

## WORKSHOP 7

### Building a Workbench

**Date/Time:** Saturday, Xtember ??, 9 am to 12 noon

**Location:** Mentors Workshop

**Mentors:** TBD

**Content:** Follows FineWoodworking.com video “Getting Started in Woodworking” Season 2, “How to Build a Workbench” Session 8, “Workbench Top and Vice” Session 9, and “Ten Workbench Tips” Session 10.

**Description:**

1. The student woodworker will construct a basic 24” x 62” workbench from provided plans (See the Preparation section below for access to the plans)
2. The workbench will be built using selected construction grade lumber to eliminate the need for any additional surfacing of the lumber.
3. The top will be made from two pieces of flat stock cut from a sheet of ¾”x 4’x 8’ medium density fiber board (MDF), glued and screwed together to achieve a 1 ½” thickness. Material from the MDF sheet will also be used to make a lower shelf.
4. The workbench is designed to be constructed with mechanical fasteners that allow for ease of disassembly and portability.
5. The student will learn the skills to build the bench using powered hand tools, i.e., circular hand saw, drill motor, and router. The student may use his own powered hand tools or they will be provided by the mentor. A table saw may also be used in place of a circular hand saw for some of the cuts at the discretion of the mentor and agreement of the student.
6. Simple jigs will be built to facilitate making accurate cuts with the powered hand tools.
7. If desired, a wood vise provided by the student can be installed on the bench. If a vice is not installed during the workshop, the installation procedure will be discussed so the student can install a vice at a later time.

## **WORKSHOP 7** (concluded)

### **Preparation:**

1. Register with Bob Mills at 248-535-6718 or 248-540-8658
2. View the “Getting Started in Woodworking” videos, Season 2, Sessions 8, 9, & 10 at <http://www.startwoodworking.com/getting-started/season-two>
3. Download, read and understand the article “Simple, Sturdy Workbench” at <http://www.startwoodworking.com/sites/startwoodworking.com/files/free-workbench-plan.pdf>
4. Contact the Workshop mentor to discuss use of his or your tools and cost of the materials for the workbench. Also, if you have a vice which you want to install on your workbench, indicate that to the mentor as well.
5. Determine what height you want your workbench to be. Suggestions on how to make this decision are included in video, referenced in item 2 above.
6. Make accommodations for transporting the workbench frame and top after the workshop is complete.