The University of Texas at El Paso

Syllabus Introductory Chemistry 1107

Fall 2020

Virtual Lecture via Blackboard Ultra Collaborate on TR: 5:30 – 4:40pm

Chemistry 1107: Introduction to Chemistry Laboratory (ONLINE)
Thursday: Section: 18853 (T.A: Li) & Section: 18851 online (T.A: Habib)

I. Course Number and Instructor Information
Professor’s Name: Dr. Jawad Mahmoud
jmahmoud@utep.edu via Blackboard
Phone: (915) 747-7574
Office: PSCI 203 A

Office Hours: Virtual via Blackboard Collaborate: T & R: 4:45 – 5:30 pm

II. Text and Materials

A. No Lab Manual is Required:

B. Z87.1 Safety Goggle (only for Direct face-to-face Lab)

C. Lab coat only for direct face-to-face Lab.

D. Scientific calculator. (TI-30Xa)

III. Course Requirements

A. A student who accumulates more than three B.b Ultra laboratory Absences, will fail the Lab.

B. Evaluation:

Lab Quizzes & attendance& Attendance ..........................60 %,
Mid-exam..............................................................................20 %,
Final Exam ...........................................................................20 %

C. Lab Quizzes and attending via virtual B.b Ultra Lectures

- Make up lab Quiz not an option.
- There are no make-up sessions for laboratory exams
- Lab Quizzes as Lab Reports & will count only if you attended the lab and will post on B.b under “Assessments”

D. TECHNOLOGY REQUIREMENTS

- Computer/laptop/iPad compatible with Responds Lockdown Browser/Webcam
- Webcam
- Reliable internet access
- Scientific calculator TI-30Xa

Course content is delivered via the Internet through the Blackboard learning management system. Ensure your UTEP e-mail account is working and that you have access to the Web and a stable web browser. Google Chrome and Mozilla Firefox are the best browsers for Blackboard; other browsers may cause complications. When having technical difficulties, update your browser, clear your cache, or try switching to another browser.

IV. Instructor’s Policies

A. Course delivery

This course is delivered entirely online through Blackboard. You must have consistent access to high-speed internet, Blackboard, and other required course platforms online and offline. If you need help or have issues securing internet at home, reach out to me and we’ll try to solve the issue together. Assessments in this class are not open book. Put away all notes, books, and electronic devices during quizzes and tests. Responds Lockdown Browser will be used for major examinations.

B. ACADEMIC INTEGRITY

The University of Texas at El Paso prides itself on its standards of academic excellence. In the classroom and in all other academic activities, students are expected to uphold the highest standards of academic integrity. Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, and any act designed to give unfair advantage to a student or the attempt to commit such acts. In this class, academic dishonesty includes the use of on-line translation services (i.e.: Google Translate) to complete coursework. If I suspect that Google Translate is being used as a primary means of completing assignments, I will introduce measures to monitor student progress, including, but not limited to: using Respondus Lockdown Browser for assignments and tests.
C. ACCOMMODATIONS

Your success in this class is important to me. We will all need accommodations because we all learn differently. If there are aspects of this course that prevent you from learning or exclude you, please let me know as soon as possible. Together we’ll develop strategies to meet both your needs and the requirements of the course. I also encourage you to visit the Center for Accommodations and Support Services (CASS) in room 106, Union East Building or contact them at 747-5148 or cass@utep.edu. If you need official accommodations, you have a right to have these met. There are also a range of resources on campus, including the Writing Center, Counseling Center, Military Student Success Center and Academic Advising Center.

D. Military Students

If you are a military student (veteran, dependent, active) please visit the Military Student Success Center. I also recognize the complexities of being a student veteran. If you are a student veteran, please inform me if you need special accommodations. If you make me aware of a complication related to your military status, I will do everything I can to assist you or put you in contact with university staff who are trained to assist you.

E. “I” Grade

Incomplete grades may be requested only in exceptional circumstances after you have completed at least half of the course requirements. Talk to me immediately if you believe an incomplete is warranted. If granted, we will establish a contract of work to be completed with deadlines.

E. Cellular Phones

Cellular phones and/or beepers should be turned off during the class period. No texting during virtual lecture! Students that fail to comply with this policy will be asked to leave the virtual lecture.

V. Safety Rules

IT IS EXTREMELY IMPORTANT THAT YOU FOLLOW ALL INSTRUCTIONS GIVEN BY THE LAB INSTRUCTOR. SOME OBLIGATIONS OF THE STUDENT AND TECHNIQUES TO BE FOLLOWED ARE LISTED BELOW.

1. BECOME FAMILIAR WITH THE HEALTH AND SAFETY HAZARDS OF ALL EQUIPMENT AND CHEMICALS, WHICH YOU ARE WORKING. MATERIAL DATA SHEETS (MSDS) FOR THE CHEMICALS YOU WILL BE WORKING WITH CAN BE CHECKED AT THE CHEMISTRY PREP-ROOM

2. DOUBLE CHECK LABELS IN BOTTLES BEFORE USING. THE LABELS WILL TELL YOU THE SAFETY PRECAUTIONS AND HAZARDS THAT YOU NEED TO BE AWARE OF.
3. KNOW WHERE ALL EMERGENCY EQUIPMENT IS (FIRE EXTINGUISHERS, FIRE EXITS, EYE WASH STATION, EMERGENCY SHOWER, FIRE BLANKETS, ETC.)

