



ETA Onboarding Introduction

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Welcome

The Electronics and Technical Arts studio at BARN is generally modeled after a “makerspace.” Our diverse community is engaged in 3D printing, laser cutting, computer aided design, microcontrollers (such as Arduino), single-board computers (such as Raspberry Pi), electronics, open source technology, programming, software and all manner of technology supporting our desire to create, learn and share.

Access

An ideal time to visit the studio is during the weekly ETA Open Studio sessions (check the website calendar). This time is open to both members and non-members (with a drop-in fee). A studio monitor is present during those meetings as well as any number of “regulars.” It’s a great time to work on your current project, solve problems, gain skills and share knowledge. The studio monitor can assist you with equipment, tools and materials and with getting you certified.

To obtain electronic key fob access to the studio during BARN operating hours, you must:

- Be a BARN member over the age of 18.
- Complete studio orientation with a studio monitor, normally during open studio time.
- Sign and return the ETA Onboarding Signature Page.

After this, your fob access will be updated to permit non-monitored access to the ETA studio during regular BARN hours. Some things to remember:

- While members who have completed ETA orientation are allowed during non-monitored time, regular BARN members and individuals who are not BARN members are not allowed.
- Youth under direct supervision of a guardian who has completed ETA orientation are an exception to the rule above.
- Avoid propping open the ETA door. All entry should be fobbed.
- Classes and scheduled events have priority over individual work.
- The loft is for storage only, not for general access.
- ETA tools and books stay in the ETA studio.
- If you see anything that seems wrong or out of place, notify staff.
- Please be aware that the ETA space is under video surveillance.

Safety and Tools Certification

Because there is not always a monitor present, members must take responsibility for their own safety. Work within your limits. Respect the equipment. There may be a variety of questionable contraptions present in the space. If you don’t know what it is, don’t touch it!!

Some of the tools in ETA require special training and certification to use. The most efficient way to achieve that certification is to attend an ETA class for that equipment and then demonstrate your proficiency to a studio monitor. Once certified, you will be permitted to use that equipment independently. Some tools, notably the laser cutter, are restricted to monitored time only so please be sure to check.

The tools that may require certification include (but are not limited to):

- laser cutters
- 3D printers
- soldering station
- electronic test bench
- power saws

Follow the posted signs, and ask a studio monitor if you have any doubt. For a more thorough review of safety and studio policies read ETA Studio Policies and Safety, which is available on the studio's web page, and posted in the space.

Materials

A variety of materials are available for use in the studio. Many of these materials are contributed by members for general use. However, some are labeled as belonging to a specific member, such as filament for the 3D printers. Some have been purchased and there is a replenishment fee. For example, there is a price list for wood for the laser cutter taped to the inside of the cabinet. Please respect the use of these materials. As you become active in a particular area, consider making a contribution to materials available for general use.

Community

When you are part of ETA, you are joining a community. Other than paid teachers, the ETA studio is entirely volunteer-staffed. We encourage members to get involved as they are able. This may mean volunteering to take on a project to improve the studio, becoming a studio monitor, teaching a class, or serving on the ETA steering committee. We hold a monthly general meeting, which is a good time to propose ideas or voice concerns.