

LET'S CONNECT

## POSITION DESCRIPTION

# Electrical Engineering Grads: Join Our Team

Are you about to graduate as an electrical engineer? Are you looking for a rewarding career with excellent growth potential? If you are creative, positive, collaborative, and ready to apply your engineering education to designing great facilities, then this might be the position for you.

Emanuelson-Podas is seeking electrical engineering graduates and interns to join our team in Minneapolis, Minn. As an Electrical Engineer at EP, you will be responsible for the design of electrical systems for buildings including power distribution, lighting, fire alarm, security, telecommunications, and audio/visual.

Be part of our integrated team of mechanical and electrical engineers that create innovative and unique solutions for each of our client types. Then see your vision come to life as it is constructed, monitoring the installation, and ensuring quality workmanship.

Emanuelson-Podas offers employees competitive salaries with a benefits package that closely aligns with our corporate values. It is our belief that our employees are our greatest resource. It is their hard work, dedication, intelligence, and collective attitude that has allowed us to reach our goals as a company. We proudly recognize and celebrate this fact, and offer a benefits package that is nearly unmatched in the A/E/C industry.

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### POSITION SUMMARY:

You'll be responsible for participating in the design process preparing detailed electrical drawings and details. The work includes engineering design analysis for short circuit fault current, arc flash hazard, photometric analysis, voltage drop, load flow analysis, and general research of new technologies as applicable.

### THE SUCCESSFUL CANDIDATE WILL:

- Learn and master the primary drafting tools, Revit and AutoCAD, as well as engineering analysis tools such as SKM Power Tools for fault current studies and AGI for photometric analysis.
- Develop electrical designs from concept through completion of construction.
- Prepare engineering design calculations, create layouts, and write detailed engineering reports.
- Live out and uphold our values – Family, Service, and Trust.
- Live out and uphold our brand – Connections.

### QUALIFICATIONS:

- Bachelor of Science Degree in Electrical Engineering or Junior level electrical engineering student if seeking an internship.
- Minimum GPA of 3.0.

### ABOUT EMANUELSON-PODAS

Founded in 1957, Emanuelson-Podas, Inc., (EP) is known to deliver expert mechanical, electrical, and plumbing design solutions to a select group of clients within a variety of key industry sectors such as corporate, civic, education, fitness, financial, healthcare, hospitality, housing, industrial, municipal, restaurant, retail, and worship. Headquartered in Edina, MN, EP is a values-driven firm where the team embraces a work approach rooted in collaboration and partnership, based on the belief that amazing spaces happen when real connections are formed between engineers, architects, contractors, and business owners. This philosophy results in exceptional performance and results.

Interested candidates should send a cover letter and resume to [careers@epinc.com](mailto:careers@epinc.com). For more information, visit [epinc.com](http://epinc.com).

