



An Informative Full-day Virtual Instructor-led Seminar:

Human Factors Engineering

1 Who Should Attend . . .

This virtual instructor-led 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

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.

Instructor

Anthony Smykla joined the CET Division on November 20, 2017. Anthony serves as an Industrial Hygienist in the Training and Consultation Program in 21 Northern Lower Peninsula counties. He provides occupational health consultation and advice to business, industry, construction, unions, employee groups, schools, colleges, municipalities, counties, and state agencies.

Anthony comes from private industry as an employee of Bureau Veritas of North America working as Industrial Hygiene Manager with full responsibility for all of the Detroit Region's Industrial Hygiene Services of his firm. He was responsible for the coordination of industrial hygiene services for some of his firm's largest clientele.

Anthony holds a bachelor's degree in Biology and a master's degree in Industrial Hygiene and Toxicology. He also holds a Juris Doctorate in Law and is a licensed attorney.



Anthony Smykla
Industrial Hygienist,
MIOSHA, CET Division

Program Details

DATE: September 20, 2023

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: Sign-in: 8:45 a.m.

Program: 9:00 a.m. to 4:30 p.m.

DEADLINE: Register by September 13, 2023
Please register early!

CONTACT: Jeff Ratcliffe - 989-482-6817
jeff@kedabiz.com

COSPONSOR: Keweenaw Economic Development Alliance

How to Register

Human Factors Engineering

To Register and Pay By Credit Card

► **Phone:** 906-482-6817

► **Fax:** 906-482-5241

► **Mail:** Attention: Jeff Ratcliffe
Keweenaw Economic
Development Alliance
PO Box 724
Houghton, MI 49931

To Register Without Credit Card

► **Email:** jeff@kedabiz.com

Email: Complete registration without credit card number.
Will follow-up by phone.

Complete Separate Registration Form For Each Attendee

Name: _____
Company Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
Email: _____ *(Required for Registration)*
Credit Card Type: VISA MasterCard
Credit Card #: _____ Exp. Date: _____
Credit Card Holder's Name: _____
Signature: _____

Please Make Check or Money Order Made Payable to: **KEDA**

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.