



May 2016
Issue 364

Our Next Meeting

Thursday 7:00 PM
May 19, 2016

Creve Coeur
Community Center
300 North New Ballas Road
Creve Coeur, MO 63141

Guitar building with Joe Mendel

Joe Mendel will give a presentation on how he makes one of his fantastic guitars. Joe's guitars are a work of art and he will also detail his process of how he makes one of his Ukuleles. This will be a great program!.

At Our Last Meeting: Cabriole Legs with Brad Bernhard

Brad started out his talk discussing the history of several furniture styles, starting with the Jacobean period. It was sturdy, heavy and rather straight, but did have a little decoration and was the precursor to more decorative styles. The next period, which was the William and Mary style, showed more decoration and a lighter touch, often with multiple turnings. After the William and Mary style the Queene Anne period of furniture introduced the cabriole leg with various styles of feet. Building on the Queene Anne style, the Chippendale period enhanced the cabriole leg with even more details,

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Brad Bernhard with
his upholstered stool
featuring ball and
claw cabriole legs.

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Toy Committee	
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Jason Ottenson	507.202.6703
Vickie Berry	972.741.1944
Bob Zahner	314.291.1878

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President's Letter May 2016

The upcoming months are going to be great for the guild. First off, we are going to have quite a few pieces of new and upgraded machinery in the Faust Park shop for all of our members to use. Very soon we will have the Sawstop table saw in place. It will take the place of our trusty Delta Unisaw, but it will have quite a few more safety features in place. Not only does it have the flesh sensing technology, but it also has a riving knife and is one of the best engineered saws you'll find. In addition to the Sawstop, we will soon have a new 15" Grizzly planer with a spiral cutter head and a new 17" Grizzly band saw in the shop. In addition to the new tools, the existing 8" joiner will have the cutter head upgraded to the Shelix cutter head. So, if you want to prepare large panels or re-saw and all you lack is the proper equipment, the Guild's shop is the place to go. I'd like to thank Wayne Watson, Dan Coleman, all of the shop monitors and the rest of the executive board for all of their hard work in making the shop a great place to woodwork.

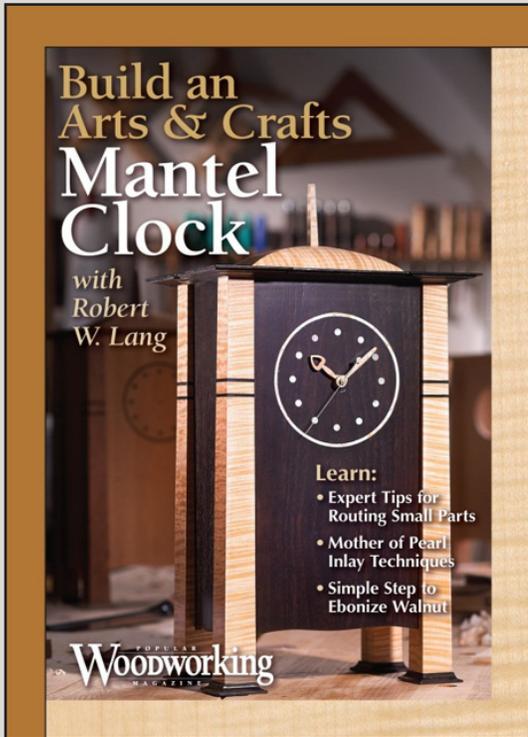
Second, we have a ton of guild activities scheduled for the next few months. In addition to the great programs that Brad Bernhard has set up for us, Bob Brinkman has outdone himself in getting the guild classes scheduled. We'll have classes on Google Sketchup, making compound miters, workshop jigs, making furniture like the chair/ladder and 6 drawer chest. Plus, we have about half a dozen other classes that we are just waiting to have an open weekend to hold them. We also will have a few shop tours coming up. Don Snyder and Tom Tierney have graciously offered to open their shops in the upcoming months. Plus, we'll have a tour of the Quinn Saw Company coming up in July. In addition to all of this, we are in the process of getting Freddy Roman and Boris Khechoyan back to have a class again soon. Pay attention to the Guild website's calendar for everything that is coming up.

