



Career Information

Electrician

Overview

Career Title: Electrician

Industry/Field: Trades

Electricians are professionals who design, build and repair electrical systems. An electrician's primary job is to channel electrical power from its source into applications that people use in their daily lives. These systems may include lighting, industrial equipment, motors, electrical appliances, speaker systems and visual displays.

Date	February 2025 Updated
Required Education & Skills	<p>Hard Skills:</p> <ul style="list-style-type: none">• An aptitude for math• Mechanical Ability• Ability to distinguish colors when working with color coded wiring.• Proficiency with tools (saws, hammers, drills, etc.)• Blueprint and technical drawing interpretation• Measurement and mathematical calculations• Knowledge of construction techniques and materials• The ability to work in high places <p>Soft Skills:</p> <ul style="list-style-type: none">• Effective problem-solving skills to identify and resolve issues that may arise during construction projects• Excellent communication skills to effectively collaborate with team members, clients, and other tradespeople• Strong attention to detail to ensure precision and accuracy in measurements and construction work• Ability to work independently with minimal supervision, demonstrating self-motivation and initiative• Manual dexterity & physical strength and stamina
Job Market & Outlook	<p>Current Demand: Electricians are in steady demand due to ongoing construction, renovation projects, and infrastructure needs in Canada. Furthermore, the aging workforce in the carpentry industry, coupled with the retirement of skilled carpenters, is creating job vacancies.</p> <p>Projected Growth: Employment of electricians is projected to grow 11% from 2023 to 2033, much faster than the average for all occupations.</p> <p>Salary Information: These are average national salaries, experience, and geographical location will alter your salary.</p> <p>These figures can fluctuate based on factors such as industry demand, certifications, and regional economic conditions. Alberta's average salary tends to be higher, reflecting the provincial demands and economic conditions.</p> <p>Entry-level: \$43,000.00 - \$55,000.00 per year</p> <p>Mid-level: \$66,000.00 per year</p> <p>Experienced: \$76,000.00+ per year</p>

Pros & Cons of this Career

Pros:

- High demand leading to diverse job opportunities
- Working with your hands
- Excellent salary
- Strong job outlook, steady demand and opportunities to specialize
- Potential to be self-employed and flexible in project selection

Cons:

- Physically demanding work requires strength and stamina
- Safety concerns working with electricity is dangerous
- Exposure to hazards like falls, tools, or sharp materials
- Weather-dependent work for outdoor project

This information has been compiled using publicly accessible provincial and federal data sources.

