



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

Jamie Green will serve as an Industrial Hygienist in the Consultation Education and Training Division. He has the responsibility to develop and conduct occupational health training seminars, workshops, and special programs; and providing field consultations and conducting hazard surveys in serving constituents in Arenac, Bay, Branch, Calhoun, Clare, Clinton, Eaton, Genesee, Gladwin, Gratiot, Hillsdale, Ingham, Isabella, Jackson, Livingston, Midland, Saginaw and Shiawassee counties.

Jamie came from SANDVIK, a West Branch manufacturing facility. He served that company for several years in the capacity of Safety, Health and Environmental Engineer and has extensive experience in the management and maintenance of the company's safety program, management of industrial hygiene programs, OSHA Regulations, and hazardous waste management. He has an impressive credential and resume, rich in the scope and work of an Industrial Hygienist. He has a Bachelor's of Science degree in Biology and is a Certified Safety Professional.



**Jamie Green**  
*Industrial Hygienist,*  
*MIOSHA, CET Division*

## Program Details

DATE:	June 1, 2023	TIME:	Check-in – 8:30 a.m. Program – 9:00 a.m. to 4:00 p.m.
LOCATION:	Kirtland Community College Workforce Development Lab, Room 1610 4800 W Four Mile Road Grayling, Michigan 49738	DEADLINE:	Register by May 29, 2023 Please register early!
COST:	\$130 per person. Includes lunch and course materials. Certification/Maintenance Points Available	CONTACT:	Kathleen Fox at 989-275-5000 Ext 313 or kathleen.fox@kirtland.edu

COSPONSOR: **Kirtland Community College**

## How to Register

## Human Factors Engineering

### Three Easy Ways to Register . . .

- ▶ **Online:** [www.kirtland.edu/workforce-development](http://www.kirtland.edu/workforce-development)
- ▶ **Email:** [kathleen.fox@kirtland.edu](mailto:kathleen.fox@kirtland.edu)
- ▶ **Mail:** Kathleen Fox  
Kirtland Community College  
Financial Services  
4800 W Four Mile Rd  
Grayling MI 49738

Please enclose check or money  
order made payable to  
Kirtland Community College

### Complete Separate Registration Form for Each Attendee

Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_ (Needed for Registration)  
Birthdate: \_\_\_\_\_ (Needed for Registration)  
 Master Card  Visa Card Holder's Name: \_\_\_\_\_  
Credit Card #: \_\_\_\_\_ CVV: \_\_\_\_\_ Exp. Date: \_\_\_\_\_  
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.