

Winter Session 2021
Introduction to Chemistry (CHEM 113)
(Course Format: Online Asynchronous)

INSTRUCTOR: –

Dr. Kwaku Baryeh

Office: SW 3140

Phone Office: 618-650-2363 **E-mail:** kbaryeh@siue.edu (Preferred)

Office Hours: Monday and Wednesday from 1pm to 3pm (online by appointment)

COURSE FORMAT: – **Online Asynchronous**. This means that there are no designated lecture times. Video recorded lectures and slides will be provided on Blackboard. You are to watch, study the materials and complete assigned work before set deadlines.

TEXTBOOK: – *INTRODUCTORY CHEMISTRY*, Nivaldo J. Tro, 6th Edition, Person Education Inc., 2018

COURSE DESCRIPTION: –

Welcome to CHEM 113 Introduction to Chemistry! What are the smallest building blocks of life? What natural relationships can be described by mathematical expressions? These questions and more are addressed in this lecture course on the fundamental concepts in Chemistry through the discussion of the structure of matter, atomic theory, simple chemical calculations, and the nature of chemical reactions.

COURSE OBJECTIVES: –

1. Develop critical thinking skills that lead to the understanding of basic chemical principles.
2. Build confidence in learning and understanding chemistry
3. Appreciate chemistry and its relevance to our daily lives
4. Prepare for the upper-level classes

REQUIREMENT: – Each student must have access to a computer with stable internet access. Please speak to instructor for accessibility issues. The computer must have Adobe Acrobat Reader™, QuickTime (available free online), and Microsoft Office™. Currently enrolled students can download and install Microsoft Office on up to five computers by visiting: <http://office365.siue.edu>. You will need to use your full SIUE email address and e-ID password to log in. The subscription also includes full access to MS Office applications for iPhone and Android devices.

Pearson's "Mastering Chemistry" software, accessed via Blackboard, associated with the textbook is required in order to complete Homework assignments and Dynamic Modules. Technical assistance for the setting up of Mastering Chemistry will be communicated before any assignments or quizzes are assigned.

TOPICS: – Below is a tentative schedule for the topics we will cover in this class. Lecture videos and PowerPoint slides of course materials will be made available to you on Blackboard.

WEEK	CHAPTER TO BE TREATED
1	CH 1, 2, 3, 4
2	CH 5, 6, 7
3	CH 8, 9
4	CH 10, 11

The instructor reserves the right to change the order or content of the Chapters as set by the pace of the course.

GRADING SCHEME: – Homework= 30%; Quizzes: 20% Exams = 50% (This will be composed of 4 separate exams, each worth 12.5%). These total 100% plus an additional Dynamic Study Modules= 5% (Bonus) for a total of 105% possible points.

SCALE: –

A	≥ 90%
B	≥ 80%
C	≥ 70%
D	≥ 60%
F	< 60%

HOMEWORK, DYNAMIC MODULES, QUIZZES & EXAMS: –

- Homework and Dynamic Modules will be assigned on the Mastering Chemistry platform
- Quizzes and Exams will be administered directly on Blackboard

For every chapter covered, there will be a Dynamic Module and Homework assigned on Mastering Chemistry. Additionally, there will be a Quiz for every Chapter completed.

THERE WILL BE 4 EXAMS FOR THIS CLASS.

The exact dates for the EXAMS will be communicated ahead of time.

EXAM *	CHAPTERS COVERED
EXAM 1	Chapters 1, 2, 3, 4
EXAM 2	Chapters 5, 6, 7
EXAM 3	Chapters 8, 9
EXAM 4	Chapters 10, 11

- * Exams will be made available at 12 noon of the pre-communicated exam day. You will have until the end of the next day to complete the exam. This means, you will have a 36-hour window within which the exam must be completed. The exams will be timed and must be completed in one sitting.

Deadlines and time windows will be given for the completion of all assignments. The instructor will not extend or adjust these times unless student(s) contacts instructor prior to the deadline or time window. More than likely, your make-up exam will occur before the actual scheduled exam. In cases where students make contact after the deadline, proper documentation (e.g. Doctor's report) will have to be provided. **Late Homework, Quizzes and Exams submissions will attract a 20% penalty for every day that the exercise is late.**

FINAL EXAM CONFLICT POLICY: – If you have more than two final examinations scheduled for the same day, or have two examinations scheduled for the same time, you may request that one of the examinations be rescheduled. You can accomplish this by submitting a written request to the Assistant Vice Chancellor for Enrollment Management, in Rendleman Hall 1207. The request must include your name, your student identification number, and list of scheduled courses, and must be received by the Assistant Vice Chancellor at least two weeks prior to the first day of the examination period.

