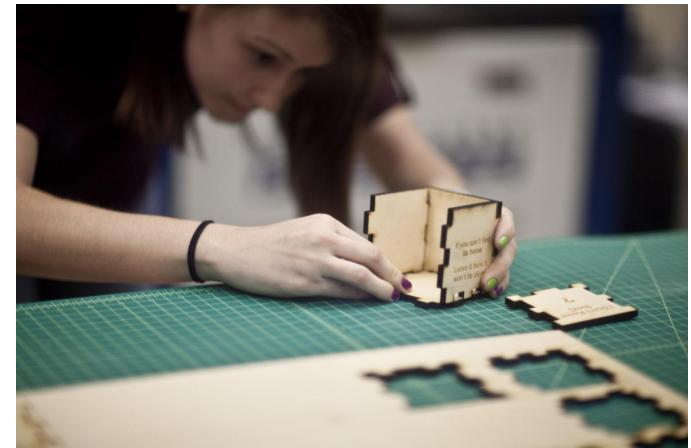


What is XXX ?

XXX is your fabrication center.

Remember wood shop in high school?

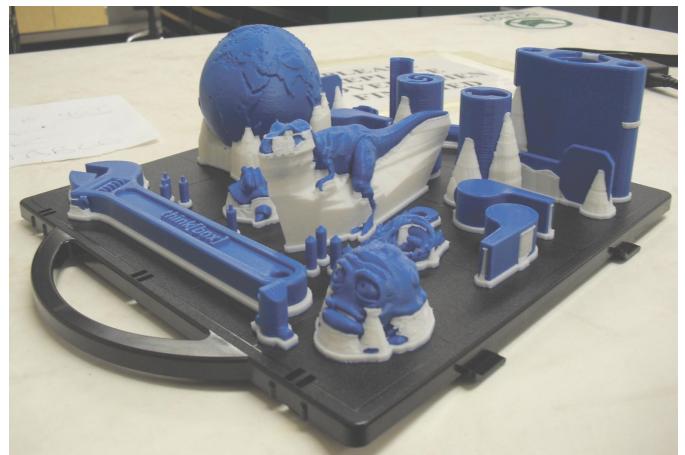
Imagine if your wood shop had millions of dollars to spend on advanced equipment like 3D Printers, Laser Cutters, Computer Controlled Table Routers, everything from Computerized Embroidery to the ability to make your own Printed Circuit Board in-house.



What is XXX ?

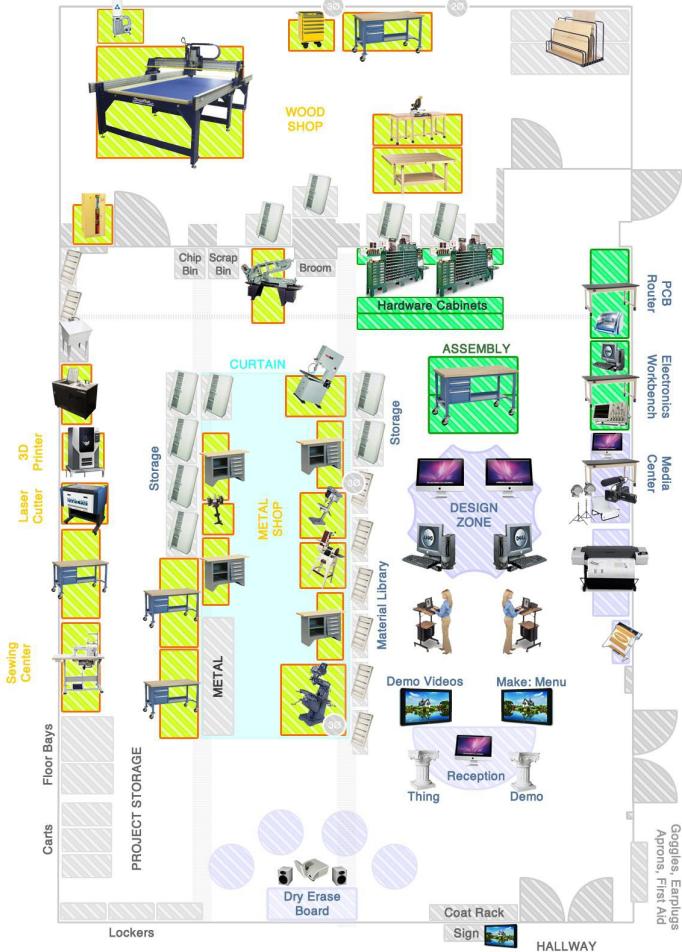
XXX is a place to make things.

This is a place you can work on a class project, personal project, or an invention you'd like to turn into your own business.



XXX Temporary Home

3000 ft² in XXX



XXX is currently housed on the XXX

This temporary facility will be used for a year or two, until renovations are finished on a dedicated building behind

