

# Electricity: The Invisible Killer

## 1 Who Should Attend . . .

This program is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about workers' compensation costs.
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work.
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA).

## 2 MIOSHA Training Institute

MIOSHA Consultation Education and Training (CET) Division and Macomb Community College (MCC) have developed the MIOSHA Training Institute (MTI) through a formal alliance. The MTI introduced an Assessment-Based Certificate program, effective October 1, 2007. The certificate program offers participants an opportunity to be recognized for their educational efforts and increased technical expertise. Courses are offered throughout the state in sponsorship with other M-TEC<sup>SM</sup> facilities, community colleges, and safety and health organizations. To learn more about the certificate program, log-on to the CET Division website at [www.michigan.gov/mti](http://www.michigan.gov/mti).

## 3 What You'll Learn . . .

Electrocutions continue to be one of the leading causes of fatalities in construction. This program will explain and illustrate the primary electrical hazards in and around construction. There will be special emphasis on the importance of recognizing and eliminating hazards in order to avoid shock and/or electrocution in the work place. Also covered in the program will be MIOSHA standards that apply to electrical hazards; what constitutes a fatal amount of current and when overhead lines need to be de-energized.

### Agenda

*We offer a flexible program agenda to emphasize the construction topics you want most.*

- ▶ Explain the primary electrical hazards in construction.
- ▶ Review the MIOSHA standards that apply to electrical safety in construction.
- ▶ Explain ways to avoid electrical hazards in construction.

***This course has been approved for both residential builders pre-licensure and continuing safety training requirements.***

All meetings are accessible and barrier free. Please contact the cosponsor or the CET Division, at least 30 days in advance, to request necessary accommodations.

# Facilitator

Bryan Renaud joined MIOSHA in 2003 as a Compliance Safety Officer in the Construction Safety and Health Division. His duties included inspecting a variety of workplaces to evaluate their compliance with the Michigan Construction Safety Standards, and investigating accidents and fatalities. Bryan was promoted to Senior Safety Officer in 2006 and later served as a regional supervisor in the enforcement division.

Prior to joining MIOSHA Bryan was a journeyman electrician with the International Brotherhood of Electrical Workers local 773 based in Windsor, Ontario, Canada. Bryan has construction experience ranging from heavy industrial projects to single family residential dwellings.

Bryan maintains electrical licenses recognized throughout Canada and the state of Michigan. Bryan joined the Consultation Education and Training Division in 2009 and provides consultation and training services for construction employers and employees in the Lapeer, Macomb, Monroe, Saint Clair, Sanilac, and Wayne counties.



**Bryan Renaud**  
Senior Construction Safety Consultant  
MIOSHA, CET Division

## Program Details

**DATE:** October 5, 2021  
**LOCATION:** Macomb Community College, East Campus  
Emergency Services Training Center  
21901 Dunham Road  
Clinton Township, MI 48036  
**COST:** \$ 94 per person.  
Includes course materials.  
Certification/Maintenance Points Available

**TIME:** Check-in - 8:30 a.m.  
Program - 9:00 a.m. to 12:00 p.m.  
**DEADLINE:** Register by September 25, 2021  
Please register early!  
**CONTACT:** Steve Stopin - 586-498-4106 or  
stopins125@macomb.edu  
Incident Weather Line  
586-445-7800 or [www.macomb.edu](http://www.macomb.edu)

**COSPONSOR: Macomb Community College**

## How to Register

### Electricity: The Invisible Killer

#### **Class Registration:**

- ▶ **Phone:** 586-498-4106
- ▶ **Email:** [mti@macomb.edu](mailto:mti@macomb.edu)
- ▶ **Mail to:** Steve Stopin  
Macomb Community College  
East Campus  
21901 Dunham Road  
Clinton Township, MI 48036

**Please Enclose Check or Money Order  
Made Payable to: Macomb Community College**

#### **Complete Separate Registration Form For Each Attendee.**

Attendee Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_ (Needed for Registration)

**To pay by Discover, Mastercard or Visa, please provide us with your contact name, email, and phone number. You will be contacted to process card payment. If contact name is not listed above, provide us with that information below.**

**Contact Name:** \_\_\_\_\_  
**Contact Email:** \_\_\_\_\_  
**Contact Phone Number:** \_\_\_\_\_

The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call 517-284-7720 at least 30 days before the program. The Department of Labor and Economic Opportunity (LEO) is an equal opportunity employer/program.