R&D, Exploratory Sys Technologies
General Technologist (Mid-Career/Experienced)

What Your Job Will Be Like

We are seeking a General Laboratory Technologist with experience and expertise in design and fabrication of electrical components. Are you passionate about your work and dream of using state-of-the-art facilities to explore solutions? If so, you will want to consider applying for this opportunity! You could be the team member we are seeking to design, build, test, and deploy innovative electrical components for various systems in support of national security.

An ideal candidate is dedicated and hard-working. You will work in modern facilities to build install, maintain, and operate equipment while maintaining a safe laboratory environment. You will get to work with various machinery and work on innovative solutions and research.

On any given day, you may be called on to:

• Assemble, test and deploy SNL-designed tools to validate specific mission parameters of complicated systems deemed vital to national security.
• Develop electronics for apparatus in a variety of Sandia mission domains.
• Design, assemble, and test unique circuit designs with both analog and digital capabilities for defense or national security customers.
• Program microcontrollers to perform analog signal analysis for a sensor node carried onboard an Air Force micro un-manned aerial vehicle.

You will work both independently and with a lead engineer to plan tasks and activities to satisfy project deadlines. You will have opportunity to conduct hands-on component and sub-system level assemblies, operate test equipment for board-level to system-level functional validation, collect data and assist in project documentation, develop reports and analysis as needed for novel or unusual equipment needs, and help maintain a safe and efficient laboratory environment.

Qualifications We Require

• Associates degree in electronics or a related STEM field or four (4) years of related practical hands-on experience.
• Proficiency reading technical drawings and technical documents.
• Experience using electrical testers, cable/harness assembly and testing, soldering and assembly, PCB soldering, assembly.
• Experience troubleshooting electrical and mechanical assemblies.
• Experience using inspection or test equipment such as multiple channel mixed-signal oscilloscopes, installing rack mount equipment.
• Ability to obtain and maintain DOE Q-level security clearance.

Qualifications We Desire

One or more of the following:

• Experience with computer aided design (CAD) programs such as SolidWorks and Orcad or other comparable 2D/3D MCAD and ECAD editors.
• Experience with LABVIEW software and data acquisition equipment.
• Experience working on multiple simultaneous projects in dynamic environments.
• Experience assembling and using automated test equipment.

About Sandia:

Sandia National Laboratories is the nation’s premier science and engineering lab for national security and technology innovation, with teams of specialists focused on cutting-edge work in a broad array of areas. Some of the main reasons we love our jobs:

• Challenging work with amazing impact that contributes to security, peace, and freedom worldwide
• Extraordinary co-workers
• Some of the best tools, equipment, and research facilities in the world
• Career advancement and enrichment opportunities
• Flexible work arrangements for many positions include 9/80 (work 80 hours every two weeks, with every other Friday off) and 4/10 (work 4 ten-hour days each week) compressed workweeks, part-time work, and telecommuting (a mix of onsite work and working from home)
• Generous vacations, strong medical and other benefits, competitive 401k, learning opportunities, relocation assistance and amenities aimed at creating a solid work/life balance*

*These benefits vary by job classification.

Learn more at: www.sandia.gov/careers

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World-changing technologies.
Life-changing careers.

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All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, or veteran status and any other protected class under state or federal law.