

# Course Syllabus

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**Department** : Occupational Safety & Health Technology  
**Course Title** : OSH 2401 OSHA Regulations/General Industry  
**Section Name** : 1ST  
**Start Date** : January 18, 2011  
**End Date** : March 11, 2011  
**Modality** : Classroom  
**Credits** : 4

## Instructor Information

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**Name:** Marilyn Jones

**Email:** [mjones@odessa.edu](mailto:mjones@odessa.edu)

**Office Location:** ET 142  
Odessa College  
201 West University Avenue  
Odessa, TX 79764

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### ***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

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None.

## Scans

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

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## 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](http://www.osha.gov)

[www.dol.gov](http://www.dol.gov)

[www.epa.gov](http://www.epa.gov)

[www.msha.gov](http://www.msha.gov)

[www.cdc.gov](http://www.cdc.gov)

[www.cpsc.gov](http://www.cpsc.gov)

( Lectures and Assignments

Item(Name)	Type	Description	Due
Assignment #1	Discussion	<i>Why do you think safety is important?</i>	09-03-2010

  

Item(Name)	Type	Description	Due
Assignment #2	Outside Research	Rational for the OSH Act	-
		OSHA's mission & purpose	
	Discussion	Definitions	

  

Item(Name)	Type	Description	Due
Assignment #3	Outside Research	Employee rights and responsibilities	TBA
		Other federal agencies and organizations	
	Discussion	Other OSHA standard in 29 CFR	
	Exam	Written	

  

Item(Name)	Type	Description	Due
Assignment #4	Outside Research	Workers compensation	TBA
	Discussion	Answer Questions	
	Participation	Workers Compensation	

  

Item(Name)	Type	Description	Due
Assignment #5	Outside Research	Ergonomic Hazards	TBA
	Power point		

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

		Evaluation of Power point	
Item(Name)	Type	Description	Due
Assignment #13	Outside Research	Noise & Vibration Hazards	TBA
	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	

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### 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

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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)**

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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**

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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.**

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### **Technical Support**

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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](https://www.odessa.edu/dept/ssc/helpdesk_form.htm).

### **Important School Policies**

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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](#).