

JACOBS HALL FACILITIES & EQUIPMENT LIST

Jacobs Hall has equipment and tool rooms accessible to UC Berkeley students, faculty, and staff who have Maker Passes and have taken the relevant safety and usage trainings. To get a Maker Pass, visit makerpass.jacobshall.org.

The list of equipment and tools available in Jacobs Hall can be found below. For more information, go to equipment.jacobshall.org or contact Joey Gottbrath, Technical Lab Lead (joeygottbrath@berkeley.edu).

BASEMENT LEVEL

CAD/CAM lab and wood fabrication lab. A metalworking facility, including an OMAX waterjet CNC cutter, is projected to open in spring 2017.

Wood fabrication lab (Room 10C)

- SawStop 10" Table Saw
- Laguna 18 3000 series Vertical Band Saw
- 10" Disk Sander
- BOSCH Sliding Compound Miter Saw
- JET J-2221VS 20" Variable Speed Drill Press

CAD lab (Room 10)

- Computer lab with software for CAD/CAM

LEVEL 1

Two studios and two equipment rooms, for general fabrication and prototyping.

110 and 110C

- Type A Series 1 Pro 3D printers (9)
- Universal Systems laser cutters (2)
- Juki industrial sewing machines (2)
- Spray painting booth with fume hood
- Hand tools

120 and 120C

- Universal Laser ILS12.75 laser-cutter
- Experimental 3D printers (2) (more info at xprinters.jacobshall.org)
- 4' x 8' ShopBot PRSalpha CNC Router
- Othermill CNC mills (2)
- Vacu-former
- Stahls' Heat Vinyl Press
- DIWire wire bender
- Scroll saw
- Other power tools: drill, rotary tool, jigsaw, staple gun, orbital sander
- Hand tools

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LEVEL 2

Two teaching studios, outfitted with an electronics lab and an audio/visual production lab.

Electronics lab (Room 210C)

- Soldering irons
- PCB shear
- Oscilloscopes
- Power supplies
- Multi-meters
- Salae logic analyzer
- Heat guns

AV production lab (Room 220C)

- Epson SureColor T7000 wide format printer
- Roland CAMM-1 GX-24 vinyl cutter
- Canon EOS 5D Mark III with 24-105mm lens
- Continuous photo backdrop with Bescor LED-700 lighting
- Tripods and monopods

LEVEL 3

One large studio with four small meeting rooms and an advanced fabrication equipment room that features a range of high-end 3D printers.

Advanced prototyping lab (Room 332)

- Carbon M1 3D printer
- Objet Fortus 380 3D printer
- Objet Connex 260 3D printer
- Stratasys Dimension 1200es SST 3D printers (2)

MATERIAL STORE

We have an online material store through which Maker Pass holders can purchase materials for use at cost and pick up at Jacobs Hall. Visit store.jacobshall.org to browse the inventory available.