

CAD Designer

This position serves as a CAD designer for our company's fixture and gauge program. We are looking for a self-motivated candidate who is passionate about technology and manufacturing.

COMPETENCIES (i.e., to be defined in terms of required education, training, skills, and/or experience)

- Experience in one or more of our skilled trades; patternmaking, tool & die, machinist, metrology, CAD design, and welding.
- CAD software — Proficient with Solidworks CAD or similar.
- Engineering and Technology — Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of patterns, fixtures, tooling for molding, forming, and fabricating industries.
- Mathematics — Knowledge of arithmetic, algebra, geometry, and their applications.
- Design — Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models. Working understanding of GD & T.
- Mechanical — Knowledge of machines and tools, including their designs, uses, repair, and maintenance. Practical experience in skilled trades such as pattern or tool making.
- Technology - Competency with Hardware & Software - Microsoft Office, ERP, & CRM among others.
- Interpersonal Skills - Interact positively with all internal & external customers.
- Safety – Knowledge & use of all safe practices.
- Ability to lift 60 lbs.
- Education required: High School diploma and Technical class work in above areas
- Experience required: Five years

PRIMARY RESPONSIBILITIES (i.e., functions, authorities, tasks, etc.)

- Read and interpret CAD files, technical drawings, computer-generated reports, & customer requirements.
- Understand customer needs, design patterns, tools, fixtures in CAD, gain approval from customers, and communicate with shop through production & certification of products that meet requirements.
- Confer with engineers or other personnel to implement operating procedures, resolve system malfunctions, or provide technical information.
- Develop, coordinate, or monitor all aspects of production, including selection of manufacturing methods, fabrication, or operation of product designs.

- Investigate equipment failures or difficulties to diagnose faulty operation and recommend remedial actions.
- Assure all operations are done safely, especially handling of heavy jobs and materials.
- Special projects, other tasks & assistance as needed.
- Follow the direction of account manager for deadlines and completion expectations.

Job Type: Full-time

Pay: From \$24.00 per hour