



A local chapter of the
American Association of
Woodturners

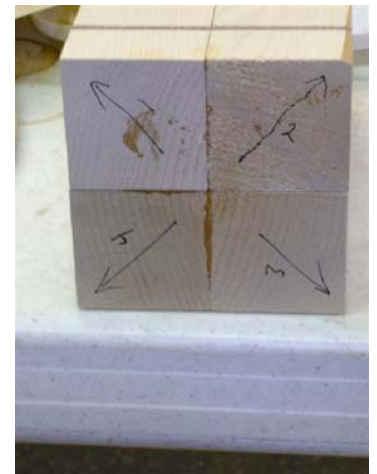


Inside - Out Turning Demonstration

For April's demonstration, Ed presented us with the steps taken to create an inside out turning. The basic process is as follows: Four square sections of equal length wood are temporarily fastened together with what will be the insides facing out. The assembly is chucked in the lathe, and the inside profile is turned. The sections are removed from the lathe, separated, and permanently glued back together with the turned profiles facing inwards. The glued assembly is rechucked, and the outside is turned to a pleasing shape to go with the inside profile.

That is an extremely simple description of the process. The true project takes a great amount of precision and preparation. This is a big part of creating a successful piece.

Regardless if you are creating your work from one large stock cut into four equal pieces or from a long piece of stock, both methods need to end up with four pieces that have 90 degree corners and all pieces are the same dimension of square stock. With all pieces being of equal length, the next step is to use a table saw to cut one notch on all sides of one end of the pieces and two notches on the other ends. These notches are used to line up the stock when it is glued together for turning. Ed had created a jig where these notches fit into a thin strip of masonite to aid in the alignment when gluing up the blank. Using superglue the four pieces are glued up with the outside faces set together to the inside, keeping the glue on the outside edge of the notches, so the pieces can be separated easily after the first turning.



So now we're ready to do some turning! With the piece in the chuck, make sure that the blank is centered. This insures that the finished piece will have even thicknesses. You are first turning what will be the inside profile of the work. Ed cut a half round cove. After making sure the profile was what he wanted, with crisp edges. The block is cut apart at the notches, the pieces are rotated 90°. Then using the remaining notch it is glued permanently together. Be sure to get the glue right to the edge of the inside profile, especially if the walls will be turned thin.

Back to the lathe, with the stock centered it is time to work on the outside profile of the piece. As you turn the outside of the piece, Ed stressed to be careful with cuts you were taking as part of each cut is air, the exposed sections of the previously turned inside.



As you work on the outside of the turning, your care in preparation will start to become evident. The corners of the open spaces to the inside will be uniform and have clean corners, and the thickness or thinness of the wood will be uniform. As the piece is spinning, you can easily see most of the inside profile and judge how much and where to turn the outside to match. Start on the tailstock end of the turning, to keep the support of the piece from the

chuck. Stop the lathe often to get a better look at the progress of the piece.

Whatever tool you use, make sure it's very sharp--this technique is prone to tear-out on the trailing edges of the segments, and a sharp tool will help to keep sanding to a minimum.

With the tailstock end completely finish, begin turning towards the headstock side .

Practice and perseverance along with your precise preparation are the keys to inside-out turnings.



Saturday Learn to Turn Workshops

The education committee has been working on the Saturday Learn to Turn programs. So get out your calendars and get ready to learn. The first program on the calendar is a tool sharpening on May 22nd. The program starts at noon, Chip Siskey and Ed Bergstedt will be going over sharpening you turning tools. Then in June, with your sharpen tools we will be exploring the basics of spindle turning.

Classes are being planned for the rest of the year. If you have an interest or would like to help with these classes please contact Ben Hayes or John Burright



WOOD CHIPS

Club Events Calendar

All events are held in the basement of the building at 9701 W 67th Street, one block west of I-35 in Merriam Kansas. The entrance is on the west side of the building.

Board of Directors:

Rick Bywater
913-897-0765

Bob Burns
913-757-3484

Ben Hayes
913-724-1157

Robert Holiday
913-461-4437

Jerry James
816-322-3704

May

05/03 - Board Meeting 7:00 pm

05/08 - 2nd Saturday Workshop 8:30am to Noon

05/10 - Club Meeting 7:00 pm

05/23 - 4th Saturday Workshop 8:30am to Noon

05/27 - 4th Thursday Workshop 6:00 - 9:00 pm

April

06/07 - Board Meeting 7:00 pm

06/12 - KCWT/KCWW Open House 10:00am to 4:00pm

06/14 - Club Meeting 7:00 pm

06/22 - 4th Thursday Workshop 6:00 - 9:00 pm

06/24 - 4th Saturday Workshop 8:30 am to Noon

June's Open House

The Kansas City Woodturners and the Kansas City Woodworker's Guild are having a joint open house Saturday, June 12th from 10:00 a.m.— 4:00 p.m. We would like to have people turning a variety of projects and talking to the attendee during the whole time. Make a plan to come and help show off our facilities. This should be a good way to attract new members to the club.

May's Demonstration

Jim Faherty will be showing us how to create a three corner bowl.

New Member

Welcome to David Sipp our newest member.

Officers

President:

Ed Bergstedt
816-520-0935

pres@kcwoodturners.org

Vice-President:

John Burreight
785-766-9219

vp@kcwoodturners.org

Treasurer:

Kevin Neelley
913-492-6522

treas@kcwoodturners.org

Secretary:

Don Grimes
913-962-2060

sec@kcwoodturners.org



Woodcraft Supply
 8645 Bluejacket Rd.
 Lenexa, KS 66214
 (913) 599-2800

Store Hours

Mon, Tues, Wed, Fri 9 am—7 pm
 Thurs 9 am—9 pm
 Saturday 9 am—6 pm
 Sunday 9 am—5 pm

As a member of KC Woodturner, you receive a 10% discount except for on sale items and power tools. Make sure you present your KC Woodturner Card.

Craft Supplies
 1287 E 1120 South
 Provo, Utah 84606
 1-800-551-8876



4452 South Noland Road
 Independence, MO 64055-4743

Jeff Edemann offers KCWT members 10% off all items except sale items and power tools. Ask Jeff about any discount on power tools.



816-892-3398
 800-456-2148
 Fax 816-753-0250
 3001 Southwest Blvd.
 Kansas City, MO 64103-3616

10% discount on lumber and supplies to all KC Woodturners Chapter members when you present your membership card!