

Course Syllabus

Department : Occupational Safety and Health Technology

NOTE: This syllabus is subject to change during the semester. Please check this syllabus on a regular basis for any updates.

Department : Occupational Safety and Health Technology

Course Title : Accident Prevention, Inspection, and Investigation

Section Name : 1313._1WB

Start Date : 01/18/2011

End Date : 03/11/2011

Modality : ONLINE

Credits : 3

Instructor Information

Name: Marilyn Jones

OC Email: mjones@odessa.edu

OC Phone #: 432/335/6886

Course Description

Course Catalog Description:

Principles and practices providing a basis for understanding the nature of occupational hazard recognition, accident prevention, loss reduction, inspection techniques, and accident investigation analysis. Competencies include safety and health considerations in the workplace. Students will be required to exhibit problem-solving, self management and communication skills while working within a safety and health group. Within this group, students will be responsible for effective allocation of resources and group monitoring of team decisions

Course Objectives:

The student will recognize common occupational hazards; list Occupational Safety and Health Administration (OSHA) standards and other applicable codes and describe their applications; describe the components of an effective accident investigation; analyze factors which contributed to accidents and recommend appropriate changes to prevent further accidents; and explain the components of an effective safety inspection and make appropriate recommendations to correct hazards identified by the inspection. The student will read accident forms, evaluate and recognize accident causes, effects and safeguards.

Prerequisites/Co requisites

None.

Scans

1, 4, 5, 6, 9, 10, 11

Required Readings/Materials

Web Access

Textbook: *Accident Investigation Techniques*: Author Jeffrey S. Oakley. Published by the American Society of Safety Engineers. ISBN: 1-885581-47-5

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

Course Requirements (Lectures, Assignments and Assessments)

ASSIGNMENTS ARE IN FOUR MODULES WITH WEEKS 1 AND 2 DUE THE END OF WEEK TWO.

WEEKS 3 AND 4 DUE THE END OF WEEK FOUR.

WEEKS 5 AND 6 DUE THE END OF WEEK SIX.

WEEKS 7 AND 8 DUE IN MY OFFICE ON WEDNESDAY OF THE 8TH WEEK.

WEEK 1

Item(Name)	Type	Description	Due
Assignment 1	Read	Chapter 1	<i>TBA</i>
	Written	<i>Answer questions</i>	
	Read	Chapter 2	
	Written	Answer questions	

Week 2

Item(Name)	Type	Description	Due
Assignment #2	Read	Chapter 3	TBA
	Written	<i>Answer questions</i>	
	Read	Chapter 4	
		Answer questions	

Week 3

Item(Name)	Type	Description	Due
Assignment #3	Read	Chapter 5	TBA
	Written	<i>Answer questions</i>	

	Read	Chapter 6	
	Written	Answer questions	

Week 4

Item(Name)	Type	Description	Due
Assignment #4	Read	Chapter 7	TBA
	Written	<i>Answer questions</i>	
	Read	Chapter 8	
	Written	Answer questions	

Week 5

Item(Name)	Type	Description	Due
Assignment #5	Read	Chapter 9	TBA
	Written	<i>Answer questions</i>	
	Read	Chapter 10	

Week 6

Item(Name)	Type	Description	Due
Assignment #6	Read	Chapter 10	TBA
	Written	<i>Answer questions</i>	

	Read	Chapter 11	
	Written	Answer questions	

Week 7

Item(Name)	Type	Description	Due
Assignment #7	Exam	Technical Accident Report, 10 pages	Week 8

Week 8

Item(Name)	Type	Description	Due
Assignment #8	Final Exam	<i>Technical Accident Report</i>	Must be in my office by Wednesday of the 8th week.

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 students and instructors' right to academic freedom can be found in the [Odessa College Student Handbook](#).