



**Introducing the library X-Lab:** Your Hub for Creativity and Innovation!

Get certified to use our state-of-the-art equipment and unleash your inner maker!

**What is X-Lab?**

X-Lab is a creative space designed for patrons aged 13 and above to explore their creativity, learn new skills, and make things using a wide range of tools and equipment.

**What can you do at X-Lab?**

With our state-of-the-art equipment, you can:

- Create stunning laser-cut designs on our Glowforge machine.
- Design and print your own 3D objects using our 3D printer.
- Cut and draw on a variety of materials with our Cricut machines.
- Embroider and sew using our Brother SE600 machine.
- Use a range of other tools like metal stamping kits, sharpies, and more to create unique projects.

**What are the usual X-Lab hours?**

**Monday - Thursday** . . . 9:00 AM - 8:30 PM

**Friday** . . . . . 9:00 AM - 5:30 PM

**Saturday** . . . . . 9:00 AM - 4:30 PM

**Sunday** . . . . . 11:00 AM - 3:30 PM

**How do I get certified to use X-Lab equipment?**

Simply attend a 30-minute orientation and sign a waiver.

**Can I bring in my own tools?**

Yes! You can bring in your own tools to use the space, as long as they're not too dangerous.

**What can I make with the Glowforge?**

With the Glowforge, you can engrave and cut a variety of materials, including ceramic tiles, paper, leather, certain types of acrylic, wood, and more. Some things we've made include boxes for organizing, engraved notebooks, keychains, wood engraved photos, plant markers, signs, and coasters.

### **Can I make an appointment to learn how to use the machines?**

Absolutely! You can make an appointment with staff to learn how to use any of the machines.

### **What is the 3D printer?**

Our 3D printers use a digital file to make a 3-dimensional object by melting specific types of plastic and creating layers of this plastic to form the object. Things we've made include toys, small boxes for organization, phone stands, and game pieces.

### **How do I submit a job for printing?**

Anyone with a library card can submit jobs for printing and pay for the finished product by weight (10 cents per gram). Jobs take up to 10 days to be printed.

### **What materials can I cut with the Cricut?**

The Cricut machine can cut and draw on a variety of materials, including vinyl, heat transfer vinyl (iron-ons), paper, cardstock, and fabric.

### **What can I make with the Cricut?**

With our Cricuts, you can make bookmarks, cards, water bottle decals, decorated T-shirts, aprons, tote bags, and pencil pouches, and stencils.

### **What is the Sewing/Embroidery Machine?**

We have a few Brother SE600 machines available for use in the X-Lab. These machines do both embroidery and standard sewing, with a 4x4" embroidery area.

### **What kind of stabilizer fabric do I need?**

Most products require a stabilizer fabric in addition to what you plan to embroider on to help the fabric hold up to the embroidery and ensure it works right. The type you will need varies by project. We offer medium weight stabilizer for 25 cents per sheet. Or you can bring your own of any type.

### **What else can I find in the X-Lab?**

In addition to our state-of-the-art equipment, you'll find a variety of tools like sharpies, metal stamping kits, Xyron sticker makers, irons, and more to help you create unique projects.

