

Turning Small Decorative Boxes with Matthew Hill July 13-17, 2020

In this class we will devote a good bit of time to learning the techniques that make box making so enjoyable. Participants will also be encouraged to think about what makes good design. Everybody's starting point is different and our goal as instructors is to meet you at that place and encourage and challenge you to move ahead.

COURSE OUTLINE:

Monday

Review spindle turning tools and techniques.

Practice coves, beads, and detail cuts with spindle gouge.

Review cuts with skew chisel.

Demo & practice cutting & shear scraping end grain. Amount of review depends on general skill level of class.

Tuesday

Demo of making an end grain lidded box.

Begin making first box out of 16/4 material.

Demo on applying dye stains and lacquer with spray gun.

Wednesday

Continue with first box.

Begin second box out of 12/4 stock.

Demo making a handle. Demo on adding color with various media.

Introduction to surface treatment

Thursday

Work on projects.

Friday

Finish up projects.

Question and answer session. Clean-up.

TOOL LIST

- 1) Spindle roughing gouge, 1 1/4" or 1 1/2" is best
- 2) Parting tool
- 3) 3/8" Spindle gouge
- 4) Skew chisel, non-oval type
- 5) 1/2" Round nose scraper. The one I make is the easiest to use of any I have tried. \$50.00 unhandled. Contact me before class if you wish to purchase one from me.
- 6) Berger Hollowing Tool. This is an end grain cutting tool that I use primarily for roughing out the inside of boxes. It is easy to use and very efficient. I buy just the tip and make my own boring bar. They are also sold already mounted.

- 7) One Way Termite tool for making finishing cuts on end grain. I use the small cutter only. Here again you can buy just the cutter and make your own boring bar or purchase the cutter already mounted. * I use the Berger tool, the Termite tool and the round nose scraper when turning the inside of a box. However the entire process can be done with just the scraper. If you are attempting to be conservative in your purchase of tools then buy only the scraper. If you wish to add another hollowing tool then I would purchase the Termite tool.
- 8) Fine diamond hone, credit card type works well. You will also need a diamond slip. DMT makes diamond cones that will work as a slip. Purchase one small enough to fit inside 3/8" detail gouge. You can also purchase a high quality diamond slip from Alan Lacer at alan@alanlacer.com
- 9) Burnisher for pulling up a bur on a scraper. I like the polished carbide one that Alan Lacer sells.
- 10) Dividers and calipers
- 11) Safety glasses, minimum, but prefer face shield with safety rating Z87+ ANSI Standard
- 12) Wood burning and carving tools -- If you're interested in some of the burned textures that I do, then bring a Weller 80 soldering iron.
- 13) For shooting lacquer and dye stains I use what is referred to as a touch up gun. If you already own such a gun it would be helpful to bring it. No need to purchase one for the class. If you are already using an air brush you might want to bring it.

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