



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-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 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

Jennifer Clark-Denson joined MIOSHA in September of 1998 where she spent time as a General Industry Safety Officer with responsibility for inspecting a wide variety of work operations to observe and identify potential violations of MIOSHA safety standards.

Then Jennifer served as a Senior Safety Consultant with CET (Consultation Education and Training) for twenty-five years, during which time she served on many MIOSHA work committees, authored fact sheets, championed and piloted several MTI classes and assisted in the mentoring of new MIOSHA personnel.

Currently, Jennifer serves as a CET industrial hygienist, responsible for providing occupational health services to Lenawee, Monroe, Wayne, and Washtenaw counties. She has both a bachelor's degree in Industrial and Environmental Health Management from Ferris State University, and a master's degree in Human Resource Management from Davenport University.



**Jennifer Clark-Denson**  
*Industrial Hygienist,  
MIOSHA, CET Division*

## Program Details

**DATE:** October 10, 2023  
**LOCATION:** Monroe County Community College  
La-Z-Boy Center, Bldg. Z Room Z-259  
1555 S. Raisinville Road  
Monroe, Michigan 48161  
**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 September 27, 2023  
Please register early!  
**CONTACT:** Barry Kinsey - 734-384-4124  
bkinsey@monroeccc.edu  
Sherry Bussell - 734-384-4229  
sbussell@monroeccc.edu

**Visit College Website for Weather Closure**  
[www.monroeccc.edu](http://www.monroeccc.edu)

**COSPONSOR: Monroe County Community College**

## How to Register

## Human Factors Engineering

### Three Easy Ways to Register:

- ▶ **Phone:** 734-384-4127
- ▶ **Email:** [workforce@mymonroeccc.edu](mailto:workforce@mymonroeccc.edu)
- ▶ **Mail:** Sherry Bussell  
Monroe County Community College  
1555 S. Raisinville Road  
Monroe, Michigan 48161

### Complete Separate Registration Form for Each Attendee

Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Home Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Birth Date: \_\_\_\_\_ (Needed for Registration)  
Email: \_\_\_\_\_ (Needed for Registration)

Please Make Check Payable to:  
**Monroe County Community College**

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.