Downloaded from <https://www.velvetjobs.com/job-descriptions/staff-design>

# Example of Staff Design Job Description

Our company is searching for experienced candidates for the position of staff design. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for staff design

* Coordinate system development with Mechanical and Electrical Engineers, as part of an early product development team
* Specify purchased components, materials, tolerances and machining of fabricated machine parts
* Create Bills of Materials (BOMs), used in the production of components and assemblies
* Demonstrate hands-on process understanding and provide guidance and training with technicians and pilot plant operators
* Ability to work as part of a design team
* Subsystem development in large mixed signal ASICs
* Design size/timing/power optimization via micro-architecture/RTL/Synthesis
* Researches, designs and hardware and firmware for a variety of prototype devices, tools and fixtures based on project needs
* Conducts evaluations, tests and analyses related to feasibility and function
* Performs troubleshooting and fault isolation activities on a variety of products and prototypes

## Qualifications for staff design

* Working understanding of flow cytometry
* Ability to manage multiple projects and drive them to completion
* Demonstrated ability to work collaboratively (internal and external)
* Requires approximately 30% travel (domestic and international)
* Requires a minimum of a Bachelor’s degree with a minimum of 5 years relevant experience in hands on clinical product and assay development or a combination of equivalent education and experience
* Minimum of 8 years experience as a mechanical designer/ engineer in medical device industry