

# 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 liability and 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.

**New**

## ***MIOSHA Education Training Materials Have Gone Electronic***

MIOSHA Training Institute (MTI) has changed the delivery of its printed education materials to an electronic format.

Before this workshop, registered attendees for this class will receive an e-mail with a link and instructions for accessing electronic presentation slides. The handout can be printed in advance or downloaded onto a laptop, tablet or smartphone to view during the seminar or workshop. A flash drive will be provided at the class which will include additional handouts and reference materials.

**Important:** When registering for this class, please provide your complete email address.

***Remember to download your course handout ahead of time!***

### ***Frequently Asked Questions***

**Q: How will I receive my materials?**

**A:** First, you will receive an e-mail from this cosponsor, which will include instructions and a link to our website. Download the handout to your computer or other device before traveling to the class. Additional materials will be provided to you in class on a flash drive.

**Q: Which e-mail address will materials be sent to?**

**A:** Your link will be sent to your e-mail address. Make sure that you provide us with your valid e-mail address (where you want the handout link to be sent).

**Q: Will I be able to print my materials at the seminar or workshop?**

**A:** Print or download the presentation slides before you arrive for the class. No printing services will be available.

**Q: What electronic format will the handouts be in?**

**A:** All materials will be available as PDF documents.

**Q: Will I be able to charge my device at the seminar or workshop?**

**A:** We recommend that your device is fully charged before you arrive. Charging stations may not be available in the classroom.

**Q: What happens if I do not receive an email?**

**A:** In the unlikely event that you do not receive the link via email, please call the Contact Number listed on the next page for assistance.



# Facilitator

Patrick Sullivan began his MIOSHA career as a Compliance Officer with the Construction Safety Division in 1994. Seeking a new challenge he transferred to the CET Division as a traditional consultant specializing in construction safety. He enjoys reaching out to employers and employees to help them be proactive instead of reactive to jobsite safety.

In 1976 Patrick started as a laborer and then in 1977 joined the Bricklayers Union as an apprentice. After completing his apprenticeship Patrick worked on many of Detroit's major building restoration projects. His MIOSHA enforcement experience and extensive knowledge of all types of scaffolding, fall protection, and all other aspects of the construction industry make him a valuable teacher and consultant for the CET Division. His experiences investigating serious construction accidents and fatalities make him a passionate advocate for preplanning construction projects and promoting safety on every jobsite.



**Patrick Sullivan**

Senior Construction Safety Consultant  
MIOSHA, CET Division

## Program Details

**DATE:** December 6, 2016  
**LOCATION:** Washtenaw Community College  
Morris J. Lawrence Bldg. ML 128  
4800 East Huron River Drive  
Ann Arbor, Michigan 48105  
**COST:** \$90 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 November 30, 2016  
Please register early!  
**CONTACT:** Josh Humbel - 734-477-8942  
or 734 677-5233  
Email: [jhumbel@wccnet.edu](mailto:jhumbel@wccnet.edu)

**Inclement Weather Line:** 734-677-5288

**COSPONSOR:** *Washtenaw Community College*

## How to Register

### Two Easy Ways to Register . . .

- ▶ **Mail:** *(Check or Money Order Only)*  
Washtenaw Community College  
Non-credit Registration or  
Continuing Ed Registration  
Student Records Office SC 203  
4800 East Huron River Drive  
Ann Arbor, MI 48105-4800
- ▶ **Web:** *(Credit Card Only) -*  
<https://washtenaw.augusoft.net/>  
**Select:** Workforce Development Classes  
**Enter:** MIOSHA into Search Box (Top Corner)  
**Select:** **Electricity: The Invisible Killer**

### Complete Separate Registration Form for Each Attendee

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

Please Make Check or Money Order Payable to:  
**Washtenaw Community College**

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 Licensing and Regulatory Affairs is an equal opportunity employer/program.