

METHODS OF WOODWORKING:
TAKING YOUR WORK TO THE NEXT LEVEL
with MARC ADAMS
April 29-May 3, 2019

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. The school has a lot of extra hand tools, but not a lot of extra carving tools. If you don't already own carving tools, I recommend that you at least buy a starter set of 6 to 8 common tools. These sets are available at Woodcraft.

1. Straight bench chisels, at least a set of 6 sizes. The best sizes to use are; 1/8", 1/4", 3/8", 1/2", 3/4", and 1"
2. #474 Sandvik (Bahco) rectangular scraper (or any you have). If you have curved ones bring them. And a Nicholson 6" metal milling file, smooth cut. This will be used to true up the edge of the Sandvik (Bahco) scraper.
3. Sliding "T" bevel,
4. Marking gauge
5. Tape measure
6. 12" or 24" metal ruler
7. X-acto #11 knife with extra blades.
8. 4" or 6" square. The metal engineering squares are best.
9. Any carving tools that you have. At least bring the following:
 - Straight tools with bevels on both sides 1/4", 3/8", 1/2", and 3/4"
 - Gouges #5-20mm #7-14mm #8-13mm #9-10mm
 - Veiner #11-10mm #7-5mm
 - Parting tools 1/4"-45 degree 3/8"-60 degree
10. Chip carving knife, preferably a Lee Ferguson, Model C-1 for approximately \$25- \$30.
<http://www.fergusonknives.com/woodcarving-knives>
11. 12 oz round wooden mallet, and a hammer
12. A roll of 3/4" masking tape (blue tape), and a sink sponge
13. Two pieces of mirror 12" by 12" These can be purchased at Home Depot.
14. Nicholson #49 or #50 cabinet rasp. One or the other, they are expensive but worth it. The #49 is the common one. BRING WORK GLOVES.
15. Fine tooth dovetail saw (preferably a Japanese saw)
16. Pencils and erasers.
17. A self healing cutting mat. If you can find an Xacto 24" by 36" buy it.
18. Dividers, and a good compass
19. A Japanese Saw Rasp available from Japan Woodworker (do not get the offset handle)
20. A laminate trim router and a 1/4" straight bit (or smaller). If you do not have a trim router, don't worry as we have a few extras.
21. Workbench lamp
22. A 30-60-90 and a 45-45-90 degree drafting triangles.
23. Safety equipment: safety glasses, ear plugs, dust masks

Monday the joinery day

1. Orientation, review the objectives, introductions
2. Review the process of joinery and sharpening
 - Cut dovetails by hand including lap dovetails
 - Cut through, and lap mortise and tenons
 - Cut special decorative joints
3. Review joinery for the table project
4. Practice

Tuesday the veneer day

1. Discuss veneer, how it's cut, adhesives, cores
2. Practice cutting veneer
 - Cut different matches, butt, diamond, quartered
 - Cut parquet patterns
 - Cut radial matches
3. Press samples and clean up

Wednesday the carving day

1. Starting in clay, how to work with it, and preserve it
2. Tool sharpening, how to hold the tools
3. Working the grain
 - Carve a shell
4. Chip carving by Herman Bueno - tentative (evening session)
5. Inlay techniques including stone and precious metal

Thursday the shaping day

1. Finish inlaying project
2. Creating lines
 - Practice making hard and soft lines
 - Sculpt a union of 3 pieces of wood to flow
 - Create a twist
3. Using power grinders
4. Gilding and patination on metal
5. Surface decorations

Friday the design day

1. Doodle
2. Start designing the table
 - Make foam mock-ups
 - Make cardboard full scale mock-ups
3. Make full scale drawings and patterns