DIGITAL FABRICATION

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

**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.