



Goddard is a leader in product development and engineering. Much of our work focuses on the design and engineering of medical, life sciences, and consumer products. Our multifaceted team is a highly energetic and communicative group, all working together to achieve the same goal: *To provide our clients with new and exciting concepts that are developed into cutting edge products.*

Within the Goddard culture, we strive to maintain a fun, dynamic, and open environment. In this setting, creativity flows freely and whiteboards are always filled with ideation and innovation. As a Mechanical Design Engineer, you will be exposed to a variety of products and tasks. Your expertise will contribute to all multidisciplinary aspects of the product development process. With your assistance, the Goddard team will achieve the highest standards in quality, functionality, and usability to redefine products across a broad range of industries.

We are currently seeking highly qualified, mid-level Mechanical Design Engineers to fill full-time positions within our organization. Ideal candidates will have 3-5 years of relevant experience in product development and mechanical design and engineering. *Please note that applicants with fewer than 3 years of relevant work experience will not be considered for this role.*

At Goddard, Mechanical Design Engineers are responsible for teaming up to execute medium to large projects. The following outlines the roles and responsibilities expected of this position.

Essential Job Functions:

- Creative problem solving and engineering concept development
- Design with plastics, sheet metal, extrusions, castings, and mechanical and electro-mechanical components
- Work with Finite Element Analysis (FEA) and Computational Fluid Dynamics (CFD)
- Mastery of best-in-class design methodologies, including experience with creating advanced CAD surfacing
- Vendor sourcing and procurement
- Client interactions and presentations
- Troubleshooting and failure mode analysis
- Travel as needed



Minimum Required Qualifications:

- Bachelor of Science, Mechanical Engineering or Mechanical Technology
- Firm understanding of injection molding processes and equipment
- Ability to build relationships and accelerate working with teams, both internal and external
- Strong verbal and written communication skills
- Proven track record for delivering quality and innovation
- Ability and willingness to travel domestically and internationally to support design and manufacturing efforts
- Capability to work with ease on multiple projects from conceptualization to production
- Experience with growing business relationships through positive client interactions
- Proficient in building fully manufacturable CAD models using SolidWorks or ProE/Creo
- Detail-oriented and well organized

Non-Required Experience:

- 21 CFR 820.30 Design Controls
- ISO 13485-2016 Quality Management System
- ISO 14971-2007 Risk Management
- IEC 60601 Medical Electrical Equipment
- IEC 62366-1:2015 Part 1: Application of usability engineering to medical devices
- IEC 62366-2:2016 Part 2: Guidance on the application of usability engineering to medical devices
- Statistical Analysis
- Six Sigma
- MiniTab
- Reliability Engineering

Minimum Required Software Proficiencies:

- SolidWorks
- ProE/Creo



Essential Competencies:

- Communication Proficiency
- Organizational Skills
- Presentation Skills
- Problem Solving/Analysis
- Results Driven
- Mathematical Skills
- Technical Capacity
- Thoroughness
- Time Management

Goddard believes that everyone is entitled to fair opportunities and equal employment rights. Therefore, we comply with all applicable laws prohibiting discrimination in hiring and the terms and conditions of employment including, but not limited to, compensation, promotion, discipline, or termination. Goddard is firm on its policy to provide equal employment opportunity for all employees and applicants on the basis of qualification and merit and will not discriminate on the basis of race, color, creed, religion, national origin, age, disability, genetic information, sex, sexual orientation, gender identity, marital status, veteran status, public assistance status, membership or activity in a local commission, or any other legally protected status in accordance with applicable local, state, and federal laws.

Please note: At this time, Goddard does not sponsor employment visas.