



Make A Classic Shop Stool With Chris Gochnour

June 8-9, 2019

I look forward to our time together this June building a classic shop stool. This stool is an ideal addition to every home and woodshop. They are sturdy, useful and attractive. Their intriguing design is simple with a touch of complexity. Best of all, these stools are a lot of fun to build. At the end of the workshop you will have a real understanding of layout and execution of angled and compound angled mortise and tenon joinery.

Class Overview

This workshop includes a series of skill-building activities. Here is an overview of each day:

SATURDAY

- Introduction by Marc Adams
- Workshop introduction and overview by Chris Gochnour
- Power tool and safety overview by Marc Adams staff
- Layout mortise and tenons on stretchers
- Cut mortises with hollow chisel mortiser
- Cut tenons on the table saw with a dado blade
- Draw bore and assemble stretchers
- Layout compound angle tenons on stretcher ends
- Cut tenon shoulders with a backsaw
- Cut tenon cheeks on the band saw
- Mortise legs using hollow chisel mortiser

SUNDAY

- Fit stretcher tenons to the legs
- Draw bore and assemble stretchers to legs
- Route dish in stool seat
- Layout seat mortises
- Bore out mortise waste with hand drill
- Refine mortises with chisels
- Cut tenons on the leg tops using table saw and dado blade
- Dry assemble the stool
- Taper and round over the legs
- Band saw the seat to 12" diameter circle
- Shape the bull nose profile on seat edge using router table
- Glue up stool
- Flush trim and clean up joinery and surfaces in preparation for finish

Tool List

Please bring the following suggested tools:

- Roughing plane (#5 or #6)
- Block plane
- Plane for trimming tenon cheeks (shoulder plane or rabbet block plane)
- Dovetail or small tenon saw
- Bench chisel set
- Sliding T bevels (one or preferably two)
- Marking knife
- Small 4- to 6-inch machinist or combination square
- Tape measure
- Pencil
- Carver's mallet

If currently in your tool collection the following tools may also be helpful, but are optional:

- Jointer plane
- Flush cut saw (Veritas brand is ideal)
- Dividers (8- to 10-inch). A pencil clasp or other arrangement for turning dividers into a compass.
- 6-inch steel rule
- Card scraper
- Flat soled spoke shave
- Concave soled spoke shave