Third, we are going to continue to have great programs in the upcoming months. Brad has secured speakers for all of our programs up until mid-2017 and you are going to be really happy with the varied woodworking content and topics he has coming up. This meeting is going to be a fantastic example of the program quality that we'll have presented. Joe Mendel is a professional Luthier who will give our program this Thursday. He will go over all of the steps he takes to make one of his outstanding Ukuleles. You can see some of his work on his website at jmenselfrets.com. See you there!

Mike

DVD Review: Build an Arts & Crafts Mantel Clock

by Robert W. Lang



DVD: 137 Minutes

Publisher: Popular Woodworking Magazine

Robert Lang walks you through a step-by-step process of building a replica of the 1895 Mantel Clock designed by British architect and designer C.F.A. Voysey. The DVD covers the topics from basic wood preparation to final assembly. Mr. Lang also shares tips and techniques during the building process.

The building process is broken down by the major parts of the clocks. Chapter 1 is shaping the legs for the clock. The legs are tapered on two sides and have dados on two sides to hold the front, back, and side panels. He walks you through the basic process of squaring the wood using the jointer and planer. Mr. Lang also shows some of the jigs that he uses for shaping the legs.

The chapters move from section to section of the clock. Most of the complicated work is done on the legs and the molding. The clock has some complex molding that is made using various cuts on the router table. The molding is used to create decorative feet and on the underside of the top. The walnut used for the top, panels, and decorative feet are ebonized. He shows you how to create the ebonizing solution and application.

The face of the clock is made of mother-of-pearl and are parts used for making guitars. Mr. Lang walks you through laying out the spacing for the numbers and the face ring.

A mixture of power and hand tools are used throughout the build. He also uses a common jigs such as a shooting board and miter box. Mr. Lang also uses some sketch-up designs, but the sketch-up process is not shown in the video. He talks about making extra parts in case you make a mistake during the process. Throughout the process Mr. Lang uses a fifth clock leg that he makes the initial/practice cut before cutting/routing one of the actual legs used for the clock.

Most of the video covers the major parts of the pieces on the clock and the build process, but the assembly and finishing of the project are only discussed and the actual process is not shown. Even though the finished clock looks like a complicated build the step-by-step process makes it easy enough for a beginning woodworker.

Announcements

There were 85 attendees, including guests and members, at the April Guild meeting.

Congratulations to Gerald Cohen winner of a \$50 gift card from Rockler Woodworking and Hardware and to Walter Henderson and Jan Null, winners of hardwood lumber from U-Pick Lumber.

Future Workshops

May 21-22, 2016
Advanced Joinery with Mike Sistek and Bob Brinkman

June 25 & July 16, 2016
Ladder chair building with Keith Lissant

July 23, 2016
Building shop jigs with Bob Brinkman

Contact Bob Brinkman to sign up for any of the workshops.

Upcoming Meetings & Events

May 19, 2016
Guitar building with Joe Mendel

May 28, 2016
Tour of Don Snyder's shop

June 18, 2016
Tour of Tom Tierney's shop

Toy Report

TOY TALLY

263 Collected – April
2,036 Collected – YTD
471 Delivered – April
1,449 Delivered – YTD
44,177 Delivered - Since 1994

Thank you to our March contributors:

Vickie Berry
Willie Blue
Keith Lissant
Steve Briner
Rich Sanders
Bob Zahner
Jerry Lammers

OVER 100 CLUB

Rich Sanders - 426
Charlie Gorla - 314
Wayne Humphrey - 233
Bob Zahner - 179
Keith Lissant - 177
Jerry Lammers - 124
David Knudson - 114

2016 TARGET and CHALLENGE

Progress towards our 2016 targets:

3,000 delivered items
48% achieved
30% member participation
11% achieved

PATTERN CHALLENGE

Thanks to all our members who brought in their favorite wooden toy/object pattern to the April meeting. If you missed submitting one, not to worry, know you can submit one at any meeting. We'll be working on getting them posted to the web site.

