EIC AUTOMATION and FABRICATION Center

The EIC has a comprehensive machine shop workspace. This space has many pieces of fabrication equipment requiring an elevated level of safety. Also housed here are the production 3d printers and the Circuit board manufacturing equipment.

EIC MACHINE SHOP HOURS

Current Hours are 8am to 5pm M-F. Residents with Green Badges may access the facility with afterhours supervision by a staff technician.

EIC MACHINE SHOP ACCESS

To receive access you must complete the hands on safety course and walkthrough. These walkthroughs will include spot testing.

Personal Equipment Needed – Leather Work Gloves, Safety glasses, Ear protection, proper shoes

After completing the course the Facility Manager will determine your access to the Machine Shop and issue you a Red Badge. Failure to comply with any of the safety, access or dress rules will result in immediate revocation of access privileges.

EIC MACHINE SHOP RULES

1) Appropriate Attire must be worn at all times. Closed shoes, Sleeved shirts, long pants.
2) Must have a red badge worn around the neck at all times. No badge, No Access. When using cutting tools your badge can be placed in your front pocket or swung around to the back.
3) NO FOOD, DRINK or TOBACCO products. ZERO Tolerance.
4) Safety gear must be worn at all times if operating equipment or standing within 25’ of operating machinery.
5) You may not open closed access doors to let in other students. No Exceptions.

EIC MACHINE SHOP EQUIPMENT

Clausen Metal Lathe  Bridgeport Vertical Mill  Bead blaster
Metal Band Saws  Wood Band Saw  Scroll Saw
Combination Miter Saw  Horizontal Band Saw  Multi Speed Drill Press
10” Metal Grinder  8” Buffer  1x40” Belt Sander
OBJET 3D Printer  Shop Bot CNC Router  HASS CNC TL2 LATHE
EDEN 260V 3D Printer  SAWSTOP Tables Saws (2)  LPKF Protomat S103
ULS Laser Cutter  Sanding and finishing station

*** This list to be revised monthly ***

General Information – Revised June 2014!