

February 8th, 2024

Dear Electrical Engineering Majors,

Weiss Technik North America, Inc. is a local Grand Rapids company which produces custom environmental simulation test chambers, and our Engineering department is excited to announce that we will be hiring 1 student for an electrical engineering internship. This internship is full time during the summer and potentially part time during the school year. The full job description can be found on the following pages, and applications will be accepted until the position is filled.

Resumes can be submitted directly to sergio.kraljic@weiss-technik.com, and if you have any questions, we are happy to answer them. We look forward to hearing from you!

Kind regards,



Sergio Kraljic
Engineering Manager

Weiss Technik North America, Inc.
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www.weiss-technik-na.com

Job Title: Electrical Engineering Intern (Beginning Summer 2024)

Reports To: Engineering Manager

Company Overview

Weiss Technik North America, Inc. is a design and manufacturing leader of environmental simulation test chambers. These large and highly custom products combine knowledge from multiple engineering disciplines (Thermodynamics, Structural Design, Electrical Design, Controls/Logic, Fluid Dynamics, and Manufacturing) and use patented technology to recreate extreme environmental conditions reliably and repeatedly (from -100°C up to +200°C) for many industries, including but not limited to, automotive, electronics, aerospace, defense, medical, textiles, and pharmaceutical.

Position Overview

The Electrical Engineering Intern provides support to the Engineering and R&D departments by supporting projects, completing calculations, updating documentation, creating parts lists, and generating drawings relating to the design, performance, and/or construction of environmental test chambers. The Electrical Engineering Intern will work directly with the Electrical Engineering department to assist on key projects and help make recommendations regarding Weiss Technik equipment.

This is an excellent opportunity for an Electrical Engineering student to gain practical experience and develop skills in a real-world environment. The candidate will work on exciting projects and will have the opportunity to directly drive innovation within North America's largest environmental simulation test chamber company!

Duties and Responsibilities

- Project Support
 - Collaborate with engineers to assist with ongoing projects
 - Learn current processes/procedures and make recommendations regarding improvements
- Troubleshooting Assistance
 - Identify and assist in troubleshooting issues with electrical systems and/or logic, providing valuable input and solutions to resolve challenges
- Design Support
 - Collaborate with engineers to assist in the conceptualization, design, and development of electrical systems using AutoCAD software
- R&D Support
 - Collaborate with the R&D department in performing tests and completing research
- Documentation
 - Maintain accurate records for projects, BOMs, engineering change notices, and drawing revisions
 - Contribute to the preparation of technical reports and presentations
- Status Updates
 - Participate in weekly team meetings by presenting status updates on current assignments
- Other tasks and duties as specified and discussed with the Engineering Manager, Senior Engineers, and/or other Managers

Internship Support

- Electrical Engineering Intern will receive hands-on experience with on-the-job training
- Opportunity to work in a cross-functional team with engineers representing many technical disciplines (Thermodynamics, Structural Design, Electrical Design, Controls/Logic, Fluid Dynamics, and Manufacturing)
- Access to mentors through the experienced engineers on staff
- Professional presentation training and a resume review will be provided
- More responsibilities and opportunities will be given if projects are completed early
- Upon completion of all rotations, the Electrical Engineering Intern may be considered for permanent employment with Weiss Technik after graduation

Qualifications

- Currently working towards an Electrical Engineering degree at an ABET (or equivalent) accredited university
- Must have attained at least a junior status and taken at least 1 circuits course
- Work Authorization: Permanent U.S. Resident, U.S. Citizen
- Possession of skills in Microsoft Office: Word, PowerPoint, Excel required
- Experience in AutoCAD software preferred
- Experience working in an industrial manufacturing environment is a bonus
- Excellent verbal, written, and interpersonal communication skills
- Initiative in applying problem solving skills
- Ability to effectively work independently and as a team member
- Ability to define problems, collect data, establish facts, and draw conclusions

Working Conditions

Mostly stationary work with occasional movement throughout the facility to access files, chambers, office machinery, etc. Works at a desk and a computer screen for extended periods of time. Employee must be able to manually enter data to the computer system and understand the screen and images that appear. Frequently lifting and carrying up to 10 lbs and occasionally lifting up to 50 lbs. Use of hands to hold, lift and handle materials. Occasional climbing, bending, and squatting. Periodic travel may be involved. When traveling, significant portions of travel time (both car and air) may involve extended sedentary periods. Subject to weather and adverse driving conditions when outside.

This position is 100% in-office and permits up to 40 hours per week (8 hours per day, 5 days per week) at \$21.00 per hour (gross pay). Overtime will only be approved in extraordinary cases. The standard work schedule is 7:30am to 4:30pm Monday – Friday. Candidate will need to supply their own transportation.

Direct Reports

Direct Reports: No

FLSA: Exempt or Non-exempt

Non-exempt

Team Leader:	
Date:	
Employee:	