy Plans'
- Public Libraries, ask the Librarian for books on 'Wooden Toys'
- Toy Plans in books and/or magazines you or a friend may have.

Many of the above websites are listed under 'Links' on the

Guild's website:

westmichiganwoodworkers.org

The Guild is discounting its Woodworking Magazine/Book Library. The Magazines and Books in the Guild Library will be made available to our members for FREE at the October 13th Guild meeting. There may be some Great Wooden Toy Plans in those magazines and books!

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