

# Grounding and Bonding



## METHODS OF DELIVERY



In-Person



Virtual

## COURSE LENGTH

**In-Person:** Half-day

**Virtual Instructor-led:** Half-day

**CEU Accreditation:** MECP 0.4

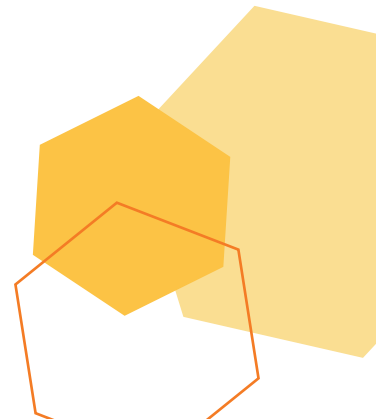
**Participants will learn about the principles of grounding and bonding, the requirements outlined in Section 10 of the Code, and supplemental and amendatory sections and rules.**

## This course is ideal for:

- Those working with electricity, such as electricians and electrical apprentices, who want to expand their knowledge of the Ontario Electrical Safety Code (OESC) requirements related to grounding and bonding.
- Electrical engineers, technicians, and technologists who are responsible for designing and ensuring compliance with grounding and bonding systems.
- Building and construction professionals who need to ensure compliance with grounding and bonding requirements during the construction or renovation of a building.
- Facility managers with an electrical or technical background who are responsible for ensuring the safe and efficient operation of electrical systems in their buildings.

## Topics include:

- Grounding and bonding definitions and theory
- Solidly grounded systems
- Impedance grounded systems
- Equipment bonding
- Equipotential bonding
- Requirements for HV station grounding and bonding
- Bonding for pools and hot tubs
- Service entrance grounding



# Grounding and Bonding (continued)



## Registration Fees:

Delivery Method	Individual	Group*
Classroom	\$449 (per person)	\$3,450 (up to 25 participants)
Virtual Instructor-led	\$449 (per person)	\$4,600 (up to 20 participants)

### Note:

Applicable taxes are not included in the outlined registration fees.

The training materials contain excerpts from a CSA copyrighted publication, and a CSA licensing fee of \$10.00 applies per person for both individual and group registrations.

\*Contact a Client Safety Specialist at [CSS.ContactUs@electricalsafety.on.ca](mailto:CSS.ContactUs@electricalsafety.on.ca) for further details about group registrations. Additional fees will apply for private training delivered outside of regular business hours.

*Please scan the QR code for more details*



## What to Bring:

- Ontario Electrical Safety Code (29th edition) – **The 2024 OESC is required for this course**
- Pen, pencil, highlighter
- Calculator
- Ontario Electrical Safety Code Bulletins