



Electrical Engineer

In business since 1973, located in Redmond WA, Spectralux designs, certifies, manufactures and supports airborne data communication products while maintaining a near-perfect record of on-time and quality performance. Electrical Design Engineers at Spectralux work on a diverse group of products, ranging from aerospace cockpit lighting to avionics hardware. You are responsible for electronic design and environmental qualification compliance. You will also assist in estimating engineering efforts. Not only are you a part of a design team for larger products but you get to work independently on your own designs and creatively apply your skills helping solve production. It's dynamic, challenging and a great place to see your designs come to life.

Essential Functions and Responsibilities:

- Design and/or sustain product designs
 - Interpret industry standards and technical specifications into compliant designs
 - Investigate and apply industry technical design and performance standards
 - Create test plans and documentation
 - Knowledgeable of digital and analog circuit design
 - Experienced with schematic capture and circuit analysis tools and methods, Altium preferred
- Familiar with high density printed circuit board layout design considerations

Success factors/job competencies:

- Ability to organize and manage multiple projects
- Ability to motivate team members in a creative and effective manner
- Commitment to company values
- Willing to learn internal processes
- Responsiveness to external and internal customer issues
- Ability to collaborate with technical team
- Adhere to Spectralux product development process standards

Qualifications required:

- Bachelor's degree in electrical engineering, computer science, or related field, or equivalent experience
- Minimum of five years' experience in the aircraft avionics industry

Qualifications desired:

- Experience with RTCA DO-160, DO-254, VHDL, and FPGA tools

Send resumes to scotth@spectralux.com

Scott Hudson Human Resources Manager

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