

**Department : Occupational Safety & Health Technology**

**• Course Title :**

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

**Course Dates:** Aug. 27 - Oct. 19, 2012

**Course Credits:** 3 hours

**Location:** Web

**Section Name : 1WB**

**Start Date : Aug. 27, 2012**

**End Date : Oct. 19,,2012**

**Modality : Online**

**Credits : 3**

## **Instructor Information**

**Name:** MARILYN JONES

**E-Mail:** [mjones@odessa.edu](mailto:mjones@odessa.edu)

**Office Location:** Electronic Technology Building

**Phone Number:** 432-352-4544

**Office Hours:** Monday –Thursday  
9AM to 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*
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 entry 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](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](#).

### ***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.*