WOODSHOP INSTRUCTOR

ORGANIZATION OVERVIEW

Generator Makerspace is a vibrant community workspace and innovation hub located in Burlington, Vermont. Our mission is to empower individuals to explore, create, and collaborate through access to tools, technology, and education. We provide a supportive environment for makers, artists, hobbies, and entrepreneurs to turn their ideas into reality.

ABOUT THE ROLE?

Generator Makerspace is seeking an experienced Wood Shop Instructor to lead our regular Wood Shop tool trainings. This foundational class introduces students to the traditional equipment and techniques used to turn rough sawn lumber into usable stock. The ideal candidate is safety-conscious, a confident woodworker, and comfortable teaching beginners in a hands-on setting.

Woodshop Training Schedule and Format

- Two 3-hour sessions on consecutive weeknights (6 hours total)
- Offered once a month
- Maximum of 4 students per class
- Attendance at both sessions is mandatory for students

DUTIES AND RESPONSIBILITIES

- Lead the two-session Wood Shop tool training for beginner students
- Demonstrate safe and proper use of the jointer, planer, table saw, miter saw, bandsaw, drill press, and sanders
- Teach students how to square up rough sawn lumber using traditional equipment
- Introduce core woodworking terms and concepts, including long grain vs. end grain, knots, hardwood vs. softwood, and dimensional vs. dressed lumber
- Enforce shop safety protocols and ensure proper use of PPE
- Maintain a clean and organized shop space before, during, and after sessions
- Complete required safety certifications and demonstrate proficiency in all EUA requirements

DESIRED SKILLS & KNOWLEDGE

Tools & Equipment

Candidates should be proficient with the following, or willing to learn:

- Jointer and planer
- Table saw
- Miter saw
- Bandsaw
- Drill press
- Sanders

The CNC router, hand router, table router, lathe, and miscellaneous hand tools are not part of this training. Advanced tool trainings cover those separately.

Notice: *Familiarity with the tools specified is preferred but is not critical. Training will be provided to bridge any gaps in experience.*

Techniques & Processes

- Milling rough lumber to square, flat, and consistent dimensions
- Reading grain direction and identifying common lumber characteristics
- Safe setup and operation of each machine covered in the class
- Explaining woodworking concepts in plain language to first-time students

Safety & Shop Knowledge

- Proper PPE and safe work habits around woodworking machinery
- Familiarity with Generator's incident report / maintenance request process
- Ability to perform thorough cleanup and return the shop to a safe, ready condition

***Interested applicants are invited to contact education@generatorvt.com.** Please share any relevant woodworking and teaching experience and a phone number.

Generator is committed to building a work community that is inclusive and represents a vibrant diversity of background, experience, perspective and thought. Candidates across all markers of identity (age, race, gender, ability, communication styles, etc.) are highly encouraged to apply.