

Allen University

I. General Chemistry I Lab, CHM 201L Tuesday 1 - 2:20 pm in Gibbs 314 Fall 2018

II. Dr. Juliet Hahn
Assistant Professor of Chemistry
Email: jhahn@allenuniversity.edu

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

Please refer to the long version of the syllabus posted online for more university policies.

III. Course Name and Description

CHM 201L General Chemistry I Lab (1 Credit Hour)

Prerequisite: Enrolled in CHM 201 or Completion of CHM 201 Course

This is a laboratory course designed to acquaint students with measurements and analysis of concepts related to topics covered in CHM 201. Emphasis will be on the proper use of laboratory equipment and materials used to make quantitative 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	CHM 201.01 Weekly Lab Schedule (Tuesdays)
8/14T	Go over Course Syllabus choose lab partner and lab drawer
8//21T	Math Review
8/28T	Safety Lab
9/4T	Density Lab- prelab
9/11T	Density Lab - lab
9/18T	Sodium Bicarbonate Reaction - prelab
9/25T	Sodium Bicarbonate Reaction - lab
10/2T	NO LAB – MIDTERM EXAM WEEK Lab Midterm (math, safety, density)
10/9T	Molarity of Potassium Iodide - prelab
10/16T	Molarity of Potassium Iodide Part I
10/23T	Molarity of Potassium Iodide Part II
10/30T	Gas Laws - prelab
11/6T	Gas Laws - lab
11/13T	Lab Final Exam (sodium bicarbonate, potassium iodide, gas laws)
11/20T	NO LAB – THANKSGIVING HOLIDAY
11/27T	NO LAB
12/4T	NO LAB Pre Final Exam Week
12/11T	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 late, the 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 201 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 201 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) _____

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: _____