



EPCT 1344

Environmental Sampling

Instructor information

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(432) 349-4022 (this is my cell phone;
so please, no calls before 9am or after
9pm.



Course Information

Course

Title: Environmental Sampling and Analysis
Course Dates: August 27, 2012 – October 19, 2012
Course Credits: 3 credits
Prerequisites – None

Course Description

Sampling protocol, procedures, quality control, preservation, technology and field analysis. Emphasis on analysis commonly performed by field technician. Competencies include performing and interpreting basic theories, functions, application and analysis of those instruments used in air, water and soil monitoring. The student will be able to prepare a report on the impurities and pollutants in the environment.

Course Objectives:

Understand how to operate survey instruments which detect organic and inorganic vapors and gases, oxygen deficient and limitations, calibration and trouble shooting

ICO 1,2,3,6

Prerequisites and Basic Skills: You should not attempt to take this course online unless you are very comfortable using a computer. You are expected to have the following basic computer skills: website navigation, word processing, send/received/save emails, organize/backup computer files, view online videos/tutorials, download software, cut and paste between a word processor and email program, change subject/title of email message, compose/reply to email messages in complete sentences.

Successful Online Learner: The following statement describes certain attributes of the most successful online learners as taken from an online education workshop attended by some members of our department "The successful online student can work fairly well independently, engaging the course materials with minimal intervention on the part of the instructor. The student who needs significantly more input from the instructor and is not willing or able to engage in collaborative discussions and activities with peers is less likely to succeed online."

Email Information for non-assignments: For general email questions or comments please use the following format:

Title your email with the following in the subject area: EPCT 1344 – brief description of message.

Always include your name in body of the email message. I won't recognize you by your email address. **If your name is not in the message it will be returned to you unanswered.**

Importance of Email Rules: Why does OC require you to use the student email account instead of your regular email account? One reason is that messages from companies such as Yahoo, Google, AOL, and others commonly end up getting filtered out and placed in a junk folder. Also, using the OC email helps to protect the faculty from receiving email which contains viruses, Trojan horses, worms, etc. that may damage our computers. The IT department has access to both student and faculty email accounts and not to your regular email account, so they can aid students in the event of a problem. While this policy may seem inconvenient to you it is in place for your protection and ours.

I know the email rules may seem cumbersome to you at first, but keep in mind that I have multiple students in my various courses at any given time. If half of the students send me a message missing a name, title, course, or some other basic information, I would either have to look up the information or send an email asking for clarification. This would require many unnecessary hours of extra emailing, just to get basic information that should have been included in the header or subject area. I'm not sure about you, but I don't have an extra couple of hours in my day. **It is for this reason that received email messages that do not follow the email rules will be returned to you unanswered with an explanation of what needs to be added.**

Dropping the Course: If you consider dropping this course, please discuss your reasons with me prior to withdrawing from the course. Students who began their college experience as freshman in the Fall 2007 or later can only withdraw from 6 classes in their entire undergraduate college career.

Review of Online Exams: Unfortunately, there is no way for me to make the exams available to online students for review. Due to the way BlackBoard features operate, doing so would compromise the integrity of the tests in this course.

Course Schedule:

Required Readings/Materials:

EPCT 1344: Required: **SITE CHARACTERIZATION Sampling and Analysis** Publisher John Wiley & Sons, Inc. ISBN: 0-471-29270-2. Textbook may be purchased through the Odessa College Bookstore by contacting ocbookstore@textbook.com or at www.amazon.com.

Course Requirements (Lectures, Assignments and Assessments)

Module Information:

Module 1-Site Investigation: Due Date TBA

SITE- CHARACTERIZATION-Sampling and Analysis: Chapter 1

SITE- CHARACTERIZATION-Sampling and Analysis: Chapter 2

SITE- CHARACTERIZATION-Sampling and Analysis: Chapter 3

Module 2-Sampling Soils and Sediments: Due Date TBA

SITE CHARACTERIZATION-Sampling and Analysis: Chapter 4

SITE CHARACTERIZATION-Sampling and Analysis: Chapter 5

Module 3 -Sampling Water: Due Date TBA

SITE CHARACTERIZATION-Sampling and Analysis: Chapter 6

Module 4 -Sampling Drums and Containers : Due Date TBA

SITE CHARACTERIZATION-Sampling and Analysis: Chapter 7 –Watch the power point program covering the OSHA hazwoper Standard 29 CFR 1910.120 Summarize the nine programs.

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Grading Policy

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

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.

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](#).

The Odessa College Student Success Coaches will help you stay focused and on track to complete your educational goals. If an instructor sees that you might need additional help or success coaching, he or she may submit a Retention Alert or a Starfish Alert. A Student Success Coach will contact you to work toward a solution.

Expectations for Engagement – Online Learning

To help make the web-based learning experience fulfilling and rewarding, the following Expectations for Engagement provide the parameters for reasonable engagement between students and instructors for the online 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 within 24 hours if received Monday through Thursday and within 48 hours if received Friday through Sunday; 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
 - post grades for discussion postings within one week of the discussion thread closing.
 - 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
 - line up alternative computer and internet access in case my primary computer crashes or my internet services is unavailable;
 - recognize that the college provides free wi-fi and computer labs during regular campus hours to help me with accessing my course; and,
 - understand that my instructor does not have to accept my technical issues as a legitimate reason for late or missing work if my equipment or 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
 - getting "kicked off" of the system during tests or quizzes;
 - having trouble submitting assignments; and
 - dealing with a traumatic personal event.

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,
 - access my course several times during the week to keep up with assignments and announcements.