



Title: Makerspace Trainer

Description: Makerspace Trainers know how to work two or more of our machines, either from having already attended Makerspace open hours as a patron or through their own exploration over time. They will teach other members of the community one-on-one to spread knowledge and access to the awesome tools we have, like the laser cutter, 3D printers, embroidery machine, and more.

Contact: Elizabeth Buckley, Coordinator of Volunteer Services: ebuckley@tcpl.org or 607-272-4557, ext. 226

Supervisor: Cady: 607-272-4557, ext. 247 (cfontana@tcpl.org), and Josh: ext. 250 (jburns@tcpl.org)

Job duties:

- Know how to use at least two of the machines in the Makerspace, and learn how to teach use of the rest of the resources available there
- Apply knowledge of methods and policies for the safe use of machines
- Teach skills to new users in a one-on-one environment
- Communicate in a friendly and inclusive manner with staff and participants
- Help clean up and re-organize materials

Requirements:

- A commitment of at least 6 months (or two consecutive semesters) of volunteering
- Come in for two hours per week or two hours every other week, in one two-hour block per visit
- Attend pre-scheduled group training sessions to become confident using the machines
- Enthusiasm, patience, and a willingness to meet people where they are at—this might mean working with people who are not tech-savvy or who may not come in already knowing exactly what they want to create

List of Technology:

- Prusa 3D Printers
- Epilog Laser Cutter
- Brother Innovis Embroidery Machine and Inkscape Software
- Cricut Cutter
- Bookbinding Press
- Singer Sewing Machines

Impact of your service as a Makerspace Trainer:

Learning maker skills and having access to tools that community members may not have at home are valuable in helping people recognize their capabilities and realize they can creatively make things on their own for no cost.