

# Minnesota State University Moorhead

## OM 393: Occupational Safety and Health

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Designed for students to develop an understanding of basic occupational safety and health terminology, principles, and practices. Course content covers both industrial and construction settings and reflects current occupational standards. Students will be exposed to the development of a safety program and will do a safety site visit off-campus.

**B. COURSE EFFECTIVE DATES:** 02/27/2014 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. 27 Hazard Analysis/Prevention and Safety Management
2. Hazardous Waste Operations and Emergency Response
3. The OSH Act, Standards and Liability, Workers Compensation
4. Recordkeeping
5. Accidents and their Effects, Theories of Causation, Fire Hazards and Life Safety
6. Fire Protection
7. Accident Investigation, Product Safety and Liability and Industrial Hygiene and Confined Spaces
8. Stress and Safety and Workplace Violence
9. Walking-Working Surfaces
10. Machine Safeguarding, Fall, Impact and Acceleration Hazards, Hazards of Temperature Extremes
11. Machinery and Machine Safeguarding
12. Bloodborne pathogens, Preparing for Emergencies and Terrorism and Ethics
13. OSHA Regulation: Electrical Hazards, Noise and Vibration Hazards
14. Occupational Noise Exposure and Electrical Safety

### D. LEARNING OUTCOMES (General)

1. Explain Occupational Safety and Health regulations.
2. Evaluate the safety management techniques of a company, with an emphasis on hazard recognition, control and mitigation.
3. Support the business case for safety management.

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted