

Human Factors Engineering

1 Who Should Attend . . .

This online seminar 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-TECSM 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.

3 What You'll Learn . . .

This program is designed to provide a basic understanding of human factors engineering, otherwise known as "ergonomics," and the implementation of a successful ergonomics program based on the National Institute of Safety and Health, Elements of Ergonomics Programs. Key terminology will be defined and the MIOSHA strategic plan initiative will be discussed. Common ergonomic disorders and primary risk factors will be identified. The course will describe how to build a case for implementing an ergonomics program and the important elements to include in a successful ergonomics program. Ergonomic risk factor identification will be emphasized through use of a videos and class activities. A variety of ergonomic resources and checklists will be used and provided to attendees. **Virtual classroom with an in-person instructor. This training format can be taken from the office, home, or remotely.**

Agenda

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

- ▶ Define "Ergonomics" and "Work Related Musculoskeletal Disorders (WMSDs)"
- ▶ Identify Risk Factors
- ▶ Provide Training for Management and Workers
- ▶ Collect Health and Medical Evidence
- ▶ Implement an Ergonomic Program
- ▶ Evaluate the Ergonomic Program

Required Class For
Occupational Health
Level Two
MTI Certificate

Facilitator

Rory Huddas joined MIOSHA in 2014 as an Industrial Hygienist in the General Industry Safety and Health Division. In that capacity, he conducted inspections at high-hazard industries, investigated workplace fatalities and reports of occupational illnesses, and responded to questions and concerns about occupational health issues.

In 2019, Rory was appointed to the position of Industrial Hygienist with MIOSHA's Consultation, Education and Training Division. In this position, he consults with and advises general industry employers, workgroups, and governmental agencies in the areas of occupational health hazards. He also conducts hazard surveys and delivers training seminars and workshops.

Prior to working for MIOSHA, Rory was an Environmental, Health and Safety Professional in the manufacturing industry. He has a Bachelor of Science Degree from Grand Valley State University in Occupational Safety and Health Management and was the President of the Student Body of the American Society of Safety Engineers (ASSE).



Rory Huddas
Industrial Hygienist,
MIOSHA, CET Division

Program Details

DATE: April 7, 2021

LOCATION: **Virtual**

This training format can be taken from the office, home, or remotely.

COST: \$130 Per Person.

Includes 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 March 31, 2021

Please register early!

CONTACT: For more information:

Kacey Lewis – 248-972-1133 or 248-972-1000

lewis@buildwithcam.com

Inclement Weather Line: 248-972-1000

COSPONSOR: Construction Association of Michigan (CAM)

How to Register

Human Factors Engineering

Five Easy Ways to Register . . .

► **Online:** <https://buildwithcam.com/camtec-classes/>
Select: MIOSHA Training Institute Classes
Choose: Human Factors Engineering

► **Phone:** 248-972-1133

► **Fax:** 248-972-1135

► **Email:** training@buildwithcam.com

► **Mail:** CAMTEC

Attn: Kacey Lewis
43636 Woodward Ave.
Bloomfield Hills, MI 48302

Please enclose check or money order
made payable to **CAMTEC**.

Complete Separate Registration Form For Each Attendee

Name: _____

Company Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email: _____ (Required for Registration)

Type of Credit Card: Company Personal

Credit Card #: _____

Billing Zip Code: _____ Exp. Date: _____

Credit Card 3 or 4 Digit Code: _____ (Back of Credit Card)

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.