

Course Syllabus

Department : Occupational Safety & Health Technology

Course Title : OSH 2401 OSHA Regulations/General Industry

Fa/ 2012 WB1

Start Date : 08/27/12

End Date : 10/19/12

Modality : Web based

Credits : 4

Instructor Information

Name: Marilyn Jones

Email: mjones@odessa.edu

Office Location: ET room 202
Odessa College
201 West University Avenue
Odessa, TX 79764
Office Phone # 432-335-6886

Course Catalog Description:

A study of Occupational Safety and Health Administration (OSHA) regulations pertinent to general industry. Designed for industrial, manufacturing and technical workers where state/federal regulations require industrial safety training. Course competencies meet 29 CFR 1910 and 1926. Course competencies meet hazard communication, lock-out/tag-out, emergency action, confined space entry and other industry related subjects. Major emphasis will be placed on written programs, training requirements and implementation of the programs to withstand OSHA inspection and civil litigation. Students will be required to exhibit problem-solving, self management and communications skills while working within a safety environmental team. Within this team environment, students will be responsible for effective allocation of resources and group monitoring of team decisions.

Course Objectives:

- ***Course Objectives:***

Students learn to anticipate, recognize, evaluate and control environmental factors or stresses arising in or from the work place. Students will prepare written

reports and recommend actions as a team effort on the results of their findings from workplace sampling.

Learning Outcomes:

To anticipate, identify and evaluate hazardous conditions and practices. Several skills and activities are required to identify hazardous conditions. Typical functions may include facility and equipment inspections, accident investigations analysis of individual tasks, studying building layouts and interviewing people exposed to hazards. Therefore, a sound education in hazard analysis and knowledge of legal requirements and government regulations is especially valuable.

Prerequisites/Co requisites

None.

Scans

4, 5, 6, 7, 8, 9, 10, 11

Required Readings/Materials

Web Access

- requirements and government regulations is especially valuable.

Required Materials and Skills:

Knowledge of surfing the web and of blackboard. Access to a computer with internet and e-mail access. No text book is needed for this class

Web sites (Other websites may be included in individual assignments)

www.osha.gov

www.dol.gov

www.epa.gov

www.msha.gov

www.cdc.gov

www.cpsc.gov

C o u r s e	Lectures and Assignments
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Requirements (Lectures, Assignments and Assessments)

Item(Name)	Type	Description	
Assignment #1	Discussion	Why do you think safety is important?	
Item(Name)	Type	Description	
Assignment #2	Outside Research	Rational for the OSH Act	-
		OSHA's mission & purpose	
	Discussion	Definitions	
Item(Name)	Type	Description	
Assignment #3	Outside Research	Employee rights and responsibilities	
		Other federal agencies and organizations	
	Discussion	Other OSHA standard in 29 CFR	
	Exam	Written	
Item(Name)	Type	Description	
Assignment #4	Outside Research	Workers compensation	
	Discussion	Answer Questions	
	Participation	Workers Compensation	
Item(Name)	Type	Description	
Assignment #5	Outside Research	Ergonomic Hazards	
	Power point		
	Discussion	Summarize power point	
	Type	Description	

Item(Name)				
Assignment #6	Outside Research	Website		TBA
	Written	Answer questions		
	Discussion	Website		
	Exam	Written		
Item(Name)	Type	Description		D
Assignment #7	Outside Research	Falling, impact, objects, and lifting		TB
	Discussion	Website information		
Item(Name)	Type	Description		Du
Assignment #8	Outside Research	Temperature extremes		TBA
	Discussion	Temperature protection		
Item(Name)	Type	Description		Du
Assignment #9	Outside Research	Pressure Hazards		TBA
	Discussion	website information		
Item(Name)	Type	Description		Du
Assignment #10	Outside Research	Electrical Standard		TBA
	Discussion	NEC Basic classes		
Item(Name)	Type	Description		D
Assignment #11	Outside Research	Fire Hazards & Life Safety		TBA
	Definitions	Classifications of fire		
Item(Name)	Type	Description		D
Assignment #12	Outside Research	Industrial Hygiene		TBA
		Definitions		
		Evaluation of Power point		
	Type	Description		n

