In addition to a traditional wood shop and metal shop, the Fab Lab features several industrial quality digital fabrication tools.

3D / FABRICATION TOOLS

- Universal Laser Cutter 36” x 24” cutting surface
- LPKF Protomat S100 Circuit Board Prototyping Machine
- Dremel 3D45 3D Printer
- Creaform Go Scan 50 White Light Portable 3D Scanner

DYNACNC ROUTER TABLE

The DynaCNC 3 axis CNC table has a 5 foot by 10 foot bed, and a robotic gantry to position a cutter head. It can cut/mill wood, plastics and a variety of other materials.

UNIVERSAL LASER ILS9.150 LASER CUTTER

The ILS 9.150 laser cutter is capable of cutting or etching just about anything except metal. It has a 3 foot by 2 foot bed, and 2 selectable lasers which combine to give it 50 watts of cutting power. The speed, precision, detail, and ease-of-use make this the most versatile and popular tool in the shop.

LPKF PROTOMAT S100 PCB MILLING MACHINE

The LPKF machine is an extremely high precision milling machine for prototyping printed circuit boards. It can produce double-sided circuit boards up to 9 by 12 inches, with 1mil (25um) or smaller traces.
TRAK DPM SX3P 3 AXIS CNC MILL

The Trak mill is primarily for machining precision metal parts, but may also be used to mill other materials including plastics.

**Facility Type:** Lab Space

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