4. KEEP WORK AREAS CLEAN. DISPOSE OF CHEMICAL WASTE ONLY IN LABELED CONTAINERS. DO NOT POUR CHEMICALS DOWN THE SINK UNLESS THE TEACHER INSTRUCTS YOU TO DO SO.

5. USE CAUTION WHEN TRANSPORTING HAZARDOUS CHEMICALS.

6. NO FOOD OR DRINK ALLOWED.

7. DO NOT TASTE OR DEEPLY INHALE MATERIALS. USE THE FUME HOODS FOR PROTECTION AND VENTILATION WHEN NECESSARY.

8. NEVER WORK ALONE.

9. NEVER RETURN UNUSED SOLID CHEMICALS OR SOLUTIONS TO THE STOCK BOTTLE AND NEVER DIRECTLY PIPETTE OR MEASURE FROM STOCK SOLUTION.

10. ALWAYS FOLLOW INSTRUCTIONS. PRINTED OR VERBAL. PLAN YOUR EXPERIMENTS REDUCE THE POTENTIAL FOR ACCIDENTS. DO NOT ATTEMPT ANY EXPERIMENT BEYOND WHAT YOUR INSTRUCTOR HAS DISCUSSED WITH THE CLASS.

11. STUDENTS SHOULD PULL LONG HAIR BACK WHEN APPROPRIATE. WEAR LONG PANTS AND DO NOT WEAR SANDALS TO THE LAB.

12. BUY YOUR OWN GOGGLES AND WEAR THEM.

13. DO NOT REACH OVER FLAME. KEEP CLOTHING AWAY FROM OPEN FLAMES.

14. IN ANY EMERGENCY, NOTIFY YOUR INSTRUCTOR. REPORT IT IMMEDIATELY TO THE CHEMISTRY PREP-ROOM (A2729). IF SOMETHING IS SPILLED, NOTIFY YOUR INSTRUCTOR RAPIDLY.

15. NO CHILDREN OR VISITORS ALLOWED IN THE CHEMISTRY LAB.

16. DO NOT SIT WHILE DOING EXPERIMENTS; DO NOT BRING ANY CHAIRS FROM OTHER LABS.

THESE ARE ONLY A FEW REMINDERS OF THINGS THAT YOU SHOULD KNOW. REMEMBER, MOST ACCIDENTS OCCUR BECAUSE NEGLIGENCE. THE PLACE TO START SAFETY IS AT THE LAB TABLE. ALSO, IF THERE IS SOMETHING THAT YOU ARE NOT SURE ABOUT... ASK.

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**CHEMISTRY 1107**

**LAB SCHEDULE**

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<thead>
<tr>
<th>WEEK</th>
<th>DATE</th>
<th>ACTIVITY</th>
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<tbody>
<tr>
<td>1</td>
<td></td>
<td>No Lab</td>
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<td>2</td>
<td>Safety Lecture</td>
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<tr>
<td>3</td>
<td>EXP# 1: Measurements and Significant Figures (Sig Fig)</td>
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<td>4</td>
<td>EXP#2: Density and Measurement</td>
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<td>5</td>
<td>Workshop: Periodic Table</td>
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<td>6</td>
<td>EXP# 4: Naming Compounds (Ionic &amp; Molecular)</td>
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<td>7</td>
<td>Workshop: The Mole</td>
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<td>8</td>
<td>Review for Mid Term Lab Exam &amp; Midterm Lab Exam will post on B.b under “Assessments”</td>
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<td>9</td>
<td>EXP#10: Heat of Reaction: Hot &amp; cold Packs</td>
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<td>10</td>
<td>EXP # 5: Properties of Solutions</td>
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<td>11</td>
<td>Workshop: Gas Laws</td>
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<td>12</td>
<td>Workshop: Properties of Solutions</td>
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<tr>
<td>13</td>
<td>EXP#12: Titration of White Vinegar</td>
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<td>14</td>
<td>Thanksgiving Break</td>
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<td>15</td>
<td>Final Lab Exam will post on B.b under “Assessments”</td>
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This schedule is Subject to Variation

**IMPORTANT SEMESTER DATES:**

- **Aug 24**: First Day of Class
- **Sept 7**: Labor Day – University Closed / No Classes
- **Sept 9**: Census
- **Oct 30**: Withdrawal / Drop Deadline – Last Day to Drop With a “W”
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<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>Nov 26-27</td>
<td>Thanksgiving Break – University Closed / No Classes</td>
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<td>Dec 4</td>
<td>Dead Day – No Classes</td>
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<td>Dec 7-11</td>
<td>Fall Final Exams</td>
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<td>Dec 17</td>
<td>Grades are posted and Available to Students</td>
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