Item(Name)				
Assignment #13	Outside Research	Noise & Vibration Hazards		TB/
	Discussion	NIOSH websites		
Item(Name)	Type	Description		Due
Assignment #14	Exam	Written		
Item(Name)	Type	Description		Due
Assignment #15	Essay	Written		
Item(Name)	Type	Description		Due
Assignment #16	Exam	Written		

Grading Policy

You will be evaluated by the thoroughness of the contents of the assignment

The discussions and assignments will count 90% of your grade

On time assignments will count 10% of your grade.

Special Needs

Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss your concerns. You may also call the Office of Disability services at 432-335-6861 to request assistance and accommodations.

Learning Resource Center (Library)

The Library, known as the Learning Resources Center, provides research assistance via the [LRC's catalog \(print books, videos, e-books\)](#) and [databases \(journal and magazine articles\)](#). [Research guides](#) covering specific subject areas, [tutorials](#), and the "[Ask a Librarian](#)" service provide additional help.

Student E-mail

Please access your [Odessa College Student E-mail](#), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All assignments or correspondence will be submitted using your Odessa College email.**

Technical Support

For Blackboard username and password help and for help accessing your online course availability and student email account contact the Student Success Center at 432-335-6878 or online at https://www.odessa.edu/dept/ssc/helpdesk_form.htm.

Important School Policies

For information regarding student support services, academic dishonesty, disciplinary actions, special accommodations, or student's and instructors' right to academic freedom can be found in the [Odessa College Student Handbook](#).

Expectations for Engagement – Face to Face Learning

To help make the learning experience fulfilling and rewarding, the following Expectations for Engagement provide the parameters for reasonable engagement between students and instructors for the learning environment. Students and instructors are welcome to exceed these requirements.

Reasonable Expectations of Engagement for Instructors

1. *As an instructor, I understand the importance of clear, timely communication with my students. In order to maintain sufficient communication, I will*
 - *provided my contact information at the beginning of the syllabus;*
 - *respond to all messages in a timely manner through telephone, email, or next classroom contact; and,*

- *notify students of any extended times that I will be unavailable and provide them with alternative contact information (for me or for my supervisor) in case of emergencies during the time I'm unavailable.*
2. *As an instructor, I understand that my students will work to the best of their abilities to fulfill the course requirements. In order to help them in this area, I will*
 - *provide clear information about grading policies and assignment requirements in the course syllabus, and*
 - *communicate any changes to assignments and/or to the course calendar to students as quickly as possible.*
 3. *As an instructor, I understand that I need to provide regular, timely feedback to students about their performance in the course. To keep students informed about their progress, I will*
 - *return classroom activities and homework within one week of the due date and*
 - *provide grades for major assignments within 2 weeks of the due date or at least 3 days before the next major assignment is due, whichever comes first.*

Reasonable Expectations of Engagement for Students

1. *As a student, I understand that I am responsible for keeping up with the course. To help with this, I will*
 - *attend the course regularly and line up alternative transportation in case my primary means of transportation is unavailable;*
 - *recognize that the college provides free wi-fi, computer labs, and library resources during regular campus hours to help me with completing my assignments; and,*
 - *understand that my instructor does not have to accept my technical issues as a legitimate reason for late or missing work if my personal computer equipment or internet service is unreliable.*

2. *As a student, I understand that it is my responsibility to communicate quickly with the instructor any issue or emergency that will impact my involvement with or performance in the class. This includes, but is not limited to,*
 - *missing class when a major test is planned or a major assignment is due;*
 - *having trouble submitting assignments;*
 - *dealing with a traumatic personal event; and,*
 - *having my work or childcare schedule changed so that my classroom attendance is affected.*

3. *As a student, I understand that it is my responsibility to understand course material and requirements and to keep up with the course calendar. While my instructor is available for help and clarification, I will*
 - *seek out help from my instructor and/or from tutors;*
 - *ask questions if I don't understand; and,*
 - *attend class regularly to keep up with assignments and announcements.*