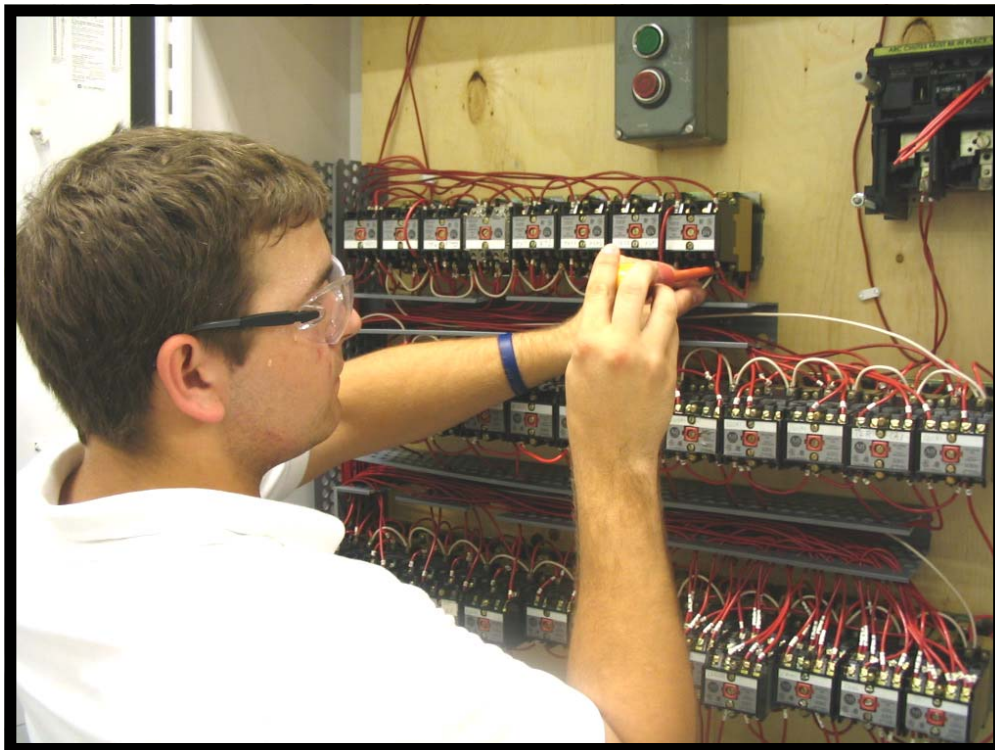


# **Construction Electrician, Electrical Technologist, Electrical Technician**

Electricians install, construct, alter, repair, maintain and operate related electrical systems in any premise, place, building or structure. They ensure that all electrical connections are safe and meet standards set by the electrical code. Electricians may be employed by contractors, maintenance departments of institutions or they may be self-employed. They interpret drawings and electrical code specifications at construction sites.



## **Duties:**

- Assist a skilled electrician by supplying materials, equipment, and tools at the scene of the job;
- Participate in stringing overhead wires and cables and installing underground conduit and wire;
- Install, maintain, and repair wiring systems and other electrical fixtures and equipment;
- Improve operations, streamline work processes, and work cooperatively with other trades people;

**“There has never been a better time to get involved with a trade. The opportunities are limitless. If you want a career with an outstanding pay grade, and work that is challenging and rewarding, you need to explore the trades today!”**

## Essential skills:

- Learn the practices, methods, tools, materials, and equipment of the electrical trade.
- Learn to read and draw simple electrical sketches.
- Learn the occupational hazards and necessary safety precautions.
- Observe, compare, or monitor data to determine compliance with prescribed operating or safety standards.
- Use calibrated instruments to measure electric current and voltages.
- Draw, interpret and read graphic instructions such as blueprints.



**Education:** Grade 12 OSSD. An apprenticeship is required.

**Salary:** \$64,000-\$105,000 a year for a licensed Red Seal Electrician.

### Who would be interested in the **Electrical Specialist High Skills Major program?**

Those who would like to be an electrical journeyman, electrician, lineman, project manager, service technician, instrumentation tech, electrical inspector, general foreman, estimator, contractor, health and safety representative.

Electricians work in the areas of installation, testing, operation, maintenance, and repair, as well as analyzing and troubleshooting a variety of electrical circuits, PLCs, and telecommunications, high voltage wiring, instrumentation and motor controls.

A construction and maintenance electrician will earn a compulsory certified trade certificate regulated by the trades qualification and apprenticeship act. A person working in this trade must hold a valid certificate of qualification or be registered as an apprentice.

Check out [www.schooltocareer.ca](http://www.schooltocareer.ca)

or for more information, contact:

**Rajani Rao Peters, Head of Student Services 905 335-5588 Ext. 227**

Don't miss out on a fabulous career in electrical! Sign up and get **wired** today at:

[www.onsorts.ca](http://www.onsorts.ca)