

# CNC Router Basics

This class is designed for persons with no previous or limited experience. In this class, you will learn basic skills to begin working with a CNC Router. You will begin with a handmade cutting board that will be provided to you. You will be introduced to the software used to both design and carve your inlay. In addition to designing inlays, you will be introduced to other functions and capabilities of the machine and it's software.

**MACHINES USED:** In this class you will learn how to safely use the following machines:

- CNC Router will be used to carve the inlay into your Cutting Board
- Bandsaw will be used to cut off excess material
- Drum Sander will be used for complete removal of excess material and glue
- Random Orbital Sander will be used to sand surfaces to a blemish free state

**SKILLS LEARNED:** In addition to the machine operation skills shown above, you will also gain the following general woodworking skills in the construction of this project.

- How to create a carve design within the Easel Software
- Proper setup and use of the CNC Router
- Proper glue up
- How to apply a food safe finish.

**Course Duration:** 6 Hours (2 Evenings 6:00 pm to 9:00 pm)

**Dates:** Tuesdays March 2nd & 9th, 2021

**Skill level:** Beginner

**Prerequisite:** None

**Tuition:** \$60.00

**Material Fee:** \$15.00

**Instructors:** Josh Koehler and Steve Koehler

