1. Any H&A student or faculty in the College may use the Makerspace from 9 a.m. to 9 p.m. M-F.

    a. Students and Faculty must reserve time before using the 3D printers, laser cutter, photo shooting station, or the conference room.

    b. 3D printers, laser cutter, and hand tools may only be used or checked out when a student assistant is on duty.

    c. Unsupervised use after hours of Laser Cutter is not permitted.

    d. The Main Room is available for student use whether the Tool Room is open or not during operating hours. Certain equipment items are only available during staffed Tool Room hours. Please plan accordingly or email to confirm the Tool Room will be available to you.

2. Classes can be brought in by a faculty member for   use, but   can be booked in the space.

    a. Faculty demo stations need to be booked by the faculty, just as a student would (any equipment will also require reservation).

    b.

🚀 Equipment Specific Policies

Laser Cutter

Good materials for cutting, 1/4″ (6mm) limit :

- Wood (avoid resinous woods as they may catch fire)
- Plywood
- MDF (Medium-Density Fibreboard)
- Acrylic (cast or extruded)
- Delrin
- Paper
- Cork
- Cloth (natural fibers only)
- Magnetic sheeting
- Chipboard
- Gator Board (doesn't look great, plastic shrinks and yellows)
- Leather (thinner than 1/8″)

All of the above can be etched. Even if it's thicker than 1/4″, the laser bed can be lowered up to four inches to accommodate thicker material.

Matierals Good for Etching ONLY

- Glass
- Ceramic Tile
- Anodized Aluminum
- Painted or Coated Metals
- Marble, Granite, Soapstone, Onyx

Not Allowed (Forbidden)

- Corrugated cardboard
- Foam Core Board
- PVC (Polyvinyl Chloride)
- Vinyl/Pleather/Artificial Leather
- ABS Polymer
- Polycarbonate/Lexan
- HDPE/Milk Bottle Plastic
- Polystyrene Foam
- Polypropylene Foam
- Fiberglass
- Coated Carbon Fiber

Raise3D Pro2 3D Printers (2)

1. Currently, print media is limited to materials on hand. No outside printer media is allowed.
2. Prints must be able to be completed before closing time. Overnight printing is currently allowable only in special instances.
3. Software and Model Proofing: Please check your model using the Ideamaker Software, specific to the Raise 3D Pro2 devices. Bring the model in on a USB device at your print time to meet with the Lab Monitor.

Photo Table

1. Shooting area available by reservation or first come, first serve. Three backgrounds are available (Black, Gray, White).
2. LED light kit is available for use in the 233 space (not available for off-site use).
3. No camera is provided. Users must provide their own camera and tripod or use a smartphone.

Meeting Room

1. Available by reservation or first come, first serve. As of 3/2022, a data projector is