XXX Future Home

7-Stories, 50,000 ft₂

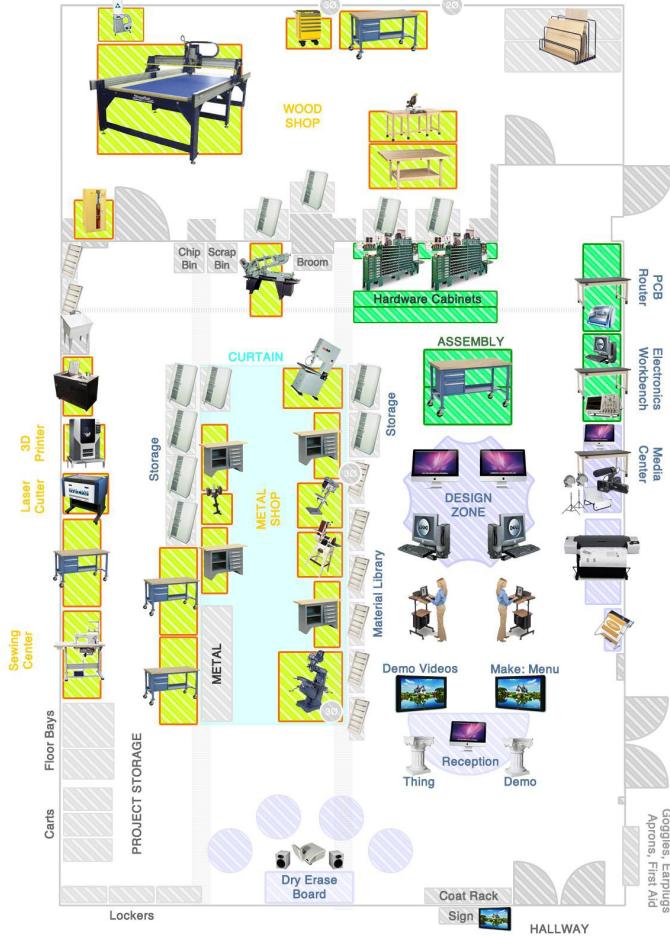


XXX staff are working with architects to finish plans for what will be one of the largest university-based invention centers in the world. In a year or two, renovations on several floors will be finished and XXX will be housed in this building, located behind the XXX

Machines You Can Use Now

Equipment

Even in the temporary facility, these machines are already available for you to use:



Laser Cutter	3D Printer
Vinyl Cutter	Circuit Board Router
3D Microscope	3D Scanner
CAD Workstations	SMT Soldering Station
Hand Tools	Storage Lockers

Access: how to use XXX

Start with the website

To use XXX, start by visiting the website:

Here you'll find tutorials, file formats, everything you need to get started using these machines.

Visit the Equipment page and find the machine you are interested in using. Click on that machine and follow the section called "How To Start."

name	Equipment
equipment	● Available
about	● Service Advisory - Explanation provided in mouseover text.
contact us	
projects	● Temporally Unavailable
intellectual property	
<hr/>	
● 3D Printer - Fortus 250mc	
 Details - Tutorial ² - Material Properties - Upload STL Files Capable of rapidly prototyping 3D models into strong ABS plastic parts.	
<hr/>	
● Laser Cutter - Epilog Helix 24	
 Details - Tutorial ² Powerful, agile and versatile, our 60W CO2 laser cuts and etches most wood several plastics.	
<hr/>	
● Printed Circuit Board Router - LPKF S63	
 Details - Tutorial ² - Reservations Professional quality circuit boards milled from bare copper-clad sheets, ready testing in minutes.	
<hr/>	
● Sewing & Embroidery Machine - Janome Memory Craft 11000 Special Edition	
 Tutorial - Manual - Pricing	

Access: how to use XXX

Don't Gum Up The Works!

The temporary space only holds a few computers. Between Sages, Senior Projects, and Design Project Classes, there are over 1000 students expected to use XXX as part of their daily classes.

Please make your designs at home, in XXX

computer lab on campus, and only come in to XXX when you're ready to fabricate your parts, so that the computers remain available.



Access: how to use XXX

Design Around Abilities

Don't walk in and ask "how do I weld these two pieces of aluminum together" or "how do I cut this steel bar" or "how do I make a 1-micron hole in this piece of plastic?"

Pay attention to the machines that are available, and design around what they can do. Tolerances and other technical details for each machine are discussed on the XXX website and also in the tutorials you'll find there. Please read these thoroughly before asking a question.



ACCESS: How to use XXX

Hours

This fall XXX will be open extended hours*:

Monday - Friday	9am - 6pm
Saturday	10am - 4pm

* XXX is closed all University Holidays

** Please be considerate to teaching assistants, start cleaning up 30 minutes before close, and don't start an hour-long job when it's 5 minutes before closing.



SAFETY: Priority 1

Safety While Entering The Lab

No Open-Toe Shoes: In order to enter XXX, you must be wearing closed-toe shoes. This means no sandals or flip flops. If someone carrying a sharp piece of acrylic drops it, you don't want that landing on your toes. You will be asked to leave if you come to XXX without proper footwear.

No Food or Drink: There are plenty of places you can eat and drink on campus, this is not one of them. You will be asked to leave if you come to XXX with food or drink.



SAFETY: Priority 1

Safety While Using Machines

Each machine has its own safety policies, which are posted.

Do not walk up to any machine and start using it without reading the tutorials and website, or checking with a teaching assistant.

Especially if you are familiar with a machine from somewhere else, read our policies, which may be different than what you're used to. Otherwise, you could seriously hurt yourself, or damage the machine.



What are the costs to use XXX?

Machines Are Free To Use

The machines in XXX are free to use at all times, and certain stock materials are available for sale.

The lab currently accepts Cash, Check, or Speedtype. A speedtype is an account within the University's financial system, representing money allocated from grants or departmental budgets. You would know if you had one.



Get Involved!

[Announcements Mailing List](#)

Join the low-volume announcements mailing list for periodic updates:

XXX

[General Discussion Mailing List](#)

Join the "busy-bees" discussion list to chat with other

XXX users and ask for advice on your project:

XXX

[Visit XXX and Make Something](#)

Stop by our temporary home in XXX