

# Steps for successfully completing CNC Orientation/Certification

The purpose of CNC Certification is to ensure that Guild members understand how to safely and correctly operate the CNC equipment.

## Steps to Certification

### 1. Join the Guild

### 2. Earn your Green Card by either:

- Rough to Ready, or
- Safety Orientation

### 3. Read all CNC informational documents on the KCWG website

- Go to **KCWG.org**; In the green menu bar hover over **“Shop/Assets”**; In the dropdown menu click on **“CNC Information”**

You should review the following documents

- Overview of the Design Software
- Obtaining Your Free Copy of VCarve Pro
- Instructions for Configuring VCarve Pro
- Getting Started at Home with Makerspace VCarve Pro
- Online CNC Resources
- The CNC Orientation Process
- Using Makerspace VCarve Pro at the Guild
- Understanding CNC Bits
- Suggested Starter Bits
- Bit Feed and Speed

### 4. Obtain your free VCarve Pro software

See the article titled **“Obtaining Your Free Copy of VCarve Pro.”**

### 5. Purchase your own CNC bits

See **“Suggested Starter Bits.”** (Note: The Guild does *not* supply CNC bits.)

## After completing all the steps above...

### 6. Request your first orientation assignment Email **CNCSIG@KCWG.NET** to receive:

- Your first project assignment
- Material (wood), unless you prefer to supply your own

### 7. Once you complete your first assignment, Schedule your first onsite orientation

- Email **CNCSIG@KCWG.NET** to arrange a session with a CNC instructor.

### 8. Continue through the assignment process After each onsite orientation:

- You will receive your next assignment
- Complete the assignment
- Contact your instructor to schedule your next session
- This cycle continues until your instructor determines that you have demonstrated the skills required for safe CNC operation.

### 9. Certification Once your instructor has validated all required skills, you will receive your **CNC Certification**.