

## WORKSHOP 3

### Sharpening Basics, Block Plane Tune Up

**Date/Time:** Saturday, Xxxtember TBD, 9 am to 12 noon

**Location:** 3126 Courtfield Drive, Rochester Hills, Mi. 48309

**Mentors:** Tony Gigliotti, Bob Mills

**Content:** Follows FineWoodworking.com video “Getting Started in Woodworking” Season 1, video 7 “Sharpening Basics”, & 8 “Block Plane Tune Up”.

**Description:** This workshop covers how to sharpen a chisel or plane blade, with hands on experience. Tuning up a plane (specifically a low angle block plane) is also covered.

**Sharpening Basics** Float (plate) glass/sandpaper set up (glass plate, 220 and 320 grit sandpaper, spray adhesive); Flatten back of chisel or plane iron (1/2” chisel, and/or block plane iron); Hone back of blade (water stones 1000, 4000, 6000, 8000 grits); Grind main bevel (variable speed bench grinder, white grinding wheel, angle calibration card); Grind micro bevel (Veritas Sharpening Jig, water stones 1000, 4000, 6000, 8000 grits)

**Block Plane Tune Up** Discussion and demo of block plane uses; Block plane parts (cap, iron, blade adjusters, mouth adjustment mechanism, plane body (casting); Tools used for tuning (flat files, 3 grits sandpaper, spray adhesive, flat surface (glass, saw table, joiner table); light machine oil); Clean burs and manufacturing dirt from mouth mechanism and tracks; Reinstall mouth adjustment mechanism and flatten sole on sandpaper (multiple grits); Clean and sandpaper end of cap; Remove adjustment mechanism and file mouth opening accurately; Oil and reinstall blade adjusters, Replace iron and cap and wax plane sole lightly; Adjust blade depth for light cut. Use it!

### **Workshop 3** (concluded)

#### **Student 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 6 & 7. At <http://www.startwoodworking.com/getting-started/season-one>
3. Read the article “All About Sharpening” by Scott Gibson at <http://www.finewoodworking.com/SkillsAndTechniques/SkillsAndTechniquesAllAbout.aspx?id=3017>
4. Bring at least one chisel (1/2”) to sharpen and a regular or low angle block plane to sharpen and tune up. Tiles and/or float glass with appropriate grit sandpaper will be provided for your use. Scrap wood will be available for you to evaluate your sharpening work.
5. Please call the workshop mentor Tony Gigliotti, with any questions or concerns which you may have.
6. Recommended Reading: “Grinding: Use Your Tool Rest Only as a Fence”, by Frank Klausz in *Fine Woodworking* #29