

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 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

Wood fabrication lab, metal shop, and CAD/CAM lab

Wood fabrication lab (10C Jacobs)

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

Metal shop (2170 Etcheverry)

- OMAX 2626 waterjet cutter
- Baileigh combination shear/brake/roll
- Baileigh metal shear
- Baileigh 20-ton press brake
- Ellis horizontal bandsaw
- Clausing drill press
- 16" South Bend vertical bandsaw
- Baileigh 20-ton press
- Kalamazoo belt sanders (2)
- Bench grinder

CAD lab (10 Jacobs)

- Computer lab with software for CAD/CAM

LEVEL 1

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

110 and 110C Jacobs

- Type A Series 1 Pro 3D printers (12)
- MakerBot Replicator 3D printer
- Universal VLS 6.60 laser cutters (3)
- Juki DNU-1541 industrial sewing machine and MO-6700 surger
- Stahls' Heat Vinyl Press
- Spray painting booth with fume hood
- Epson SureColor T7000 wide format printer
- Roland CAMM-1 GX-24 vinyl cutter
- Soldering kits (6)
- Hand tools

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120 and 120C Jacobs

- Universal Laser ILS12.75 laser cutter
- 4' x 8' ShopBot PRSalpha CNC Router
- Othermill CNC mills (2)
- 16" x 30" vacu-former
- DIWire wire bender
- DeWalt scroll saw
- Other power tools: drill, rotary tool, jigsaw, staple gun, orbital sander
- Hand tools
- Wacom tablet

LEVEL 2

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

Electronics lab (210C Jacobs)

- PCB shear
- Oscilloscopes
- Power supplies
- Multi-meters
- Saleae logic analyzer
- Heat guns

AV production lab (220C Jacobs)

- HP Sprout 3D scanner
- Flatbed scanner
- 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 (332 Jacobs)

- 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.