Chem 1135 Syllabus

General Education Outcomes:

Upon successfully completing this course, students will have had exposure to and demonstrated an understanding of the following general education outcomes. The topics in parentheses are specific examples of course topics that contribute to the outcomes.

a. The nature of science (the scientific method)
b. Integration of science (the conservation of matter)
c. Science and Society (climate change)
d. Problem solving and data analysis (chemical reaction rates, the analysis of lab data)
e. Organization of systems (the periodic law and table)
f. Matter(chemical and physical changes)
g. Energy (energy sources, conservation of energy)
h. Forces (chemical bonding)

Required Textbooks/Materials

There is one optional item for the lab courses:

1. *Chem 1135: (optional) Safety-Scale Laboratory Experiments (custom)*, 9th ed (ISBN 1-337-70156-4) **or** 9th (ISBN 1-305-96855-7 by Seager and Slabaugh.

All coursework, including lab is done online using standard internet browsers. We have recently received permission from the publisher to provide the electronic version of the lab manual to our students. You can access .pdf versions of the labs in ChemWeb by clicking on the lab you are working on. At the top of the page is a link to a .pdf copy of the lab book. Purchasing the print copy may be helpful but not required.

Calculator

A calculator is needed for many homework and test problems. An inexpensive scientific calculator will suffice.

Exams

There are no exams for the lab class.

Each assignment MUST be completed by its specific due date.

Laboratory

You will not be required to come to the campus to complete the laboratory portion of this course. You also will not need any laboratory equipment.

Lab instructions and help is available on the "Lab" tab.

Labs are graded by assistants, so instantaneous feedback is not possible. Labs will be graded within one week from the last accept date.

There will be one assignment on Canvas that pertains to the lab work "Lab Signature Assignment". It will be due the day after lab #1 is due. That will be the only assignment you will complete in Canvas. To get the credit for this assignment, you will complete the questionnaire in your ChemWeb account after completing the Canvas activity. See the "course work" page #5 for more info on this one time assignment.

Late Work Policy

All work is due by 11:59 p.m. EST on or before it's due date. We **DO NOT** allow late work. We will, however, allow **one** grace due date for one lab only, up to one week late, but no late work after that one grace. The last lab will

not be accepted late. Exams will **never** be allowed late, no retakes or make-ups. To take advantage of the late grace, email me to apply it for you.

Course Grades

Grades will be assigned on the basis of the total number of points (%) accumulated:

Lab Experiments (12 + 4 lab survey)	244 points
Total Points Possible	244 points

The following scale based upon total course points will be used to establish grades:

A 100-94%	B 86-83%	C 76-73%	D 66-64%
A- 93-90%	B- 82-80%	C- 72-70%	D- 63-60%
B+ 89-87%	C+ 79-77%	D+ 69-67%	E 59-0%

At the discretion of the instructor, a curve (lowering the scale above) may be used for grading.

Tentative Schedule: Summer semester may be condensed due to the shorter semester weeks. Specific due dates are listed in your grade book ChemWeb account.

Week 1	Lab 1
Week 2	Lab 2
Week 3	Lab 3
Week 4	
Week 5	Lab 4
Week 6	Lab 5
Week 7	Lab 16
Week 8	
Week 9	Lab 18
Week 10	Lab 19
Week 11	Lab 26
Week 12	
Week 13	Lab 29
Week 14	Lab 30
Week 15	Lab 31

Extra Credit: No extra credit will be offered for this class.

Additional Help:

WSU is now piloting an online tutoring program for online Chemistry students! Online sessions with Weber State tutors are available by appointment only, and space is limited. Please advise students to call or visit the Davis Learning Center at least 24 hours in advance to schedule (801-395-3569, room D2-214).

We Care About Your Success! Weber State University uses Starfish® to help identify students who may need additional support in order to achieve academic success. Throughout the term, you may receive emails from Starfish® regarding your course grades or academic performance. Please pay attention to these emails and consider taking the recommended actions. If you receive one of these alerts, please keep in mind they are meant to help you achieve success—they do not affect your grade, or carry any punitive action. Students may also raise flags in Starfish® that signal to the instructor and academic

advisor that they need additional help. Advisors are available to connect students with a variety of campus resources and answer questions. You may find the Starfish program at your eWeber portal.

Brian Pilcher, learning strategist in the College of Science, can help you with learning skills such as time management, study methods, test taking, and test anxiety. He is located in TY 201D when the pandemic settles out enough for face-to-face appointments, but Zoom discussions are a sure way to visit. Either way, make an appointment at https://brianpilcher.youcanbook.me. Available times are indicated there. He will also offer learning skills workshops when face-to-face is completely resumed. You can find the current workshop schedule here.