



ABOUT THIS CAREER

Electricians install, test, repair, maintain and upgrade new and existing electrical systems designed to provide heat, light, power, control, signal or fire alarms for all types of buildings, structures and premises. There is growing demand for specialization in controls, fiber optics and communication & computer networks.

55,810 CONSTRUCTION
WORKERS NEEDED BY 2030*

**BuildForce Canada*

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

"I like variety and wanted a career where I could use my creativity and strength every day."



You have good mechanical ability.



You can interpret blueprints.



You can create new ways of doing things.

RESPONSIBILITIES

- Read and interpret drawings and electrical code specifications
- Cut, thread, assemble and install conduits, other electrical conductor enclosures & fittings
- Install, replace and repair electrical systems & equipment
- Splice, join and connect wires position, maintain and install distribution & control equipment
- Test and measure voltage, loads, ground faults integrity of circuits
- Install surface mount, overhead cables, data cabling

WHAT YOU'LL NEED

Entrance Requirements

Completed courses of study, work experience related to the electrician trade or a related journeyman certificate + employer's recommendation may qualify for credit to reduce term of apprenticeship. Previous training/work experience in the trade + desire to determine level of skill & knowledge or advanced standing in an apprenticeship program may apply for a Prior Learning Assessment.

Apprenticeship Program:

4 years, 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 and good numeracy skills
- Problem-solving and planning skills
- Manual dexterity and ability to do precision work
- Ability to work with your hands and at heights
- Ability to work outdoors in diverse weather
- Physical strength & ability to work with heavy materials
- Experience using precision tools & equipment

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.

