

Woodworking 1A: Machinery & Methods

Learning Plan

Module 3.1: Jointer

Overview

Jointing means planing the edge of a board straight, square and true, and was traditionally done with a hand plane. In this Unit, you will use hand planes to straighten and smooth edges of wood, and power Jointers to do the same as well as smooth a single face of rough sawn lumber.

Task	Estimated Time	Actual Time
Reading/Study	1.5 hours	
Observation & Practice	2 hours	
Exercise	1 hour	

Learning Activities

✓ Task

- Read *Modern Cabinetmaking (6th edition)* pp.437-46
- Review Information sheet 1, "Jointer Safety Rules"
- Watch: *Jointers: Parts & Safety* (9:18) <https://youtu.be/ob3V5SVrqAw>
- Complete Skill Activity 1, "Parts and Adjustments of a Jointer"
- Complete Skill Activity 2, "Jointer Table Alignment Procedure"
- Watch: *Jointers: Face Jointing* (5:18) <https://youtu.be/epapUVDIDf4>
- Read *Modern Cabinetmaking* pp.450-55, "Basic Maintenance of a Jointer"
- Watch: *Jointer: Edge Jointing & Rabbeting* (4:53) <https://youtu.be/9hAZpWsjUyo>
- Review Information sheet 2, "Grain Direction Diagram"
- Watch: *Jointer: Beveling, Chamfering & Tapering* (4:58) <https://youtu.be/sHuSht2EtsU>
- Watch the video of the [Jointer Demonstration Checklist](#) (16:27)
- Complete the *Jointer Demonstration Checklist* with your instructor or an approved proxy
- Practice adjusting and using a jointer
- Complete Exercise 3.1, "Using a Jointer"

Assessment Activities

- Self-evaluate and submit with learning plan.