

Newsletter

July 2018

The CMWA is a group of men and women from around the St. Cloud, Minnesota area who share a common interest in the art and business of woodworking. We meet monthly and share information, techniques, and topics of interest in woodworking.

www.thecmwa.com

Greetings Woodworkers

I hope all of you had a very fun filled 4th of July! One of our long lasting traditions is traveling to St. Rosa and visiting my grandparents. They still live on the farm, but my mom's brother now runs it. As a kid the farm made it a lot of fun. We often created slip and slides using Agbag plastic and a water hose, and if that wasn't enough when we got to go there at night for fireworks we would play hide and seek or kick the can. Now being older we don't do much of that any more but it is still a great way for us to be together and catch up on the latest. There is always lots of food, all in your typical 4th of July theme. But the main course is the fish fry. This is something that we all look forward to. My Grandpa and many of my cousins enjoy fishing and most years we would go out to the lake in the morning and catch sunfish and crappies for the day, but this year we could not go out because of the heavy rain. It's a good thing we had some fish saved up for the day!

I hope many of you can make it to our Annual Picnic! It will be held on July 18th at the Tech Center. We will be starting about an hour earlier; the grill will be hot by 6:00pm and the CMWA will be providing brats, hamburgers, and water. It is also a potluck so please bring something to share! Also, feel free to bring a significant other along or a friend. We are also sending out postcards to many of our past members. Hopefully we can have a big crowd and a fun time!

If you have a little something you recently made, please bring it in and tell us about it. We all can learn from each other and having a good conversation starter really spurs quite a bit of interest. You will also get some bragging rights and will be featured in our Made by Members section of our newsletter.

Devin Middendorf
President, the CMWA



Made By Members

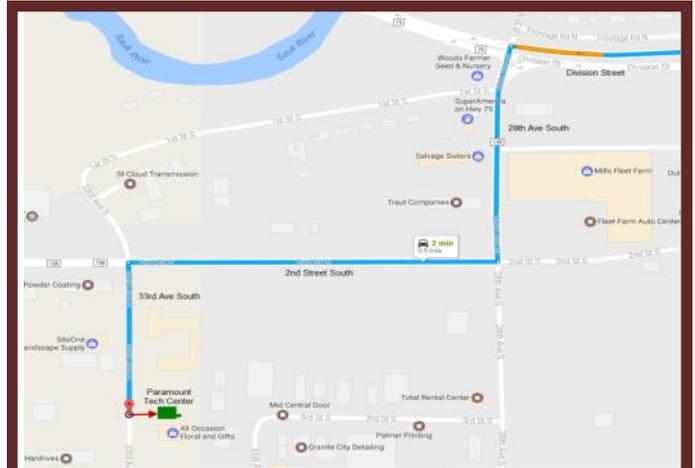
Lenny Merdan showed us a bowl he had turned based on a basket weave pattern from the April Wood Magazine.



Charlie Meyer showed a shaker step stool based on a design published in Fine Woodworking and described how it was made.



Where to find us -



Tech center Address:

248 33rd Ave South
Waite Park, MN 56387

All meetings are now held at the Paramount Tech Center

Above is a map and the street address for the Tech Center. It is near Mills Fleet Farm in Waite Park.

2018 CMWA Board:

President	Devin Middendorf	Director at Large (2 year term)	Mike Ross
Vice President	Don Peterson	Director at Large (2 year term)	Shawn Jarvis
Secretary	Tim DuBois	Director at Large (1 year term)	Rollie Johnson
Treasurer	Kurt Zniewski	Director at Large (1 year term)	Mark Voigt
Marketing Director	Mike Ross		
Website Manager	Darren McKeever		
Librarians	Eddie Och		
Meeting Hosts	Eddie Och and Angelo Gambrino		

June Meeting Program

The June meeting program was about hammer veneering. Our presenter was Rollie Johnson. Hammer veneering is as much about hide glue as it is about veneer. Rollie gave us some good background information on hide glue.

Hide glue is made from the collagen in animal hides and is similar to gelatin. Other protein based glues available now include rabbit skin glue and fish glue. Hide glue was the predominant wood glue used prior to the mid 1940s

Hide glue is durable, reversable, and repairable. It sticks to itself. It stains less than PVA glues and cleans up easily. It can also be used as a sealer. Hot hide glue has instant tack and a very short open time. This characteristic allows you to create a “rub-joint”. Apply hot hide glue to the boards you wish to join, rub them together, and hold the joint momentarily as the glue cools. No clamps necessary.

