

## Woodworking 2: Materials & Processes Learning Plan

# Module 6: Fixed Spindle Shaper

### Overview

Shaping is the process of making contoured surfaces and edges for decorative purposes or for joinery. This relatively simple machine can do a wide variety of operations depending on the kinds of cutters available. While shapers have a reputation for being notoriously dangerous machines, proper setup and careful use can reduce these dangers considerably.

Task	Estimated Time	Actual Time
Reading/Study	2 hours	
Observation & Practice	2 hours	
Exercise	3.5 hours	

### Learning Activities

#### ✓ Task

- Read *Modern Cabinetmaking (6th edition)* pp. 463-72
- View the video, "Shaper Intro" [https://youtu.be/T4H9atI\\_JYk](https://youtu.be/T4H9atI_JYk)
- Review Info Sheet 1, "Safety Rules for the Shaper"
- View the video, "Shaper: Parts & Safety" <https://youtu.be/3x49k1k2vjk>
- Complete Skill Activity 1, "Parts and Adjustments of a Fixed-Spindle Shaper"
- View the video, "Shaper: Tooling & Accessories" <https://youtu.be/y6kQKVI6184>
- View the video, "Setting up and Making Adjustments" <https://youtu.be/QNgrd5NYwDo>
- Participate in a demonstration with your instructor on a Fixed Spindle Shaper
- View the video, "Shaper Operations" <https://youtu.be/ifYuumL0k8E>
- Complete the "Demonstration Checklist" with your instructor or an approved proxy.
- Apply principles by completing Exercise 6.1, "Shaper Setup" with a partner

### Assessment Activities

- Self-evaluate and submit with learning plan. (Note: each learner submits his/her own exercise).
- Complete the test online.