

OSHT 1301: Fundamentals of Safety and Health

Course Syllabus

(3-0)

Course Description: An introduction to the basic concepts of safety and health. As an introductory course it is designed to provide the student with the basic safety elements that are applicable to almost any industry. As an introductory course, the information presented is general in nature and does not introduce the student to finite details in every chapter.

Students **MUST** actively participate by completing an academic assignment required by the instructor by the official census date. Students who do not actively participate in an academically-related activity will be reported as never attended and dropped from the course.

Learning Objectives: End of Course Outcomes: Demonstrate the overall intent and proper safety procedures in a variety of different industry settings.

Required Materials/Information: This is a hybrid class and as a student you will need the following:

1. Access to a computer with internet service
2. Current active MC e-mail account
3. **Textbooks are not required.** All material for this course can be found on-line.
4. Students are required to attend a mandatory class within the first 10 days after the class begins. The instructor will notify all students as to the date (s) that the class is scheduled. Please note that anyone unable to attend the mandatory classes must make arrangements with the instructor to attend a meeting at some other time during the first ten days of the course.
5. Administrative Information:
 - Pete Avalos—Dean of Applied Technology
 - Office: Marie Hall Academic Building Room 176 (Main Campus)
 - Office Phone: (432) 685-4676 or (432) 685-4664
6. Office Hours: Monday-Thursday: 8:00am-5:00pm
Fridays: 8:00am-12:00pm

Course Written Assignments and Exams:

This course is divided into four (4) different sections. Each section will include two quizzes and a final quiz which covers all content. ***Written assignments are subject to change for flex, interim, or summer classes. Details will be provided by the instructor on the first class meeting.**

Written Exams

Written assignments will be written in APA format and **WILL NOT include an abstract**. All other elements of APA formatting are required such as cover page, reference page, and in text citations. Grade rubric and minimum assignments requirements will be provided by the instructor.

Papers will be submitted via TurnItIn online in Canvas ONLY.

Course Introduction:

The material presented in this course is provided from several different sources. The Occupational Safety & Health Administration (OSHA) has provided a considerable amount of information on material presented in every chapter of the online text. Public domain material is included in the websites used for this course. Due to the various sources of information contributed, the required chapters may not be uniform as to presentation styles and/or substance.

Course Overview: Safety and health programs help employers comply with government regulations while protecting employees from job-related injuries and illnesses. Increasingly, employers are realizing that a good safety and health program provides other benefits. It can save money, improve productivity and efficiency, and bolster the organization's reputation in area where it does business.

Safety saves employer's money by reducing:

- Worker's compensation claims and premiums
- Time lost from work as a result of accidents and injuries
- Supervisory and management time reporting, investigations and responding to accidents
- Fines for failing to comply with OSHA and other safety regulations
- Legal costs resulting from spills, fires, and other accidents.

More and more employers are also discovering that a good safety and health program can make workplaces and workers more productive and efficient.

When safety rules are followed, there is less need to:

- Repair, redo, and reorder as a result of accident-related damage to equipment, materials and products or
- Reallocate and retrain workers to fill in for those who experience job-related injuries or illnesses.

<u>Evaluation of Students:</u>	Quizzes/classroom work	70%
	Essays	15%
	Final Exam	<u>15%</u>
	Total	100%
	90 and above	A
	80-89	B
	70-79	C
	60-69	D
	59 and below	F

Course Content:

Section 1:

Chapter One: Personnel Protective Equipment (PPE)

Chapter Two – Slips, Trips, and Falls

Chapter Three – Fall Protection/Ladder Safety

Chapter Four – Back Safety

Chapter Five – First Aid

Section 2:

Chapter Six – Hand and Power Tools

Chapter Seven – Forklift Safety

Chapter Eight – Fire Prevention/Fire Extinguishers

Section 3:

Chapter Nine – Flammable and Combustible Liquids

Chapter Ten – Confined Space Hazards and Entry

Chapter Eleven – Lock/Out – Tag/Out (LOTO)

Section 4:

Chapter Twelve – Hazardous Communications (HAZCOM)

Chapter Thirteen – General Electrical Safety

Chapter Fourteen – General Welding Safety

Americans with Disabilities Act (ADA)

Any student who, because of a disabling condition, may require some special arrangements to meet course requirements should contact disabilities support services as soon as possible at: [Accommodation Services](#). Conditions may include documented physical or educational disabilities. Please be aware that services or accommodations are not automatic. Each student must request them and secure the proper authorizations/documentation. Accessibility Links can be found on the Pages tab in Canvas.

Midland College Non-Discriminatory Statement:

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Syllabus subject to change as deemed necessary by the instructor to ensure learning objectives and course goals are met