

# ELECTRICIAN



"I was looking for a stable career with lots of opportunities to grow and learn."

## ABOUT THIS CAREER

Electricians install new electrical systems and test, replace, upgrade and service existing systems in all types of buildings and structures. There is also growing demand for specialized work with controls, fibre optics and communication and computer networks.

**8,700 +**

PROJECTED CONSTRUCTION  
WORKER RETIREMENTS  
IN THE NEXT DECADE

*\*BuildForce Canada*

Contact the local union for more information on hourly pay, benefits, pensions and more.



You like working with digital programs.



You can interpret blueprints.



You have strong math skills.

## RESPONSIBILITIES

- Read and interpret blueprints, maps, drawings and specifications
- Test and measure voltage, loads, ground faults integrity of circuits
- Install power generation, stand-by power generation and power conditioning systems
- Connect power to audio and visual equipment
- Renovate electrical systems in residential and commercial structures
- Conduct preventive maintenance programs

## WHAT YOU'LL NEED to become an electrician

### Entrance Requirements

- Grade 11 (regular or GED) Science 20
- Math (One of: Math 20, Workplace & Apprenticeship Math 20, Foundations of Math 20 or Pre-Calculus 20)
- English language requirement

**Apprenticeship Program:** Includes technical training, on-the-job training and exam. Journeyman certificate awarded after successful completion. As an apprentice, you also earn while you learn.

### Key Skills & Attributes

(technical training and on the job)

- Reading, communication & numeracy skills
- Problem-solving /planning skills
- Hand-eye coordination
- Physical fitness
- Work experience with electrical equipment & digital technology programs

## DID YOU KNOW?

You can work indoors or outdoors. You can be self-employed or work with others such as electrical contractors, building maintenance departments and others.

