

FALL 2018 ANALYTICAL CHEMISTRY
CHEM 3310 - 11466

Instructor: Wen-Yee Lee, Ph.D.

Office: CCSB 2.0110 Email: wylee@utep.edu

Office hours: Tuesday and Thursday 12:00 PM – 1:00 PM

Co-requisite: Laboratory CHEM 3110 (Lab Materials are posted on Blackboard.)

Textbook: Quantitative Chemical Analysis, by Daniel Harris, 9th Edition, ISBN-13: 978-1-4641-3538-5

Objectives: This course is to provide a sound understanding of the principles of analytical chemistry, and to show how these principles can be applied in chemistry and related disciplines such as life sciences and environmental science. Specific objectives are:

- To gain knowledge of safe and proper laboratory practice
- To be familiar with traditional analytical techniques
- To understand the chemistry that deals with the separation, identification and determination of components in a sample
- To develop the skill of statistical analysis of the data
- To be able to connect analytical chemistry with your course work as well as your daily life

Evaluation:

- | | |
|-------------------------------|------|
| a) In-class presentation | 5 % |
| b) Quizzes (in class) | 25 % |
| c) Exams | 40 % |
| d) Final Exam (Comprehensive) | 30 % |

Grade Breakdown:	100	-----	88	-----	78	-----	68	-----	55	-----	0
			A		B		C		D		F

- a) In-class presentation – You will be presenting a topic relating to “Analytical chemistry in the news”. The presentation should be no longer than 5 mins, with 5 slides maximum.
- b) Quizzes (in class) - There will be pop quizzes given in class.
- c) Exams – Two exams will be given during the semester. See the calendar for the dates of the exam.
- d) Final Exam (Comprehensive) – The exam contains ALL materials covered in class during the semester.

What do I expect from you?

- Ask questions when you do not understand the contents of my teaching or the materials.
- Bring the textbook, a calculator and a Periodic Table to every class and exam.
- Check out the Blackboard site of this class for any announcement or assignment.
- Do your best so you will be proud of the effort you have put into the course.

What can you expect from me?

- Every lecture will be prepared so that you will not waste your time, \$, and energy for taking this class.
- Help will be available to help you learn the materials.
- Grading will be fair. **I DO NOT “CURVE”**. So, please don't ask me again.
- I will be challenging and ready to be challenged.

Others:

- **Make-up exams will not be given unless aforementioned arrangement is made with the instructor.** Please consider carefully the repercussions of making other commitments that coincide with exam days. Official documents are required for any exam rearrangement.
- Cell phones must be turned off or silenced during the class. Students who fail to comply with this policy will be asked to leave the classroom.
- The syllabus is subject to change. However, any changes to this syllabus and the course will be announced in class and posted online. You are solely responsible for getting the most updated information regarding to the class.

Academic honesty:

Materials (written or otherwise) submitted to fulfill academic requirements must represent a student's own efforts. Any act of academic dishonesty attempted by a UTEP student is unacceptable and will not be tolerated. Academic dishonesty is prohibited and is considered a violation of the UTEP Handbook of Operating Procedures. It includes, but is not limited to, cheating, plagiarism, and collusion. Violations will be taken seriously and will be referred to the Dean of Students Office for possible disciplinary action.

Students with Disabilities:

Student with a disability can contact **Disabled Student Services** to take exams with appropriate accommodations. The office is located in Room 106 Union East Building and can be contacted at (915) 747-5148 Voice/TTY, (915) 747-8712 Fax or at dss@utep.edu. If you have or believe you have a disability, you may do so by providing documentation to the Office of disabled Student Services.

Course Withdrawal Policy

Classes dropped prior to the official census date (**9/12**) will be deleted from the student's semester record. After this date, the University permits any student to drop with an automatic “W” by the course dropping deadline (**11/2**). After this date students who withdraw must receive grades of “F”.

Calendar: The content is tentative and subject to change.

Week		Tuesday	Thursday	Note
1.	08/27-31	08/28 Introduction/ Chapter 0	08/30 Chapter 0	
2.	09/03-07	09/04 Chapter 1	09/06 Chapter 2	
3.	09/10-14	09/11 Chapter 3	09/13 Chapter 3	09/12 Census Day
4.	09/17-21	09/18 Chapter 4	09/20 Chapter 4	
5.	09/24-28	09/25 Chapter 4	09/27 Chapter 4	
6.	10/01-05	10/02 Exam 1	10/04 Chapter 5	
7.	10/08-12	10/09 Chapter 5	10/11 Chapter 5	
8.	10/15-19	10/16 Chapter 6	10/18 Chapter 6	
9.	10/22-26	10/23 Chapter 6	10/25 Chapter 7	
10.	10/29- 11/2	10/30 Chapter 7	11/01 Chapter 7	11/2 Deadline Drop/ Withdrawal
11.	11/05-09	11/06 Chapter 8	11/08 Chapter 8	
12.	11/12-16	11/13 Chapter 8	11/15 Exam 2	
13.	11/19-23	11/20 Chapter 9	11/22 Thanksgiving, No Class	11/22-23 Thanksgiving Holiday
14.	11/26-30	11/27 Chapter 9	11/29 Chapter 9	
15.	12/03-07	12/04 Chapter 10	12/06 Chapter 10	12/6 Las day of classes
16.	12/10 - 14	Comprehensive Final Exam Thursday, Dec 13th, 10:00 am – 12:45 pm		