Typically available in flake or granule form, it is mixed with distilled water and heated to 140 degrees F for use. It is sold by gram strength with 192 gram being the most common. Higher gram strength glues are tackier, stronger, and have less open time. In dry form it is an indefinite shelf life. Once mixed it can be cooled down, kept in the refrigerator and reheated for use. It does have a limited shelf life once it has been mixed. If you can draw strings between your thumb and forefinger as it cools it is still good.

Shelf stable liquid hide glues are available from Titebond or Old Brown Glue. They are made shelf stable by the addition of urea. Titebond can be used out of the bottle. A superior liquid hide glue is Old Brown Glue. It can be used out of the bottle over a range of temperatures from 80 to 140. The open time ranges from 20 minutes to an hour depending on temperature with the longer open times corresponding to lower temperatures. It has a shelf life of one year, longer if kept in the refrigerator.

Hammer veneering is accomplished by applying hot hide glue to the substrate and both sides of the veneer to be attached. Then pressing the veneer to the substrate using a veneer hammer. An important tip is to apply the glue to both sides of the veneer. It acts as a lubricant for the veneer hammer.

Rollie invited everyone to come up and try making a hammer veneer sample. Most of us did and were successful in gluing the veneer.



Old Brown Glue, Titebond hide glue, and hide glue granules



Glue pots to heat hide glue. The cosmetic wax warmer on the left is available on Amazon for about \$25—\$30. The Hold Heat pot on the right is over \$100. Both work.



Hammer Veneering



Kunz Veneer Hammer

Class Schedule through June 2019

We have settled on our class dates and instructors through June of 2019. We are working on filling in additional information that will be published in the next newsletter and be available on our web site. All classes are held at the Paramount Tech Site Building. 248 - 33rd Ave So, Waite Park, MN 56387. On line sign-up will be available in early July. As more information is available it will be posted at www.thecmwa.com

September 17-21	9am to 4pm	Michael Cullen Bandsawn Boxes. In this class Michael will take students through all the steps to build bandsawn boxes. They are quick to make, requiring little measuring or joinery. The class will also cover surface treatments, embellishments, staining, coloring, and finishing.
October 2 -16 (Tuesdays)	6pm to 9pm	Mark Voigt Beginning Woodworking. Learn the basics of woodworking while building a quality personal project. Power and hand tool safe use will be emphasized while you learn basic woodworking skills.
November 3	9am to 4pm	George Vondriska 1 day CNC. Wondering if CNC woodworking is for you? This class will answer that question. You'll see what it takes to use VCarve Pro software to create designs and toolpaths, and how to set up the CNC router to make your cuts. Already own a CNC? You'll benefit from George's tips and tricks on the VCarve and machine use.
November 16 -18	9am to 4pm	Joe Morgan Marquetry. Packet cut marquetry using scroll saw. Learn the fine art of marquetry, by creating beautiful images/pictures with wood veneers. This class will focus on the packet-cutting method. Packet-cutting is easier and the quickest way to create marquetry.
December 1	10am to 4pm	Don Peterson Hand made 4 point star 1 day project. Create a four point star out of two different kinds of wood. The star will be made using hand tools only. Each student will leave the class with a star that makes a great gift or Christmas ornament and the skills and knowledge to create more on their own
January 19 -20	9am to 4pm	Mike Siemsen 2 day Tool making. We will be making a traditional double screw vise as shown in Randal Holme and Moxon. Also a mallet, a marking gauge, and a marking knife. You will use hand tools to make these four very useful items for your shop and gain the ability to make more of them as needed.
February 12 -26 (Tuesdays)	6pm to 9pm	Mark Voigt Beyond the Basics of Woodworking – Get ready for spring and warm sunshine by building your own cedar Adirondack style lawn chair. Participants should have basic woodworking skills and will develop more advanced skills during the class.
March 15 -16	10am to 6pm	Friday Lie Nielsen Hand Tool Event
	10am to 5pm	Saturday Lie Nielsen Hand Tool Event
April 6 -7	9am to 4 pm	Mark Laub Embellishments.
May	Open	
June	Steve Latta	

Meeting Schedule 2018

All meetings held at the Paramount Tech Site Building. 248 - 33rd Ave So, Waite Park, MN 56387 unless otherwise noted.

7/18/2018	6p.m.	Picnic	
8/15/2018	7p.m.	Router Workshop	Mark Voigt & Rollie Johnson
9/19/2018		Fieldtrip.	Possibly Urban Boatbuilders
10/17/2018	7p.m.	Design	To Be Determined
11/15/2018	7p.m.	Safety, Board Nominations	Mark Voigt & Don Peterson
12/19/2018	7p.m.	Potluck, Yearly Election, Auction, Roundtable discussion	

CMWA monthly meetings are held at the Tech Center. Address and map on page 2. September 2018 meeting is scheduled as a field trip. Field trip details will be provided as they are worked out.

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