

# Woodworking 1B: Machinery & Methods

## Learning Plan

# Module 11.1: Routers

## Overview

Portable routers are widely used for shaping the surfaces and edges of stock, and for creating joinery. The router is a versatile tool capable of making internal cutouts, trimming overlays, and doing specialized contouring on wood and composite materials. Mounted in a table, it offers additional stability and efficiency.

Task	Estimated Time	Actual Time
Reading/Study	1 hour	
Observation & Practice	3.5 hours	
Exercise	3 hours	

## Learning Activities

### ✓ Task

- Read *Modern Cabinetmaking (6th edition)* pp. 475-83
- Listen to the presentation "Portable Routers"
- Review Info Sheet 1, "Safety Rules for Routers"
- Observe a demonstration by your instructor on Portable Routers
- Watch the MicroFence videos on your own or as a class (Link on Blackboard)
- Review Information sheet 2, "Router Edge Guide Instruction Sheet"
- Complete Skill Activity 1, "Router Bit Identification"
- Complete Skill Activity 2, "Parts and Adjustments of Portable Routers"
- Review Information Sheet 3, "Template Guides and Pattern Bits"
- Observe a demonstration by your instructor on using a table mounted router <and/or> watch the videos of the **demonstration**: [Demo Video - Part A](#) (15:23)  
[Demo Video - Part B](#) (12:11)
- Review the [Portable Router Checklist Video](#) (13:28)
- Complete the "Portable Router Demonstration Checklist" with your instructor or an approved proxy.
- Apply principles by completing Exercise 11.1, "Using a Portable Router"

## Assessment Activities

- Self-evaluate and submit with learning plan.