



An Informative Full-Day Seminar:

# Industrial Robotic Safety

## 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 . . .

This seminar is for those who supervise the use of, or are responsible for maintaining, industrial robots. Attendees will receive a comprehensive review of employer and employee safety practices applicable to robotic operations in the industrial workplaces. Accident and incidents resulting in employee injury and /or death will be discussed. The seminar will cover evaluation and selection of safe guards and an understanding of hazard recognition.

### Agenda

*We offer a flexible program agenda to emphasize the health and safety topics you want most.*

- ▶ History of Industrial Robots
- ▶ Prevent Robotic Accidents
- ▶ Guarding Requirements ANSI and MIOsha
- ▶ Robotic Control Systems
- ▶ Operator, Maintenance and Setup Tasks

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.

# ***MIOSHA Education Training Materials***

The student training manual and course reference materials will be provided in electronic format via email for students to download and print before class if they wish.

**No hard copy textbook will be provided at the class. Upon arrival at class, each student will also receive a flash drive containing these materials which is theirs to keep.** If you wish to bring a copy to class, you have the option to **download and/or print** the course materials in advance.

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

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

## ***Frequently Asked Questions***

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

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

**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 under Program Details on the next page for assistance.



# Facilitator

Jeff Edgerton joined the General Industry Division of MIOSHA in 2012 as a Safety Officer. For more than seven years, he conducted inspections in high-hazard industries, addressed employee complaints, and investigated workplace injuries and fatalities.

In 2019, Jeff was appointed to the position of Occupational Safety Consultant in MIOSHA's Consultation Education and Training Division. In this capacity, he advises general industry employers, workgroups, and governmental agencies in areas relating to occupational safety hazards and compliance with MIOSHA Safety Standards. He also conducts hazard surveys and develops and delivers training seminars.

Prior to joining MIOSHA, Jeff worked in construction and for the Flint Community School District. He received a Bachelor of Arts degree from the University of Michigan-Flint in 2009.

Presenters: Jeff Edgerton, Occupational Safety Consultant; and Mike Brodzik, Senior Occupational Safety Consultant; MIOSHA-CET Division



**Jeff Edgerton**  
*Occupational Safety Consultant*  
*MIOSHA, CET Division*

## Program Details

**DATE:** April 7, 2021  
**LOCATION:** Macomb Community College - M-TEC<sup>SM</sup>  
7900 Tank Avenue  
Warren, Michigan 48092  
**COST:** \$130 per person.  
Includes lunch and course materials.  
Certification/Maintenance Points Available

**TIME:** Check-in - 8:30 a.m.  
Program - 9:00 a.m. to 4:00 p.m.  
**DEADLINE:** Register by April 1, 2021  
Please register early!  
**CONTACT:** Steve Stopin - 586-498-4106 or  
stopins125@macomb.edu  
Inclément Weather Line  
586-445-7800 or [www.macomb.edu](http://www.macomb.edu)

## How to Register

### Industrial Robotic Safety

#### **Class Registration:**

- ▶ **Phone:** 586-498-4056
- ▶ **Email:** [mti@macomb.edu](mailto:mti@macomb.edu)
- ▶ **Mail to:** Donna Kotovich  
Macomb Community College  
East Campus  
21901 Dunham Road  
Clinton Township, MI 48036

#### **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:** \_\_\_\_\_

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

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.