



## Design Engineer

### Reports To

The Design Engineer will report to the Production Manager.

### Job Overview

The Design Engineer is a problem solver. They must have a working knowledge of fabrication techniques, materials, and mechanical components. Knowledge of electronics is a bonus. They must be comfortable working with computer software and have a strong spatial awareness. Good communication skills are essential. They need to be self-motivated to not only tackle the immediate tasks, but also be able to forecast tasks several steps down the process. A strong attention to detail is critical in this role.

### Responsibilities and Duties

- Ability to read and understand concept drawings and translate them into documents used for fabrication by both our team and other fabrication firms.
- Specify materials and items needed to the Production Manager for purchase.
- Communicate with the Project Manager and Production Manager as needed to both gather and supply information for a project.
- Communicate with the craftsman and other Design Engineers about the fabrication processes on each project.
- Knowledge of tools and equipment available for fabrication.
- Utilize and maintain safety equipment needed within the Studio to insure a safe and comfortable work environment for the team.
- Maintain a clean and organized studio space.

### Qualifications

- High School diploma required, Bachelors degree suggested
- 2 years of experience in a similar position.
- Working knowledge of tools and equipment used in custom fabrication.
- Willing to learn and adapt as the Studio adapts to the size, scope, and style of the projects in undertakes.
- Friendly disposition and able to maintain a calm personality in a team environment.
- Self motivated to organize their own tasks and complete them without daily oversight.
- Willingness to jump in and help as needed throughout the entire Studio.