

WORKSHOP 2

Joinery, Making a Box, Finishing

Date/Time: Saturday, October xx, 9 am to 12 noon

Location: tbd

Mentors: tbd

Content: Follows Fine Woodworking.com video “Getting Started in Woodworking” Season 1, Simple Joinery, Make a Box parts 1 & 2, Oil & Wax Finish

Description:

Basic Joinery: Discussion (Show & Tell); Right angle butt joint, variations (screwed, biscuit, rabbet, dado, groove, cope & stick); Dove Tail joint & variants (thru, half blind); Mortise and Tenon Joint & Variants (Blind, Through, Through with Wedge); Wood Expansion & Contraction: (Moisture Meters); Discussion....

Make a Box (notched joinery corners, plywood bottom, small inset handle on top)

Mark corner notched joint (plans, pencil, combo square, marking gauge with knife edge) Cut hard shoulder cross grain (chisel); Hand-cut line with grain (back saw, Japanese saw); Remove notch cross-cut (back saw); Pare notch smooth (chisel); Repeat on 3 other side pieces; Pare notches for a good glueable joint; Cut stopped rabbet for bottom on four sides (table mounted router with rabbet bit); Pare round rabbet stops square (chisel, corner chisel); Drill hole for handle (drill, drill press, 1 ¼” Forstner bit); Cut mortise for handle (small chisel); Dry fit and glue the box; (clamps, clamps, more clamps); Cut bottom to fit and install it; Taper box sides (low angle block plane); Measure top to fit inside box & cut rabbet (router table); Trim box top to fit outside edges; Sandpaper everything; Apply finish.

Oil & Wax Finish

Surface preparation (sanding, grits, techniques, dust mask, dust collection, raise grain & re-sand; Burnish the wood surface (technique, what it does); What oil & how to use it; Additional layers; Final polishing. Discussion of article, “An Oil-and-Wax Finish” by Charles Shackleton in Fine Woodworking

WORKSHOP 2 (concluded)

Preparation:

1. Register with Bob Mills at 248-535-6718 or 248-540-8658
2. View the "Getting Started in Woodworking" videos, Season 1, sessions 3,4,5 & 9 at <http://www.startwoodworking.com/getting-started/season-one>
3. Download and read the article "A Small Elegant Box" by Gary Rogowski at <http://www.startwoodworking.com/sites/startwoodworking.com/files/sushi-box-plan.pdf>
4. Other articles to read from Fine Woodworking if you have the issues available. Our library will have copies of the articles at the MWG monthly meetings.
 1. "An Oil-and-Wax Finish" by Charles Shackleton in Fine Woodworking #175 (Jan/Feb 2005) at <http://www.finewoodworking.com/fwnpdf/011175054.pdf>
 2. "Which Finishes are Food Safe" by Jonathon Binzen, Fine Woodworking #124 .
(Can we make these articles available on the MWG website as well?)
5. Show up with enough milled wood to make the box as drawn in the article. The pieces can be cut to length with a bench top chop saw during the workshop (maybe...tbd).
6. Bring any of the tools used in the video which you own and want to use, except a router. The stopped rabbet for the box bottom will be cut using a table mounted router from the mentor's shop.
7. Questions? Call the workshop mentor.