Fall 2018

Lab for CHM 1407: Introductory Chemistry
Section 12369: Monday 3:30pm - 6:20pm PSCI 304

Instructor: Dr. Eva Deemer

Email: emdeemer@utep.edu

Phone Number: 747-5467

Office Number: Physical Science 121F
Office Hours by appointment (I am running around labs- email me for appointment)

Text and Materials
B. Z87.1 goggles must be worn in the lab at all times. 
STUDENTS WHO DO NOT BRING SAFETY GOGGLES WILL NOT BE ALLOWED TO PARTICIPATE IN LAB.
C. Lab coat (only if we have wet experimental lab)
D. Scientific calculator. (TI-30Xa)
E. Splash googles

IV. Course Requirements
A. As a rule: students, who accumulate more than two laboratory absences, will fail the course.

B. Lab Grading Scale:
Average Grade       Letter Grade
90 – 100 % A
80 – 89 % B
70 – 79 % C
60 – 69 % D
0 – 59 % F

C. **Evaluation:** Note: Lab grades will be incorporated into CHEM 1407 lecture with 10 % of the total grade (90% lecture grade + 10% Lab.)

Lab Grade consisting of Lab reports & Attendance ...60 %, Mid-exam.................................................................20 %, Final Exam .................................................................20 %

D. **Lab exercises and lab exams:**
   - Make up lab exercises are not an option.
   - There are no make-up sessions for laboratory exams
   - Lab reports will be counted only if you attended the lab.

V. **Instructor’s Policies and Safety Policies**
   All instructor’s policies stated in the lecture part of this course apply to the laboratory portion as well, refer to the instructor’s syllabus.

B. **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 (A2729).**
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.
17. Rash of Graffiti constitutes a State Jail Felony; punishable by a maximum of 2 years confinement in a state jail and/or a $10,000 fine, if it occurs at a school.

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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*Laboratory Activities are Subject to Change*