

HENNEPIN COUNTY MINNESOTA

STEM

works here



Electronics technician

Work on:
Construction electricity
Electrical systems
Electrical wiring diagrams/plans
Mechanical systems
Meters

Knowledge of:
Communications systems
Electrical engineering
Mathematics
Physics



\$45,244.36 - \$74,755.65
Annually



Operations



Percent of my day
100% in the field

"I like the unpredictable and varied nature of working as an electronics technician. It requires planning with the ability to adjust to constantly changing project timelines and circumstances."

- Mike Martin

STEM

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Electronics technician

Why an electronics technician?

Electronics technicians play an essential role in keeping the county's traffic signal system in working order. Their work is vitally important because the safety of those who travel on county roads is dependent on the work technicians do.

What do electronics technicians do?

Electronics technicians at Hennepin County are responsible for maintaining various traffic signal communication and control systems, lighting and electronic signs to ensure their performance meets standards.

Electronics technicians work on everything from erecting structures to developing special circuits and sequencers to enhance signal operations, installing control devices to working with computerized communication cables. Their work also includes installing street and highway lighting including lights under and over bridges, lights on the sign structures and the high mast towers around many intersections.

Who makes a good electronics technician?

Organizational, technical and safety skills are a must for electronics technicians. Ideal candidates have strong problem-solving skills and can apply electrical and electronic theory and related knowledge to build, maintain or modify electrical components, circuitry, controls and machinery.

They are highly proficient in mathematics and physics to be accurate and precise with measurements and calculations.

Electronics technicians can handle multiple projects independently and work effectively as part of a team with strong communication skills to performing complex tasks.

For more information

Human Resources

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