

# Tools and Documentation

## Tools That Require Training

### 3D Printers

Tool	Location	Training SOP
<a href="#">FormLabs Form3 SLA 3D Printer</a>	3430	<a href="#">form3_sop.pdf</a>
<a href="#">Bambu Lab X1-Carbon FDM 3D Printer</a>	3430	<a href="#">bambu_x1-carbon_sop.pdf</a>
<a href="#">FormLabs Form4 SLA 3D Printer</a>	3430	<a href="#">form_4_sop.pdf</a>

### PDMS Processing

Tool	Location	Training SOP
<a href="#">Laurell WS-650M Spin Coater</a>	3430	<a href="#">laurel_spin_coater.pdf</a>
<a href="#">Thinky ARE-310 Mixer</a>	3430	<a href="#">Thinky Mixer</a>
<a href="#">Harrick Plasma Cleaner PDC-32G</a>	3430	<a href="#">Plasma Cleaner SOP</a>
<a href="#">Novascan Ozone Cleaner</a>	3430	<a href="#">Ozone Cleaner SOP</a>
<a href="#">Vapor Silanization Rig New</a>	3430	<a href="#">Vapor Silanization Rig SOP New</a>
<a href="#">Vacuum Chamber</a>	3430	<a href="#">Vacuum Chamber SOP</a>

### Metalworking & Woodworking

Tool	Location	Training SOP
<a href="#">Bandsaw</a>	2442	<a href="#">rikon_14_bandsaw_sop.pdf</a>
<a href="#">ShopBot Desktop CNC Router</a>	2442	<a href="#">ShopBot Desktop Training SOP</a>
<a href="#">Diamond Saw</a>	3430	<a href="#">Dimond TrimSaw 2 Training SOP</a>
<a href="#">Flashcut / Sherline CNC Mill</a>	3430	<a href="#">Sherline CNC Training SOP</a>
<a href="#">WEN vertical Drill Press</a>	2442	<a href="#">Cnsi Drill Press SOP</a>
<a href="#">Delta 6" Bench Grinder</a>	2442	<a href="#">CNSI Innovation Workshop Benchtop Grinder User Outline</a>
<a href="#">Grizzly bench Combo Disk/Belt Sander</a>	2442	<a href="#">CNSI Innovation Workshop Grizzly H8192 Combination Belt/Disk Sander User Outline</a>
<a href="#">Precision Matthews Milling Machine</a>	2442	<a href="#">Manual Milling Machine Training SOP</a>
<a href="#">Haas Super Mini Mill</a>	3430	<a href="#">Haas Super Mini Mill Training SOP</a>
<a href="#">Festool Miter Saw</a>	2442	<a href="#">Miter Saw Training SOP</a>
<a href="#">Precision Matthews Lathe</a>	2442	

### Other

Tool	Location	Training SOP
<a href="#">Keyence VHX-5000 Microscope</a>	3430	<a href="#">keyence_vhx-7000_sop.pdf</a>
<a href="#">Wazer Waterjet Cutter</a>	2442	<a href="#">Waterjet SOP</a>
<a href="#">Thunder Laser Cutter</a>	3430	<a href="#">thunder_laser_sop.pdf</a>

## Other Available Tools

### Microfluidics Tools

Tool	Location
<a href="#">Pressure Casting Chamber</a>	in storage
<a href="#">36W 365 nm UV Exposure System</a>	3430
<a href="#">New Era Single Syringe Pumps</a>	3430
<a href="#">Harvard Apparatus Dual Syringe Pumps</a>	3430
<a href="#">Electro-Technic BD-20AC Corona Treater</a>	3430
<a href="#">Pipette Cutter</a>	3430
<a href="#">Sonicator Bath</a>	3430

### Heating Tools

Tool	Location
<a href="#">Vacuum Oven</a>	3430
<a href="#">Thermoline 1315M Furnace</a>	in storage
<a href="#">Yamato DKN400 Convection Oven</a>	3430
<a href="#">Lindberg Blue M Convection Oven</a>	3430
<a href="#">Thermoline/Lindberg Blue M Oven</a>	in storage
<a href="#">Hot Press</a>	3430
<a href="#">Corning 6795-620D Hot Plate</a>	3430 & 2442
<a href="#">Programmable Hot Plate</a>	3430

### Measurement and Inspection Tools

Tool	Location
<a href="#">Electronic Scales</a>	3430 & 2442
<a href="#">Height Gauge</a>	3430 & 2442
<a href="#">Fisher Acumet pH Meter</a>	3430
<a href="#">Thermal Camera</a>	3430
<a href="#">Canon Camera</a>	3430
<a href="#">Nikon Camera</a>	3430
<a href="#">Boroscope</a>	2442

### Metalworking and woodworking tools

Tool	Location
<a href="#">Mini Drill Press</a>	2442
<a href="#">Jig Saw</a>	2442
<a href="#">Arbor Press</a>	2442

### Electronics tools

Tool	Location
<a href="#">Xytronic LF-853D soldering station</a>	3430

Tool	Location
Digital Volt Meter	3430
Oscilloscope	3430

### Post-Processing for 3D Prints

Tool	Location
FormCure UV Curing Station	3430
Form Wash Cleaner	3430
SCA 1200 HT NaOH parts bath	3430

### Other

Tool	Location
CriCut	3430
EinScan-SP 3D Scanner	3430
Laminator	3430
Sewing Machine	3430
Brother ScanNCut DX	3430

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