



Job Description

Job Title: Sr. Electrical Engineer	Department: Research & Development
Reports To: Sr. Manager, Electrical Engineer	Position Location: San Jose, CA
Classification: Exempt, Full-Time	

Company Overview

Outset is a pioneering medical technology company that puts the patient before the machine. Our human-centered model is designed to dramatically improve not only the care experience – for patients, families, providers and physicians alike – but also cost-efficiency of dialysis delivery. We believe in introducing technology innovation in order to drive service model innovation. And in doing so, we intend to profoundly and permanently impact what, where and who can dialyze.

Position Overview

The Senior Electrical Engineer will join the Research & Development organization in designing, developing, and testing novel electronic systems for capital equipment medical devices. Areas of responsibility include the design of hardware components; generating specifications; system and subsystem integration; and verification and validation efforts in accordance with standards and requirements.

The Senior Electrical Engineer must be able to write detailed electrical specifications, test procedures/reports generate design documentation, and work within the requirements/regulations of Outset's quality system. Ease of traveling off-site and excellent customer service skills are important within the scope of field.

Essential Job Functions

- Designs, develops, and tests analog/digital circuits in commercialized medical devices and automated test systems.
- Builds prototypes and proves design feasibility, functionality, and performance.
- Supports Manufacturing in troubleshooting operations involving medical devices through assembly and test.
- Evaluates and selects components and generates component specifications as well as functional and test specifications.
- Documents all phases of the design including requirements, specifications, plans, reviews, test procedures, and test reports.
- Identifies, evaluates, and recommends key suppliers based on electrical technical abilities, experience, history, and certifications.

- Facilitates and maintains constant communications with key suppliers and internal stakeholders during project development.
- Is familiar with PCB design and layout.
- Works with cross functional departments such as Product Development, Systems Engineering, Mechanical Engineering, Software Engineering, Quality, and Manufacturing.
- Performs other duties as assigned.

Requirements/Qualifications

- A bachelor's degree in Electrical Engineering or related field. M.S. is preferred.
- Minimum of 5 years or more of practical experience in circuit or system design, development, integration, or testing.
- Familiar with applicable standards and regulations for medical device design.
- Excellent analytical and problem solving skills.
- Excellent organization, documentation, and written/verbal communication skills.
- Experience with the generation, review, release, and understanding of formal engineering drawings and documents required for the fabrication and assembly.
- Experience working with vendors and contract manufacturers for fabrication and assembly.
- Experience with the use of basic laboratory instruments and tools (e.g. DMM, mixed signal oscilloscope, logic analyzer, spectrum analyzer, and network analyzer).
- Ability to work in a fast paced environment with strong collaboration skills.
- Strong team leadership skills and the ability to work independently.
- Altium experience is preferred.