

BASIC WOODWORKING COURSE OUTLINE
WITH MARC ADAMS
May 7-11, 2012

MONDAY

- I. Orientation to shop - week in review
- II. Design
 1. History of furniture
 2. Square/joinery/shape
 3. The process of Form, Function and Fit
- III. Understanding wood
 1. Movement, grain, strength
- IV. Joinery
 1. Joint selection
 2. Sharpening, cutting dovetails

TUESDAY

- I. Joinery continued
- II. Veneering
 1. Parquetry project
 2. Pressing veneer
- III. Tool safety review - all power equipment
- IV. Adhesive session
- V. Start on the table top
- VI. Cookout and instructor's slide presentation

WEDNESDAY

- I. Finish sand the top
- II. Start the joinery and gluing process for the legs
- III. Make the center column
- IV. Clean up and finish sand the parquetry project

THURSDAY

- I. Clean up the legs
- II. Glue the legs to the center
- III. Start the shaping process on the legs
- IV. Edge the table top and sand to 150 grit

FRIDAY

- I. Finish gluing the legs to the center
- II. Finish the main trunk and drill for the top
- III. Finish sand and prepare to finish at home
- IV. Discussion of the finishing process
- V. 3:00 shop clean-up

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TOOL LIST

I'm very excited about our time together this summer. The following is a list of the hand tools that you should bring to the class. I am pretty sure that I have accounted for every hand tool that you will need, however I would encourage you to bring any extra tool(s) that you feel that you might need. You will not need to bring any power hand tools.

This class will have a material fee of \$90 for the sculpted night stand. The material will be oak and I prefer that you not bring your own wood. We have already selected and roughed out the stock for the class. Our construction process will require a production format. In order to assure proper joinery for the table all wood must be processed from the same planer.

1. Straight bench chisels, at least a set of 4 sizes. The best sizes to use are; 1/4", 1/2", 3/4", and 1". I recommend the Two Cherry brand available at Rocklers or Woodcraft.
2. #474 Bahco rectangular scraper (or any you have). If you have curved ones bring them. A triangular burnishing tool would be nice, but not necessary.
3. Nicholson 6" metal milling file, smooth cut. This will be used to true up the edge of the Bahco scraper.
4. Sliding "T" bevel, marking gauge, tape measure, 12" or 24" metal ruler.
5. X-acto #11 knife with extra blades.
6. 4" or 6" square. The metal engineering squares are best.
7. Pencils, erasers, and a note pad.
8. 12 oz round wooden or plastic mallet, or hammer.
9. A roll of 3/4" masking tape (the blue tape is nice) and a sink sponge.
10. Nicholson #49 or #50 cabinet rasp. One or the other, they are expensive but worth it. The #49 is the common one.
11. A Japanese Saw Rasp, available from the Japan Woodworker.
12. Fine Toothed Dovetail Saw (preferably a Japanese saw).
13. A good quality glue scraper, to scrape off the excess glue from the top.
14. A 1/2" dowel rod and a 5/8" dowel rod, for contour sanding the legs.
15. A Self healing cutting mat, for cutting veneer. Which can be purchased at fabric or craft stores; such as JoAnn's, Michael's...
16. A 30-60-90 drafting triangle and a 45-45-90 drafting triangle.
17. Safety equipment: safety glasses, ear plugs, and dust masks.

Pictorial Toollist - Basic Woodworking with Marc Adams

