

Syllabus

Finishing Class

1. Introduction:

- a. Review the value of finishing wood – why bother?
- b. Qualities that finishing brings to furniture
- c. Choosing a finish

2. Preparing surfaces for Finishes (lecture, demo, hands on practice)

Prepare surfaces for Sanding

- a. Glue splotches
- b. Dents/Holes/Gouges
- c. Wood putty
- d. Wax sticks

Sanding/Scraping/Smoothing (lecture, demo, hands on practice)

Sandpaper

- Overview of Sandpaper
- Minerals
- Grits
- Handsanding & Machine sanding

Scraping

- What are they? How to use them

3. Changing the texture of Wood (lecture, demo, hands on practice)

- Pore filling
 - o Overview
 - o Types of pore filler
 - o How to do it

4. Changing the colour of wood (lecture, demo, hands on practice)

- a. Introduction to dyes & stains
 - o Pigment
 - o Dyes
 - o Wiping
 - o Oil, water, varnish, lacquer based stains
 - o Gel, NGR
 - o Chemical Stains
 - o Shading stains
- B. End grain staining
- Wash coats
- Problems and How to Fix them

5. Oil Finishes (lecture, demo, hands on practice)
 - a. Overview
 - b. How to apply
 - c. Problems and How to fix them

6. Wax Finishes (lecture, demo, hands on practice)
 - a. Overview
 - b. How to apply
 - c. Problems and How to fix them

7. Introduction to Film Finishes
 - a. What are they?
 - i. Types of film finishes
 1. Curing
 - a. Evaporative
 - b. Reactive
 - c. Coalescing
 - ii. Solvents & Thinners
 - iii. Compatibility

8. Shellac (lecture, demo, hands on practice)
 - a. What is it
 - b. How to apply
 - c. Common problems

9. Lacquer (lecture, demo, hands on practice)
 - a. What is it
 - b. How to apply
 - c. Common problems

10. Varnish (lecture, demo, hands on practice)
 - a. What is it
 - b. How to apply
 - c. Common problems

11. Waterbased finishes (lecture, demo, hands on practice)
 - a. What is it
 - b. How to apply
 - c. Common problems

12. Finishing The Finish (demo and hands on if time allows)

12. Repairing Finishes (Lecture)

13. Wrap Up/Clean up

