

Survey of Chemistry (I)

CHEM1151K - Summer 2021

Instructor: Dr. Zahra Alghoul

Course Format

The course will be offered in a synchronous online format. We will have online meetings MWF at 12:00-1:40 pm through Webex.

To join a meeting, click on the **Webex** tab on the course page on icollege and then click on the **Join** tab for the corresponding session under **Virtual Meetings**.

Lecture notes and videos will be posted on icollege every week.

Office Hours

If you have questions, you may sign up for a 15-minute individual Webex meeting.

Tuesday 4:00 – 4:30 pm.

To sign up for a meeting, use the Webex tab -> Office Hours on the course page on icollege.

Course Communications

Please use icollege for course communications.

To send me an email through icollege, select *Classlist* -> *Instructors/TAs* -> *Send email* (dropdown button next to my name).

Textbook

General, Organic, and Biological Chemistry: Structures of Life 6th Edition, Karen Timberlake (without Mastering Chemistry)

Required Material

- A scientific **nonprogrammable** calculator
- *This course will require students to use LockDown browser with Resondus Web Monitor for all course Exams. Students will need a webcam enabled device capable of installing Lockdown Browser. Students who require a device may request one from CETL here: <https://cetl.gsu.edu/resources/resources-for-learning-remotely/internet-options/>*

Content

CHEM 1151 is the first course in a series of general chemistry courses designed for students in physical education, business, humanities, social sciences, and allied health (Nursing or Dental Hygiene) majors. The contents of the course will provide you with knowledge of **basic chemical concepts**, such as scientific calculations, composition of matter, chemical reactions, stoichiometry, periodic relations, nomenclature, electronic structure, chemical bonding, acid-base chemistry, nuclear chemistry, and properties of gases.

Course Objectives

The objective of this course is to give you the knowledge needed to:

- Model the structure of the atom
- Recognize the properties of atoms from their location in the periodic table
- Name chemical compounds and predict their formulas
- Write equations of chemical reactions
- Learn about the medical applications of nuclear chemistry
- Use gas laws to predict behavior of gases under different experimental conditions
- Use acid-base chemistry in medical applications

Course Calendar

Open-Book Quizzes	Open on Thursday at 8:00 am and close on Sunday of the same week at 11:30 pm.
Exam #1	06/23/2021 at 12:00 PM (50 minutes long)
Exam # 2	07/14/2021 at 12:00 PM (50 minutes long)
Final Exam	07/27/2021 at 1:00 pm (60 minutes long) Please notify me in the first week of classes if you have scheduling conflict with another final exam.

Grading

If you are unable to take the exam at the scheduled time for a **valid and documented excuse**, please communicate with me for alternative arrangements.

The lowest quiz score will be dropped. If you miss a quiz, it will count as your dropped score.

A score of zero will be given to un-attempted quizzes and exams.

2 exams	50 %
Quizzes (4 of 5)	12 %
Final exam	38 %
Total	100 %

Grading scale

Letter grade	Range %	Letter grade	Range %
A+	97+	C+	77+
A	93+	C	73+
A-	90+	C-	70+
B+	87+	D	60+
B	83+	F	< 60
B-	80+		

The instructor MAY modify the grading percentile downwards.

Academic Honor

All students are expected to respect the academic honor policy and to contribute their own effort into their academic achievements. Graded assignments should reflect every student's effort. Violation of the academic honor policy will result in an F on the course, according to University regulations.

1)Unauthorized sharing/collaboration on examinations or other assignments using any means including social media like GroupMe constitutes academic dishonesty.

2) KNOWING about such sharing and not reporting it also constitutes academic dishonesty and will be reported as such.

3) Please remember that there is no statute of limitations on academic dishonesty, so if it turns out after grades are reported that there was cheating or knowledge of cheating that was unreported, grades can be changed after the fact.

Americans with Disabilities Act Statement: If you are a student who requires special accommodations as defined under the Americans with Disabilities Act and require assistance or support services, please seek assistance through the Access and Accommodations Center at GSU.

Affirmative Action Statement: Georgia State University adheres to affirmative action policies designed to promote diversity and equal opportunity for all faculty and students.

Statement of Non-Discrimination: Georgia State University supports the Civil Rights Act of 1964, Executive Order #11246, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act. No person shall, on the basis of age, race, religion, color, gender, sexual orientation, national origin or disability, be excluded from participation in, or be denied the benefits of, or be subjected to discrimination under any program or activity of the college.