



## Makerspace Equipment as of June 6, 2024

### 3D printing and Laser engraving/cutting:

Glowforge 3D laser cutter/engraver

Xtool P2 55 watt laser cutter with conveyor/rotary tool and riser

QIDI X-CF Pro 3D printer Industrial grade (carbon fiber/nylon)

Anycubic Resin 3D printer

2 Creality Ender 3 3D printers

2 FLSUN Delta 3D printers (as of 3-24-22, newly arrived, awaiting setup)

Creality large format 3D printer CR-M4

Creality CR-30 printmill belt printer w/extension roller bracket

Bambu labs X1E Professional bundle 3D printer

Revopoint Pop 2 3D scanner

ComXim Professional 360-degree rotating turntable for product photography and scanning

Epson EcoTank ET-4700 Sublimation Printer

XTool F1 2-in-1 dual laser engraver, Ultra HD fiber engraver for jewelry, metal, wood, leather with rotary roller engraver and slide extension

### Electronics:

10 Lilypad sewable electronics kits

10 Sparkfun inventors kits (arduino)

6 CanaKit Raspberry Pi 5 starter kits

Variety of multimeters, precision tweezers,

Koolertron upgraded 60MHz DDS Signal Generator

Digital Soldering Station, 75W equivalent/precision heat control and built in transformer

Autoutlet P6100 Universal Oscilloscope Probe with Acc kit.

DC Power Variable bench power supply /120V 3A with precise encoder adjustment & USB quick change

Fluke electricians digital multimeter

Pin vice micro hand drill and bits set

SoulBay 30 Watt Universal AC/DC adapter switching power supply w/8 selectable adapter tips & micro USB plug, for 3V to 12V household electronics and LED strip-2000 mA Max

Siglent Technologies SDS 1202X-E 200 mhz digital oscilloscope 2 channels

Handheld spectrum analyzer

Assortment of electronic components

Thermal imaging camera

Air Quality Monitor

### Hand tools and crafting tools:

2 Gryphon glass grinders with stained glass tools

Various Dremel tools and attachments including 2 flexible shafts

Wide variety of hand tools, vices, polishers, finishing machines, etc.

Soap making supplies

Paper making supplies

Professional hat steamer and hat stretcher

Grizzly Industrial G0803Z bandsaw with laser guide

2 Dremel presses with Dremel 4000 tools

### Art and Jewelry:

A3 light pad, 3 color, dimmable, 6 levels of brightness, for tracing, diamond painting, sketching

Micro Engraving pens

Mini hand-held drill

Jewelry tools: dapping block sets, ring sizers, bracelet sizers, third hand with base, various jewelry hammers, honeycomb soldering board, various jewelry tweezers, needle files, rolling mill machine, and more

Mini desktop drill for light wood, crafts, and jewelry

Leather crafting tools including leather press/embossing machine, skiver/peeler/splitter, and leather edge trimmer, stitching awls, etc.

3D printing pens

Jewelry rolling mill machine

Texturing hammers

### Textiles:

Juki 2010Q sewing & quilting high speed, semi-industrial machine

Janome Memory Craft 500 E Embroidery Machine

3 computerized Brother sewing machines

Consew industrial sewing machine (light leather, upholstery, canvas, etc.)

1 Brother serger/overlock machine

DTF (direct transfer film printer)

3 Louet Erica 50cm, 4 shaft table looms

Ironing board/iron/small hand steamer

Variety of hand tools, thread, measuring devices, cutting mats

Crochet hook kits and knitting needles

PRIBCHO Heat Press 15x15" Combo press for t-shirts, mugs, hats, plates

Mini heat press curved for hats

## Bicycle Repair: (you are responsible for bringing your own repair parts, tire patches, etc.)

CXWXC Bike repair stand

23-piece bike tool kit – compatible mountain/road bike maintenance

The Bicycling Guide to Complete Bicycle Maintenance & Repair: for road and mountain (Book)

## Book Making/Binding:

Vevor Manual Paper Press 12" x 8.6" for A4 size paper

Texalan Heavy Duty Guillotine Paper Cutter, 400 sheets stack paper trimmer (Af-12")

Heavy Duty Stapler, 240 sheet capacity

Bookbinding supplies

Paper crimper

Hot foil stamping machine

37" professional rotary cutter

## Podcasting:

Zoom PodTrak P8 Multitrack Podcast recorder w/mics, headphones, windscreens, tabletops stands

Portable podasting equipment (possible checkout available with restrictions)

## Miscellaneous:

Professional ultrasonic cleaner for jewelry, tools, etc.

Drill bit sharpener

Vevor vinyl cutter machine, vinyl printer, 34" plotter printer

Silhouette Cameo 4 Vinyl machine

SKSYZN studio light box 40x40 professional shooting tent with 2 dimmable light boards/5 color backgrounds and tripod (holds cell phone, camera, or tablet)

Seeutek Button Maker Machine (button badge maker) 2 ¼ inch

Proxxon 37080 Hot Wire Cutter Thermocut 115/E

Winons Hot Wire Foam Cutter with rotational handle, also can be used as a hot knife foam cutter and engraving pen. (handheld)

TOMLOV DM402 Pro 2K Digital Microscope

Variety of STEM-related activity kits for kids

Adjustable knife sharpening system

VACUCU3D desktop vacuum forming machine (for prototypes, molds, and casts)

(2) Celestron-NexStar 6SE Telescopes

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