

Job Title: Mechanical Engineering Associate

Overview: Assist in the design process by applying simple mechanical engineering principles to provide efficient, effective, economical, and timely solutions to product and process development. Ensure functional feasibility of designs and their conformance to specifications using company and client drafting standards and engineering computations.

Duties and Responsibilities:

- Create, modify, or revise CAD models and engineering drawings using available CAD applications to meet customer requirements.
- Perform engineering tasks under the direction of senior technical staff to include design, prototyping and evaluation.
- Apply commonly used equations and engineering calculations to solve assigned problems.
- Perform basic tolerance stack-ups and assign tolerances to components.
- Design components to comply with typical manufacturing processes.
- Self-check work prior to internal check and ensure tasks performed are error free.
- Estimate time needed for completing assigned tasks.
- Monitor and report on work status to technical leaders and/or project management.
- Communicate and collaborate with internal team members on assigned tasking.
- Communicate with customer/vendor/partners technical contributors with Sr. Staff oversight.
- Other duties as assigned.

Skills and Qualifications:

- Ability to understand descriptive geometry.
- Good written and verbal communication skills.
- Familiar with MS Office PowerPoint, Word, and Excel.
- Must be a US Person.

Education/Experience:

- Plan pursuit of degree from an accredited college or university.

Preferred Qualifications:

- 3D CAD familiarity. Creo and SolidWorks preferred.
- 3D CAD and/or Drafting certificate.
- ASME Y14.5 familiarity.

The above job description is not intended to be an all-inclusive list of duties and standards of the position. Incumbents will follow any other instructions, and perform any other related duties as assigned by their manager.