The toy committee consists of Wayne Humphrey (314-440-2173), Jason Ottenson (507-202-6703), Vickie Berry (972-741-1944), and Bob Zahner (314-291-1878). Please call us with comments, suggestions, or if you need to arrange pickup or delivery of toys.

At Our Last Meeting: Cabriole Legs with Brad Bernhard continued from page 1

including much more use of the ball and claw style of feet. The following period of the Federal style saw an end of the curves and the beginning of intricate veneer work.

Brad also showed *The Gentleman and Cabinetmakers Director*, a book by Chippendale, which was a guide for builders of the time showing different woodworking techniques of the period.

After a brief history lesson, Brad moved on to the construction of a small oval stool with ball and claw feet. The stool was built out of mahogany, which is good to work with and period accurate. The construction started with the oval top, which was made from four 3" thick pieces of wood that were assembled with mortise and tenon joinery.

Next, Brad moved on to carving the legs. He made sure to pick out straight-grained, defect-free material that was rift sawn for the best appearance. Each blank of wood needed to be cut on the bandsaw next to remove most of the material before he moved on to the turning, so Brad made a full-sized template to transfer the layout to both sides of the parts and then roughed out the legs.

Before Brad got too deep into working on the legs he moved on to fitting the legs to the top and then on to shaping the top, which was roughed out on the bandsaw and then fine-tuned with a spindle sander and detailed with different router bits.

After the top was finished and the legs fit, Brad moved on to the fun part – carving the ball and claw feet. Brad used a variety of hand tools, including a handsaw, gouges and rasps. Brad said that he spent approximately six hours for each ball and claw carving, but has seen them done by more experienced carvers in as little as 30 minutes.

After the legs were carved, Brad attached the legs and started working on the knees and the



bracing, which was a detail of the Chippendale style. The knees to this point had not been carved and only once the legs were attached did Brad work on forming the knees and fitting them to the top.



After all of the detail work was finished, Brad moved on to staining the piece with reddish brown Transtint dye stain and it was finished with Seal-a-cell.

After the woodwork was complete, Brad moved on to the upholstered top, which was a first for him and capped of the project nicely.

Brad brought many of his templates, jigs and tools to show during the presentation along with plenty of photos so we got a great feel for the entire process.

Brad did a fantastic job on the stool and equally well on the presentation. Thanks, Brad!

Show and Tell



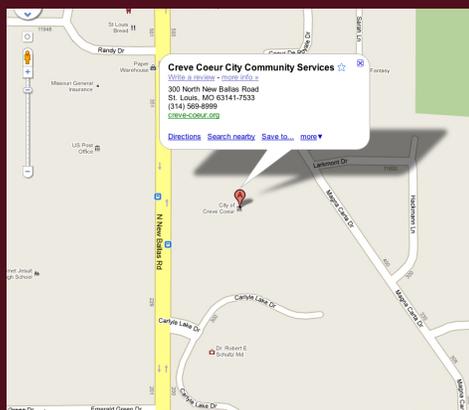
Walter Henderson – Walter showed his latest musical creation, a dulcibro, which is a mix of a dobro and a dulcimer.



Mike Peery – Mike showed a skidsteer loader made of maple and walnut.

Meeting location.

Creve Coeur Community Center, located at 300 North New Ballas Road, St. Louis, MO 63141.



Membership Application

Name _____ Date _____

Address _____ City _____

State _____ Zip _____ Phone _____

Occupation _____

Type of woodworking you enjoy _____

E-mail address _____

Where did you obtain this application and learn about this Guild?

If you would like to join the St. Louis Woodworkers Guild please attend our next meeting or mail this application and your check for \$30 for one years dues to: St. Louis Woodworkers Guild, P.O. Box 411766, St. Louis, MO 63141-9998