

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

Aaron Gundrum is an Industrial Hygienist with the Consultation Education and Training Division of MIOSHA. Aaron currently provides consultation and training services for the Upper Peninsula and the northern lower counties of Michigan.

Over the past five years, Aaron was the Senior Safety Compliance Officer with the MIOSHA General Industry Division. Before working with the State of Michigan, he was the Corporate Health and Safety Director at a global paper manufacturing corporation. Aaron has worked in various health and safety roles within multiple business sectors over the past 25 years including; petrochemical, pharmaceutical, and automotive industries. Over the course of his career, he has been responsible for regulatory health and safety management, organizational health and safety training, and operational business excellence.

Aaron is a graduate of Michigan Technological University with a Bachelor's of Science degree in Environmental Engineering and a Master's of Science degree in Industrial Health from the University of Michigan.



Aaron Gundrum
Industrial Hygienist,
MIOSHA, CET Division

Program Details

DATE: September 30, 2021

LOCATION: **Virtual**

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

COST: \$110 per person (Builders Exchange Member)
\$130 per person (Non Member)
Includes course materials.

TIME: Check-in - 8:30 a.m.
Program - 9:00 a.m. to 4:00 p.m.

DEADLINE: Register by September 23, 2021
Please register early!

CONTACT: Kendra Balderach, 231-946-5531
kendra@bxtvc.com

Certification/Maintenance Points Available

COSPONSOR: Builders Exchange of Northwest Michigan

How to Register

Human Factors Engineering

Four Easy Ways to Register:

- ▶ **Phone:** 231-946-5531
- ▶ **Fax:** 231-947-5344
- ▶ **Email:** kendra@bxtvc.com
- ▶ **Mail:** Builders Exchange of NW Michigan
1373 Barlow Street, Suite 4
Traverse City, Michigan 49686
Attn: Kendra Balderach

Please make checks payable to:
Builders Exchange of NW MI

**Complete Separate Registration
Form For Each Attendee**

Name: _____
Company Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Email: _____
Credit Card: Mastercard Visa American Express
Credit Card #: _____ Exp. Date: _____
Credit Card Holder's Name: _____
Credit Card Holder's Verification Code: _____
Credit Card Holder's Zip Code: _____
Signature: _____

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.