



An Informative Full-day Seminar:

Human Factors Engineering

1 Who Should Attend . . .

This 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.

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.

Facilitator

Anthony Smykla joined the Consultation Education and Training 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:	May 1, 2024	TIME:	Check-in - 8:30 a.m. Program - 9:00 a.m. to 4:30 p.m.
LOCATION:	Alpena Community College World Center for Concrete Technology, 665 Johnson Street, Room 106 Alpena, Michigan 49707	DEADLINE:	Register by April 17, 2024 Please register early!
COST:	\$130 per person. Includes warm lunch and course materials. Certification/Maintenance Points Available	CONTACTS:	Dawn Stone, stonedawn@alpenacc.edu or Lisa Blumenthal, blumentl@alpenacc.edu Phones: 989-358-7293 or 989-358-7296 Inclement Weather Line: 989-358-7293

COSPONSOR: Alpena Community College

How to Register

Human Factors Engineering

Three Easy Ways to Register . . .

- ▶ **Phone:** 989-358-7293 or 989-358-7296
- ▶ **Email:** stonedawn@alpenacc.edu or blumentl@alpenacc.edu
- ▶ **Mail:** Dawn Stone or Lisa Blumenthal
Alpena Community College
Workforce Development
665 Johnson Street
Alpena, Michigan 49707

Please make check and money order payable to: **Alpena Community College**

**Complete Separate Registration Form
For Each Attendee**

Name: _____
Company Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____
Email: _____
Credit Card: AMX Master Card Visa Exp. Date: _____
Credit Card # _____
Credit Card Verification Code: _____ Credit Card Zip Code: _____
Print Credit Card Holder's Name: _____
Signature: _____

The meeting site and parking are 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.