



## **Automation Controls Engineer**

**Isthmus Engineering and Manufacturing Cooperative** is looking for an experienced electrical engineer to join our team. IEM builds “state of the art” custom automated machinery for a variety of industries including but not limited to; Medical/Life Sciences Consumer Products, Automotive, and Industrial.

IEM’s employee-owned, worker cooperative structure provides a unique opportunity to not only work with a highly skilled and dedicated group of people, but to also participate in a democratically run organization.

### **Essential job duties**

- Electrical hardware and software design
- Ladder logic programming
- HMI development
- Multi-axis motion control
- Specifying and correctly applying a variety of robotic platforms
- Machine vision
- Systems integration
- Equipment debug
- Technical writing

### **Required skills**

- Knowledge of NEC, NFPA79, and UL 508A
- Electrical drafting utilizing AutoCAD or AutoCAD Electrical
- PLC programming – Rockwell Automation ControlLogix platform a must
- Project management
- Excellent problem solving ability
- Strong interpersonal and communication skills
- Robot integration and knowledge of ANSI/RIA R15.06 a plus

### **Required experience**

B.S. in Electrical Engineering (or equivalent training and experience) and a minimum of 5 years of experience utilizing the skills listed above

Please e-mail your resume to [hr@isthmuseng.com](mailto:hr@isthmuseng.com) No phone calls, please

See our web site for additional company information [www.isthmuseng.com](http://www.isthmuseng.com)