

Green, Yellow and Red Tool Training

GREEN Access Level and Orientation *(Draft)*

A GREEN ORIENTATION IS REQUIRED BEFORE USING ANY MACHINE TOOLS AT MAKERSMITHS

Covers general safety and membership at MakerSmiths. During this orientation, you will:

- Hear a brief history of MakerSmiths and why the organization exists
- Understand the membership and operating structure at MakerSmiths
- How the organization operates
- How our membership works and our expectations
- Review general safety procedures for all shop areas at MakerSmiths
- Use safety glasses, tie back hair, roll up sleeves, wear closed-toe shoes
- Locate fire extinguishers
- Understand emergency machine stops
- Other specific safety notes
- Sign a liability waiver

This orientation will permit you to use:

- Hand-held bench tools (files, tap sets, hack saw, etc)
- Hand-held machine tools (circular saws, jig saws, sanders, etc)
- Bench-top machine tools with a **GREEN** tape marking

Green Orientation Class Slides:

YELLOW Access Level and Orientation for the Wood Shop *(Draft)*

The **YELLOW** orientation is a single session for access to multiple machine tools at MakerSmiths. You'll learn general rules of the wood shop and how to use these machines:

- Floor-stand drill press
- Bench-top band saw
- Scroll saw
- Small router table
- Spindle sander
- Belt and disc sander

YELLOW Access Level and Orientation for the Metal Shop *(Draft)*

The **YELLOW** orientation is a single session for access to multiple machine tools at MakerSmiths.

- Grinder (6")
- Drill press
- Shear / Brake / Roller Press
- Horizontal bandsaw

RED Access Level and Orientations *(Draft)*

The **RED** level consists of individual sessions for access to one or more tools.

- Laser Cutter
- Table Saw / Router table / Band saw
- Jointer / Planer (12")
- Small Wood Lathe
- CNC Router Mill
- 3D Printer
- MIG Welder