

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 an 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:
 - Curt Pervier—Dean of Applied Technology
 - Technology Center/Advance Technology Center

Division Secretary:

- Name: Lisa Tanner
 - Office: Technology Center
 - Office Phone: (432) 685-4676
- Fax: (432) 685-6472

Division Secretary:

- Name: Helen Arrieta
 - Office: Technology Center
 - Office Phone: (432) 685-4664
- Fax: (432) 685-6472

6. Office Hours: TBA

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.

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

Non-Discrimination Statement

Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individual has been designated to handle inquiries regarding the non-discrimination policies:

Tana Baker

Title IX Coordinator/Compliance Officer

3600 N. Garfield, SSC 131

Midland, Texas 79705

(432) 685-4781

tbaker@midland.edu

For further information on notice of non-discrimination, visit the ED.gov Office of Civil Rights website, or call 1 (800) 421-3481.

Americans with Disabilities Act (ADA) Statement:

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must visit www.midland.edu/accommodation and complete the Application for Accommodation Services located under the Apply for Accommodations tab. Services or accommodations are not automatic, each student must apply and be approved to receive them. All documentation submitted will be reviewed and a “Notice of Accommodations” letter will be sent to instructors outlining any reasonable accommodations.