Makerspace Safety & Orientation

General Information

The Makerspace is an open-access resource for the sharing of tools and knowledge. That being said, anything created in the space must comply with UWB policy. Prohibited items (weapons, inappropriate images/object etc.) may not be built within the space.

Makerspace Staff are available and recognizable by their wood-engraved name-tags. Please direct any and all questions/requests for information to your friendly Makerspace Staff member!

Hand Tools

Two rolling tool cabinets stocked with basic hand tools

Tools must remain within the makerspace when in use

Makerspace staff can provide information on which tools are suited for various tasks

For any tool that creates debris (files, drill, etc.) use of safety glasses is required.

For use of any tool with sharp, exposed edges or for working with material with sharp, exposed edges, use of gloves is required.

Safety glasses and gloves are located in the tool cabinets

Users are responsible for putting tools away after use.

3D Printers

Makerspace users must complete a printer use training prior to operating the machines.

The Makerspace contains 6 small-format 3D printers and a 7th large format 3D printer.

3D printers feature belt-driven moving parts as well as extremely hot surfaces. Keep hands, loose clothing and jewelry clear of the machines when in operation.

Do not operate the machine when it is printing someone else’s object

Users must supply their own materials for use in the printers.

Only 3D Printing Filament from pre-approved manufacturers may be used. Please see Makerspace Staff for information on which manufacturers are approved and where to purchase the filament online or locally.
Drill Press

*Makerspace users must complete a drill press training prior to operating the machine.*

The Makerspace contains a drill press which can be mounted on one of the rolling tool chests for use in drilling precise holes in a variety of materials.

The drill press is stored in a cabinet and can be made available upon request to those who have received training on use of the tool.

Makerspace users are responsible for cleaning up after using the machine with the shop vac located in the same cabinet as the drill press.

Notify a Makerspace staff member if you wish to use this tool.

Laser Cutter

*The laser cutter may only be operated by a Makerspace Staff member.*

Makerspace users may provide design files to Makerspace Staff to be cut after they have completed a laser cutter use training.

The laser cutter uses a high-power laser to burn through material. Avoid staring into the beam

Makerspace users must supply their own materials for use with this machine.

Only pre-approved materials may be cut using this machine. Consult a Makerspace Staff member if you have questions on a material type.

A list of pre-approved materials can be provided by one of the Makerspace Staff.