

TITLE

SENIOR ELECTRICAL ENGINEER

Position requires someone with experience in circuit designs of sensor measurements. Measurements of interest are RF, acoustic, nuclear, gravity, and magnetic. This person will be required to take the lead role in developing electronics for new instruments and sustain existing equipment.

RESPONSIBILITIES

Develop, test, and evaluate theoretical electrical designs.

Design circuit boards.

Supervise firmware development.

Supervise electronics lab activity.

Work closely with scientists and mechanical engineers to optimize designs.

Exercise effective troubleshooting skills.

Manage all testing required to complete the commercialization of new products.

Manage engineers, technicians, drafters, and technical writers to complete electrical tasks.

MINIMUM QUALIFICATIONS

Education

BS in Electrical Engineering, MSEE is preferred.

Experience

10+ years Electrical Engineering

Prior experience with acoustic, nuclear, resistivity, and magnetic sensor measurements is preferred.

Knowledge of manufacturing practices and processes.

Must be proficient in the design of low-power ruggedized analog and digital electronics, magnetics, power supplies, and sensor designs.

Familiar with Altium software.

Experience with computer-aided design and MS Office.