ACCESSIBILITY: – Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 require Southern Illinois University Edwardsville to provide academic adjustments or accommodations for students

with documented disabilities. Students needing accommodation must register with Accessible Campus Community & Equitable Student Support (ACCESS) and complete an intake process before accommodations will be given. Students who believe they have a diagnosis, but do not have documentation, should contact ACCESS for assistance and/or appropriate referral. The ACCESS office is located in the Student Success Center, Room 1203. You can also reach the office by emailing us at myaccess@siue.edu or by calling **618-650-3726**. After meeting with a ACCESS staff member, students are encouraged to meet with their instructors after the first or second class meeting to discuss their special needs, and if applicable, any safety concerns related to their disabilities.

ACADEMIC RESPONSIBILITY: – All work in this course must be completed in a manner consistent with the SIUE Student Academic Code - 3C2 (<https://www.siue.edu/policies/3c2.shtml>).

CLASS POLICIES: –

The full set of policies are available at <http://www.siue.edu/policies/>

The Student Academics and Performance section : <http://www.siue.edu/policies/toc.shtml#onei>

The Student Conduct Code : <http://www.siue.edu/policies/3c1.shtml>.

The Student Academic Code : <http://www.siue.edu/policies/3c2.shtml>.

The Students' Rights and Conduct Code : <http://www.siue.edu/policies/3c3.shtml>.

HEALTH AND SAFETY: – The measures outlined below are required and any student who does not comply may be in violation of the COVID-19 People-Focused Health and Safety Policy, as well as the University's Student Code of Conduct.

The full text of the COVID-19 People-Focused Health and Safety Policy can be found here:
<https://www.siue.edu/policies/Covid.shtml>

CLASSROOMS, LABS, STUDIOS, AND OTHER ACADEMIC SPACES

While in the classroom, lab, studio, or other academic spaces, students (regardless of vaccination status) shall wear face coverings that fully cover the nose and mouth and practice physical distancing measures to the extent practicable based on the specific classroom capacity and pedagogy. Classroom furniture should not be rearranged, and furniture that has been taped off or covered should not be used.

Students who forget to wear a face covering will be reminded of their obligation to comply with SIUE's COVID-19 People-Focused Health and Safety Policy and temporarily asked to leave the class until they are able to conform to the policy. Students who forget or lose their face coverings may be able to obtain replacements from a friend, a faculty member, or a nearby departmental office. Face coverings are also available for purchase in the Cougar Store (MUC).

Students who refuse to wear a face covering will be asked to leave the classroom and referred to the Dean of Students for non-compliance with community health and safety protocols. Repeated non-compliance may result in disciplinary actions, including the student being administratively dropped from an on-ground/face-to-face course or courses without refund if no alternative course format is available.

If a student has a documented health condition which makes wearing a face covering medically intolerable, that student should contact ACCESS to explore options with the understanding that ACCESS will not grant accommodations which excuse the need for a face covering while on campus or in the classroom. ACCESS will work with qualifying individuals to find reasonable alternatives, whenever such solutions are available. Please call or contact the ACCESS Office via email to schedule an online appointment to discuss potential alternatives. ACCESS office (Student Success Center, Room 1203, 618-650-3726, and myaccess@siue.edu).

GENERAL HEALTH MEASURES

At all times, students should engage in recommended health and safety measures, which include:

- ✚ Conducting a daily health assessment. If you have COVID-19 symptoms, but not yet tested positive, have had COVID-19 close contact exposure, or are COVID-19 diagnosed as presumptive or confirmed positive, stay home and contact your health provider or SIUE Health Service at cougarcare@siue.edu or 618-650-2842. More information on reporting procedures is available [here](#).
- ✚ Frequent washing or disinfecting of hands.
- ✚ Physical distancing.
- ✚ Face masks or face coverings that cover the nose and mouth are required in indoor public spaces regardless of the ability to maintain physical distance. Indoor public spaces include common spaces or community settings that anyone can access, such as reception areas with walk-in access, restrooms, hallways, classrooms, teaching and research laboratories, as well as common spaces in residence halls, conference rooms, lobbies, and break rooms.
- ✚ If present, adhere to directional signs and traffic flow patterns in buildings and offices. In many spaces, doors for entering and exiting buildings are designated.

RECORDINGS OF CLASS CONTENT: – Faculty recordings of lectures and/or other course materials are meant to facilitate student learning and to help facilitate a student catching up who has missed class due to illness or quarantine. As such, students are reminded that the recording, as well as replicating or sharing of any course content and/or course materials without the express permission of the instructor of record, is not permitted, and may be considered a violation of the University's Student Conduct Code (3C1), linked here: <https://www.siue.edu/policies/3c1.shtml>.