

# The Ontario Electrical Safety Code for Electrical Technicians and Technologists



ESA offers Electrical Engineers, Electrical Engineering Technicians and Technologists, Electrical Designers a 2 day on-site training course for \$9,138 + applicable taxes (maximum 25 participants). Continuous Safety Services (CSS) program members receive a discount. Ask your Client Safety Specialist for details.

## The Ontario Electrical Safety Code for Electrical Technicians and Technologists

**Understand OESC requirements to be considered during the design of new and existing electrical installations. This course includes information regarding installation practices and is designed to guide the learner from a general to a specific understanding of the OESC.**

### Learning Objectives:

- ✓ Module 1 provides learners with a general understanding of the OESC structure, definitions and general rules, and includes requirements for conductor ampacities and circuit loading. It also reviews the requirements for electrical equipment installations.
- ✓ 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 develop an understanding of the relationships between various sections of the OESC, and to develop the ability to anticipate issues within specific installations when designing for compliance with the OESC.

### Schedule an ESA training course today!

#### Topics:

- ✓ Module 1 - Introduction to the Ontario Electrical Safety Code
  - 1.1 Structure of the OESC
  - 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
- ✓ 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

**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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CEU Accreditation:  
TBD



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or call:  
1-877-854-0079



#### On-Line Courses Available:

- Pre-Master Electrician Course
- 2015 OESC (26th Edition)
- Electrical Safety Awareness 1
- Maintenance of Electrical Systems (Z463)

**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.