

About FabLab Setagaya at IID

Register to use Fab Lab. Come in for a visit to see the equipment training and capabilities of our machines. After that, you can use them.

Opening
hours

11:00–19:00

Last entry is at 18:00

Contact

setafab@r-school.net

URL

<http://fablabsetagaya.com/>

User Guide

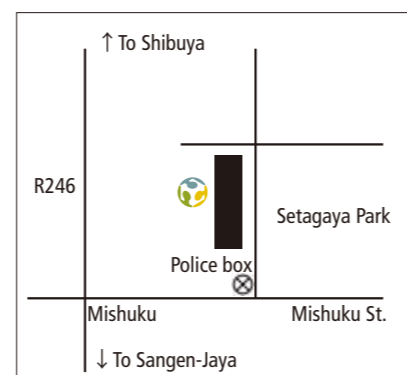
- There is wi-fi in the IID building and FabLab Setagaya at IID. Please use it when you are creating data or waiting for 3D printing.
- We are organizing workshops to create 3D models to inspire creativity. See more details on our website.
- Our consulting service will help you with your projects as well as assist you in creating 3D data objects and large, high-precision molding.



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Free admission
Closed: New Years holiday



Welcome to FabLab Setagaya at IID

FabLab Setagaya is a makerspace open to all. Our FabLab is a digital fabrication laboratory that includes a laser cutter, 3D printers and scanners, CNC milling machine, and UV printer.



Our services

We offer our users the opportunity to use and experiment with a wide variety of equipment.

Digital Fabrication Equipment Usage Service

For those who have already started manufacturing, regardless of their job or hobbies, and those who want to start manufacturing in the near future, we have facilities and applications that are easy for beginners.

Commissioned product / 3D printing service

This service is for companies and individuals who want to commercialize and mass produce. We manufacture with use of 3D printers, laser cutter, cutting machine, etc. Please feel free to contact us.

Workshops and lectures

We organize courses to learn how to use digital fabrications, 3D modeling, IoT and STEAM education, etc. Anyone can join, from beginners to those who want to learn specialized skills.

Price list

Initial fees

If you would like to use our services, please register to become a member.

¥1,000 *no annual fees

Equipment usage fees

*Tax included

3D Printer	Time lending	1duration (60min) : ¥510 + filament (ABS·PLA: ¥20/g, Resin: ¥40/g)
	Monthly lending	1month: ¥5,100 + filament (ABS·PLA : ¥20/g) *Monthly lending is permitted under high school students. Exclude Form2. *Monthly lending users can use 3d scanners for free.
Laser cutter	Time lending	1duration (45min) : ¥2,040 *There are 15 min intervals between 1 duration. *If you use 2 or more durations, there is no interval.
	Time lending	1duration (60min) : ¥510
3D scanner	Time lending	1duration (60min) : ¥510
UV printer	Time lending	1duration (45min) : ¥2,040 + ink fee ¥1,000
CNC milling machine	Time lending	1duration (3h45min) : ¥1,530 lending mill fee: ¥1,000

Setagaya ward discount/Student discount: People who live in Setagaya ward or students get 25% off.

- Attention!**
- *First, you need to participate in equipment training.
 - *You must operate equipment by yourself after training.
 - *You are responsible for making your own design at your reserved time slot.
 - *Fixing data is not included in the price.

Equipment

3D printer

Form 2

- Stereolithographer (SLA)
- 3D printer for high precision small scale 3D models
- Standard and Functional Resins have been designed to work with the Form 2 to deliver beautiful results.



▲ Form2

MF-2200D / AFINIA H800 / AFINIA H480

- Fused Deposition Modeling (FDM)
- PLA (Polylactic Acid) /ABS (Acrylonitrile Butadiene Styrene)
- Fast printing and high modeling accuracy
- Suitable for simple mock-up production and shape production confirmation



▲ AFINIA H800



▲ AFINIA H480

CNC milling machine

KitMill RD420

- Materials that can be processed: Resin, FRP, wood, all aluminum alloys, and brass
- Acceptable material maximum size: 220 mm(W)×420 mm(D)×52 mm(H)



KitMill RD420 ▶

3D scanner

EinScan-S

- Autoscanner Mode: 200 mm × 200 mm × 200 mm
- Two scan modes can be switched with each other.
- Simple operability



▲ EinScan-S

3D modeler

Geomagic Sculpt / ZBrush [Pixologic]

- Digital Clay modeling tool that can be operated intuitively with a stylus pen.



▲ Geomagic Sculpt / ZBrush [Pixologic]



▲ Rhinoceros / Fusion360

Rhinoceros / Fusion360

- Software that can design data corresponding to 3D printing

Laser cutter

Trotec Speedy 300

- Work area: 726 mm × 432 mm
- Compatible with Adobe Illustrator
- Acrylic, film, foam, glass, leather, paper, plastic, rubber, stone, fabric, wood and other materials can be engraved and cut.
- Can be used for signs, architectural models, advertisements, exhibits, and engravings on materials



◀ trotec Speedy300

UV printer

Mimaki UJF-3042HG

- Work area: 300 mm × 420 mm
- This printer can print on materials up to 150 mm in height (Height difference 1.5 mm).
- In addition to CMYK, various expressions are possible with white and clear ink.
- This service is provided by Bellimage inc.



◀ Mimaki UJF-3042HG

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