

Ontario Electrical Safety Code (28th Edition | 2021) – General Level 1



ESA offers Electricians, Electrical Apprentices, Electrical Engineers & Designers, Maintenance Personnel, Supervisors, Business Owners, and Management Personnel a ½ day on-site training course. Ask your Client Safety Specialist for details.

Review the new and amended requirements of the Ontario Electrical Safety Code for residential, commercial and industrial installations.



LEARNING OBJECTIVES:

Discuss the new and amended requirements of the General, Supplementary, and Amendatory Sections of the 2021 Ontario Electrical Safety Code.

Apply knowledge of new and amended requirements to the design and installation of electrical equipment to ensure compliance with the 2021 Ontario Electrical Safety Code.

Develop an understanding of the Climate Change Adaptation Project.

Examine new and revised Tables and Appendices in the 2021 Ontario Electrical Safety Code.

TOPICS:

- Identify the revisions in the following sections:
 - Section 2 – General rules
 - Section 4 – Conductors
 - Section 6 – Services and service equipment



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*Training is a non-regulatory service offered by the Electrical Safety Authority (ESA).
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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.

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- Section 8 – Circuit loading and demand factors
- Section 10 – Grounding and bonding
- Section 12 – Wiring methods
- Section 14 – Protection and control
- Section 20 – Flammable liquid and gasoline dispensing, service stations, garages, bulk storage plants, finishing processes and aircraft hangers
- Section 22 – Locations in which corrosive liquids, vapours, or excessive moisture are likely to be present
- Section 24 – Patient care areas
- Section 26 – Installation of electrical equipment
- Climate Change Adaptation Project
- Section 30 – Installation of lighting equipment
- Section 42 – Electric welders
- Section 62 – Fixed electric heating systems
- Section 64 – Renewable energy systems, energy production systems, and energy storage systems
- Section 68 – Pools, tubs and spas
- Section 75 – Installation of power lines
- Section 86 – Electric vehicle charging systems

WHAT TO BRING:

- Ontario Electrical Safety Code (28th Edition) – It is recommended you bring the 2021 Ontario Electrical Safety Code book with you to the course.
- Pen, pencil, highlighter, calculator
- Ontario Electrical Safety Code Bulletins

REGISTRATION FEES:

- Half-day public (Classroom) course: \$250.00 + applicable taxes, per person
- Half-day public (Virtual Instructor-led) course: \$250.00 + applicable taxes, per person
- Online course: \$199.00 + applicable taxes, per person
- To request a quote for a private course, contact a Client Safety Specialist at 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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