

# The Ontario Electrical Safety Code for Electrical Technicians and Technologists



ESA offers Electrical Engineers, Electrical Engineering Technicians and Technologists and Electrical Designers a two-day on-site training course. Ask your Client Safety Specialist for details.

Understand the Ontario Electrical Safety Code for compliance in design applications.



## LEARNING OBJECTIVES:

Module 1 provides learners with a general understanding of the Ontario Electrical Safety Code structure, definitions and general rules, and includes requirements for conductor ampacities and circuit loading. It also reviews the requirements for electrical equipment installations. The objective of module one is for learners to consider the impact of general code requirements in design practice.

Module 2 provides learners with information regarding grounding and bonding, protection and control, wiring methods, and high voltage installations. The objectives of module two are for learners to gain awareness of wiring methods and how installation requirements can impact design considerations.



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*Training is a non-regulatory service offered by the Electrical Safety Authority (ESA).  
For more information visit  
[www.esasafe.com/about-esa/non-regulatory](http://www.esasafe.com/about-esa/non-regulatory).*

**MISSION:** Improve electrical safety for the well-being of the people of Ontario.

**VISION:** An Ontario where people can live, work and play safe from electrical harm.

# The Ontario Electrical Safety Code for Electrical Technicians and Technologists



## TOPICS:

- Module 1 - Introduction to the Ontario Electrical Safety Code
  - 1.1 Introduction – Structure of the Ontario Electrical Safety Code
  - 1.2 Section 0 – Object, scope, and definitions
  - 1.3 Section 2 – General rules
  - 1.4 Section 8 – Circuit loading and demand factors
  - 1.5 Section 4 – Conductors
  - 1.6 Section 26 – Installation of electrical equipment
  - 1.7 Section 28 – Motors and generators
- Module 2 - Protection Requirements and Installation Methods
  - 2.1 Section 10 – Grounding and bonding
  - 2.2 Section 14 – Protection and control
  - 2.3 Section 12 – Wiring methods
  - 2.4 Section 36 – High voltage installations

## WHAT TO BRING:

- Ontario Electrical Safety Code (27th Edition) – You are required to bring the 2018 Ontario Electrical Safety Code book with you to the course.
- Pen, pencil, highlighter
- Calculator
- Ontario Electrical Safety Code Bulletins

## REGISTRATION FEES:

- Two-day public (Classroom) course: \$648.00 + applicable taxes, per person
- To request a quote for a private course, contact a Client Safety Specialist at [CSS.ContactUs@electricalsafety.on.ca](mailto:CSS.ContactUs@electricalsafety.on.ca)
- \$10 CSA National Code License Fee + applicable taxes, applies per person
- Training registration cancellation requests will be subject to a refund processing fee of \$28 + applicable taxes.

**PLEASE NOTE:** This course does not attempt to render engineering or other professional services. If such services are required, the assistance of an appropriate professional should be sought

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