



Career Opportunities

Lester Electrical is currently hiring to fill an open position on our staff at our facility located in Lincoln, Nebraska.

Automated Systems Engineer

Full time opening: Exempt

Design and upgrade automated equipment, control systems, processes and procedures required to facilitate efficient production, monitoring, testing, and storage of critical performance data for our products. Will have the ability to integrate LabView, Programmable Logic Controllers, and programmable electronic devices with personal computer-based or server-based systems by developing/modifying software communications and controls. Hardware selection and software development to integrate and control the various hardware components is a vital function of this position.

Job Functions

1. Design specialized, automated production, monitoring, and testing equipment. Designs shall be developed with consideration for safety, quality, efficiency, available labor skills, as well as legal, environmental, existing equipment, and material usage requirements.
2. Evaluate commercially available equipment to determine suitability for use.
3. Prepare equipment/control drawings and revise as required.
4. Troubleshoot and repair designs with maintenance department technicians as required.
5. Develop and maintain set-up and process specifications to ensure that process control is maintained. Trouble-shoot processing problems as necessary to maintain process control.
6. Monitor testing equipment, processes, and test results as assigned.
7. Prepare written recommendations including performance and cost analysis as necessary to justify proposals.
8. Provide technical expertise in advanced setup/operations of equipment.
9. Comply with all LESTER policies and procedures and maintain compliance with ISO 9000 requirements.
10. Coordinate effectively with other departments to efficiently complete projects.
11. Maintain professional conduct especially when communicating with internal/external customers and vendors.
12. Perform the following liaison engineer duties if assigned:
 - a. Be knowledgeable of all design projects within the designated product engineering group from the conceptual design phase through mature manufacturing of each product.
 - b. Provide meaningful input regarding the verification and manufacturability of designs throughout the design cycle of each product.
 - c. Ensure that suitable equipment is available on a timely basis for the manufacturing of each product.
 - d. Periodically advise the Product Engineering Manager of the status of each liaison product design project.
 - e. Seek authorization for major assistance from product engineering and maintenance personnel when needed for larger tasks.

Additional Responsibilities

Occasionally travel to customers, vendors, training trade shows etc. as requested.

Position Requirements

1. BSIE, BSME or BSEE degree with a minimum of 3-5 years of applicable automated systems engineering experience in an electronic assembly, fabrication and testing environment.
2. Proficient computer skills in LabView, C++/C, PLC ladder logic, AutoCad, MS Word and Excel, MySQL and PHP or equivalent database. Programming experience with LabView and PLCs along with code development in C for Windows. Robotics experience a plus.
3. Experience developing communications between application and external devices using RS-232, GPIB (IEEE488), Ethernet (IEEE802.3) and Bluetooth LE protocols.
4. Strong organizational and people skills to effectively manage many projects simultaneously in a team environment while supporting production on a continuous basis.
5. Experience with development and implementation of cost savings ideas. Performs cost analysis as required.
6. Ability to read electrical schematic.
7. Wide range of electrical, mechanical, manufacturing or industrial engineering knowledge and skills as applied to control systems.

If your interests, skills, and experience match up to the challenge of developing innovative new products for an industry leader, please submit your resume today.

Please send your resume to: ricke@lesterelectrical.com

Fax: 402-441-3728

Lester Electrical
625 West A Street
Lincoln, NE 68522

Unsolicited responses from recruiting/placement firms are not accepted for this position.

At Lester Electrical you will enjoy competitive compensation and great benefits, including: 401K and ESOP retirement plans.

An Equal Opportunity Employer.