



# Energizing Careers – Becoming a Relay Technician

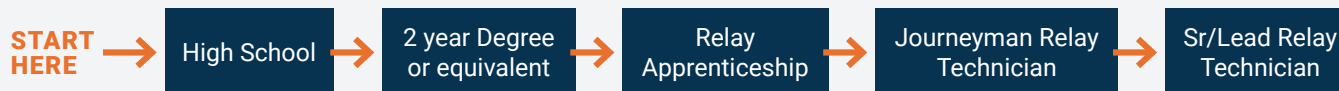
## Description:

A Relay Technician will participate in the installation, repair and maintenance of of substation, distribution and generation equipment. They focus on the system protection and control of substation equipment. They install, maintain and repair secondary control wiring and program the operation of equipment. A relay technician will work with customers and other departments to provide technical support. They help with troubleshooting and problem solving. They are subject to emergency call outs and overtime and will work indoors and outdoors year-round.

## Skills & Qualifications:

- Industrial controls
- Microprocessors
- Power systems
- Computer/digital instrumentation
- Local area networks and telecommunications
- Advanced math
- Interpersonal communications

## Relay Pathway:



## Education Programs:

- Engineering Tech
- Robotics
- Electrical Power Systems
- Electronics
- *Bachelor of Science in:*
  - Electrical Engineering
  - Electronics Engineering Technology
- *Associates of Applied Science in:*
  - Electronic and Computer Engineering Technology
  - Electrical Utility Substation & Relay Technology
  - Electrical Utility Substation Technology
  - Electronic Systems Technology
  - Electrical & Electromechanical Technology
  - Electronics Technology
  - Equivalent of 2 years in Military Electronics core experience and training

## Schools:

- WTI
- Wichita Tech
- Military Training
- Kansas State University - Salina Campus
- Wichita State University
- DeVry University
- Hutchinson Community College
- Johnson County Community College
- Kansas City Kansas Community College
- UMKC

## Annual Salary:

- Relay Technician I-IV: **\$76,000-\$110,000**
- Relay Technician: **\$93,000-\$130,000**
- Senior/Lead Relay Technician: **\$107,000-\$150,000**

## Internships and Job Opportunities:

Visit us at [evergy.com/careers](https://evergy.com/careers) or scan the QR code.



# Becoming A Relay Technician

## Apprentice Relay Technician I-IV

### *What will you do?*

- Assist Senior/Journeyman Relay Technicians by providing tools.
- Maintain a clean work area.
- Drive a company vehicle to different jobsites.
- Apply AC/DC fundamentals.
- Troubleshoot equipment issues with the assistance of a Senior/Journeyman Relay Technician
- Assist in maintaining testing documentation.

### *What Knowledge/skills/abilities do you need?*

- Ability to work in a team setting.
- Be comfortable working with hand tools and computers both inside and outdoors.
- Able to lift 75 lbs.
- Listen and follow directions.
- Come to work on time.
- Receive and implement feedback.

## Journeyman Relay Technician

### *What will you do?*

- Test and maintain new and existing protective relays, and associated equipment within the electrical system utilizing various types of electronic test equipment.
- Resolve issues utilizing AC/DC fundamentals utilizing schematics and wiring diagrams.
- Ensure all compliance documentation is completed.
- Assist in the training of relay apprentices.

### *What knowledge/skills/abilities will you need?*

- Understanding of electrical safety standards and practices.
- Problem solving and analytical skills.
- Strong teamwork and communication skills.
- Experience with relay schematics and wiring diagrams.

## Senior Relay Technician

### *What will you do?*

- Responsible for all activities related to the commissioning of protection and control systems for new and expanded substations/switch-yards, distribution system equipment and generation equipment.
- Train and mentor apprentices and journeyman.
- Verify protection and controls systems are functioning as designed.
- Utilize electrical safety standards and practices to ensure everyone is working safely.

### *What knowledge/skills/abilities will you need?*

- The ability to lead a team of technical professionals.
- An ability to understand protection schemes utilized by Evergy and recognized issues as they arise.
- Understand how to read and modify prints.
- The ability to make informed decisions.

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