



## DESIGNER/DETAILER

**Department:** Engineering  
**Reports To:** Design Supervisor  
**FLSA Status:** Non - Exempt  
**Updated:** 7.18.18

Working at Eagle Engineering is an opportunity to directly impact the future of American manufacturing. We strive to improve the lives of the men and women who partner with us by developing and integrating custom engineered manufacturing solutions that enhance life and contribute to improved safety, efficiency, and product quality for our customers.

Our design team works with the largest companies in the world to transform how things are made. Having a passion for examining “the way it’s always been done” and seeking out a new and better way is a leadership trait we value. This role requires a working knowledge of mechanical principles and an understanding of 3D models, layout drawings, and engineering specifications. Designers/detailers work with the Project Management team to ensure tooling is designed and released to the shop on time and with accuracy. We work closely with our customers to ensure their design to installation experience at Eagle is exceptional.

### Essential Duties and Responsibilities:

- Complete 3-D designs and assemblies for a variety of moderately complex to complex ergonomic and automated tools
- Work concurrently on one or more projects of moderately complex scope
- Analyze as-built tool design information and prepare design update plans
- Create field sketches and layouts
- Collaborate as a productive member on large projects
- Schedule activities to complete assigned tasks and projects, communicate and document requisite information per established Eckhart policies and procedures
- Understand customer needs, apply technical knowledge to identify process requirements, recommend and implement custom engineered solutions
- Demonstrate Engineering professionalism in all activities and provide efficient service to customers
- Provide final detailing on tooling drawings prior to release for build

### Qualifications:

To perform this job successfully, an individual must be professional, proactive, and positive. Having a passion for exceptional customer service and support is a must. Being sensitive to the unpredictable demands and uncertainties associated with customer service is a requisite to delivering superior results and exceeding the expectations of very demanding customers.

### Education and/or Experience:

Prefer an Associate’s degree in design, mechanical engineering, manufacturing or a related field, or at least three years of related experience. Requires at least two years of experience managing multiple projects. Requires at least three years of mechanical 3D solid modeling experience and proficiency in Creo. Preferred (but not required) experience in NX, Solidworks, or Catia, Must have basic knowledge and experience in Microsoft Office.



**Other skills and abilities:**

- Strong interpersonal skills.
- Good verbal and written skills.
- Proven organizational skills.
- Ability to prioritize and work with limited supervision.
- Good presentation skills.
- Ability to collaborate effectively with a team
- Ability to explain how and why specific conclusions were reached.
- Ability to maintain confidentiality.
- Ability to work well under pressure and to remain flexible to changing schedules and demands.