

Course Syllabus

Department : Occupational Safety & Health Technology

• **Course Title** :
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Title: PRINCIPLES OF INDUSTRIAL HYGIENE INDUSTRY EPCT 1341

Course Dates: Jan. 18- March 11, 2011

Course Credits: 3 hours

Location: Web

Section Name : 1WB

Start Date : January 18, 2011

End Date : March 11, 2011

Modality : Online

Credits : 3

Instructor Information

Name: MARILYN JONES

E-Mail: mjones@odessa.edu

Office Location: Electronic Technology Building

Phone Number: 432-352-4544

Office Hours: Monday – Friday
9-10 AM and 10:30 - Noon

Course Catalog Description:

Basic concepts in threshold limits, dose response and general recognition of occupational hazards, including sampling statistics

Course Objectives:

Course Overview To understand the roll of the Industrial Hygienist

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 skill 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

1, 2, 5, 7, 8, 9, 10

Required Readings/Materials

Web Access 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

Computer Skills: Knowledge of how to surf the web. Knowledge of blackboard learning

Course Requirements (Lectures, Assignments and Assessments)

Test 1 and Assignments 2 – 4 are due at the end of the second week.

Assignments 5-8 are due at the end of the fourth week.

Assignments 9-12 are due at the end of the sixth week.

The final is due on Wednesday of the eighth week.

Item(Name)	Type	Description	Due*
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Assign. 1 Telling about yourself	paper	Paper about yourself	TBA
Assign. 2 Why IH has a ethic code	research paper	Pro's and Con's on IH ethic code	TBA
Assign. 3 Different ways to contaminate the lungs	research	Paper on ways to contaminate the lungs and how to prevent this.	TBA
Assign. 4 Skin	research	Paper on one of the diseases of the skin and how to prevent it.	TBA
Assign. 5 Hearing	research	Paper on how we hear.	TBA
Assign. 6 Eyes	research	Paper on how the eye works.	TBA
Assign. 7 Routes of entry to the body	research	Paper on the 4 routes of entry for a chemical to enter the body.	TBA
Assign 8 Sampling	research	Paper on 2 different types of sampling.	TBA
Assign. 9 Toxicology	research	Paper on the effects of toxicology.	TBA
Assign. 10 Radiation	research	Paper on the different types of radiation and how you test for radiation.	TBA
Assign. 11 Biological Hazards	research	Paper on 2 biological hazards in your area.	TBA
Assign. 12 Workplace	research	Paper on a hazard at your workplace.	TBA
Final	research, presentation, paper	TBA	TBA

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](#).