



TECHNIQUES FOR SHARPENING EDGE TOOLS, SET UP & USE WITH CHRIS GOCHNOUR June 13-14, 2020

Message from instructor

I'm excited to spend a couple of days with you this summer at the Marc Adams School of Woodworking. I will share the ins and outs of sharpening, set-up and usage of edge tools. Hand planes, spoke shaves and scrapers are an incredible asset, not only in a traditional workshop, but in a contemporary workshop with lots of machine tools. Knowing how to tune, sharpen and set up these tools unlocks the full potential of skilled woodworking. Completion of this class will be a big step towards hand tool mastery.

The class will be segmented into three groups of hand tools: Hand planes (bench, block and joinery), spoke shaves and scrapers. Within each group I will demonstrate how to tune up, sharpen and set up the planes. Students will then have time allotted to tune up, sharpen and set up their own tools. I will then demonstrate each tool in various workshop situations.

Overview of two days

The class schedule will work as follows:

Saturday

Sharpening overview that covers grinding and honing techniques and tool selection

Bench planes

Block planes

Sunday

Joinery planes

Scrapers

Spoke shaves

Tools surveyed

We will be surveying an extensive range of tools. It's not expected that each attendee will bring all of the tools we discuss. In fact, you are welcome to come without any tools. The class will help you understand what to look for as you acquire your own collection. The school also has tools that we will tune and use. Basically, if you have tools, bring them. If not, you'll be just fine.

Bench planes

Smoothing (#3, 4 and 4 ½ or equivalent)

Fore Plane (#5 and 6 or equivalent)

Jointer Plane (#7 or 8 or equivalent)

Block planes

Low angle

Standard angle

Joinery planes

Shoulder plane
Skew block plane
Rabbet block plane

Scrapers

Card scraper
Cabinet scraper (#80 or equivalent)
Scraper plane (#112 or equivalent)

Spoke shaves

Flat sole
Round sole
Concave sole

Supplies and other tools to bring

Here is a list of other tools and supplies that students are encouraged to bring. The list is extensive. Students are not expected to bring everything on the list, but rather to bring what they have. The school will make available what students don't bring. Email me if you have questions pertaining to the ideal supplies.

- Bench stones of your preference (coarse, medium and fine with appropriate lubricant – oil or water spray bottle)
- Honing guides of your preference
- Sandpaper for lapping blade backs. Bring one sheet of each – 120, 180, 320, 600, 1000, 1500 and 2000. I will have sheets available for sale at cost.
- Paper towels for sharpening clean up (Sharpening uses a lot of paper towels)
- Sharpie markers
- 8-inch mill file
- Scraper burnisher
- Light machine oil (3 in 1 or Camillia)
- Flat head screwdriver
- Bring wood for planing – Soft, medium, hard, mild-grained or highly figured

Let's make it a great class.

Sincerely,

Chris Gochnour
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