

Allen University

I. General Chemistry II Lab, CHM 202L

II. Dr. Juliet Hahn
Assistant Professor of Chemistry
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Office Location: Gibbs Hall, Room 308
Office Hours*: MWF 1:00pm-3:00pm
T,TH 2:30 pm – 4:30 pm
(* Office Hours may be held in Gibbs 314)
Telephone Number: 803-376- 5830

III. Course Name and Description

CHM 202 L General Chemistry II Lab (1 Credit Hour)

Prerequisite: CHM 201L This course is a continuation of CHM 201L with an emphasis on electrochemical and spectroscopic measurements.

IV. **Schedule of Labs:** The schedule of labs is subject to change depending on when I manage to finish setting up labs and finding all chemicals needed.

Date	Topics
8/16R	Go over the Course Syllabus Choose lab partner and lab drawer.
8/23R	Math Review
8/30R	Safety Lab
9/6R	Molecular Structures Lab - Prelab
9/13R	Molecular Structures Lab - Lab
9/20R	Types of Reactions – PreLab
9/27R	Types of Reactions - Lab
10/4R	Midterm (Math, Safety, Molecular Structures)
10/11R	Enthalpy of Neutralization Reaction – Prelab
10/18R	Enthalpy of Neutralization Reaction - Lab
10/25R	Acid Base Titration - Prelab
11/1 R	Acid Base Titration Part I – Lab
11/8R	Acid–Base Titrations Part II - Lab
11/15R	NO LAB – Thursday before Thanksgiving Holiday
11/22R	NO LAB – THANKSGIVING HOLIDAY
11/29R	Lab Final Exam (Reactions, Enthalpy, Titration)
12/6R	NO LAB – PRE-EXAMINATION WEEK
12/13R	NO LAB – FINAL EXAM WEEK

V. **Course Evaluation** Your grade for this course will be based on the assessments listed below.

Assignment	Percentage
Lab Exams (Midterm & Final Exam, miss without excuse – zero, miss one with excuse take make up)	23%
Lab Safety / Technique pts (safety violation subject to penalty of 10% of lab report grade)	7%
Lab Assignments/Reports (miss one lab, replace by own lab average prorated for difficulty of the lab, miss more than one lab – zero on missed lab)	70%
Total	100%

Midterm Exam: Lab midterm covers the first half of the semester.

Final Exam: Lab final exam will cover the second half of the semester.

Lab Reports: Most Lab Reports will be completion of a handout. Some of the labs may be completion of a lab report in the format of a lab notebook. 10% of each lab report will be for the “Safety/Technique” points. If there is violation of safety rules, you may lose up to 10% of the lab report grade. (examples: no safety glasses, being a danger to yourself or your colleagues, negligently causing an accident in the lab by not following directions, leaving lab area with unidentified chemicals & causing a fire danger) Late lab reports will lose points at the rate of 10% per each business day late. After 10 days, the late lab report will be worth zero points.

Late/Missed Labs: If you do not turn in a lab report but you performed the actual lab (by sign-in), you will earn no more than 50% of the lab report grade. Your first missed lab will be replaced by the average of your other labs prorated for the difficulty of the lab.

VI. **Course Textbook**

Required Textbook: Chemistry (10th Edition, 2017). Publishing Company: Cengage Learning; ISBN: 978-1-305-95740-4. Authors: Steven S. Zumdahl & Susan A. Zumdahl. **The textbook is provided to you as an etextbook free of charge to you (paid for by the college) on the Cengage Unlimited website.** Please do not accidentally pay for a copy of the textbook.

scientific calculator: To perform calculations in this course, you will need an inexpensive “scientific calculator”. It does not need to be elaborate but should be able to express numbers in scientific notation (e.g. 6.02×10^{23}) and must have log (and ln) functions. You can buy such a calculator for around \$5 to \$10.00 at the local discount store. You will be able to use your calculator on all exams & quizzes. You will **not** be allowed to use a cell phone as a calculator on quizzes & exams.

Syllabus Agreement Form, Information Sheet

I have read and understand the policies stated in the syllabus for Dr. Hahn's CHM 202 Lab class for Fall semester of 2018. All questions have been answered to my satisfaction. By signing this sheet I agree to abide by the policies stated therein.

Your signature _____ Dr. Hahn CHM 202 Lab Fall 2018

Print your name: _____ Date _____

***** Information Sheet

contact phone # _____ contact email address _____

major _____ year (please circle one) fresh, sophomore, junior, senior, other

if other please explain _____ last chemistry course taken (course name) _____

when (year, semester) _____ where (here, other) _____ cumulative GPA _____

grade received on last chemistry course _____

other science courses taking currently (give course name) _____

Are you doing research? (yes, no) If so with whom? _____

Why are you taking this class? _____

hobbies: _____

Are you a member of an official Allen University sports team ? (not intermural sports but an

official team) If so which team (teams) _____

Feel free to tell me anything else you would like me to know about you: _____