

CHEM 1243
General Chemistry Lecture

The instructor is Randal Hallford, Ph.D. Associate Professor of Physical Chemistry.

The office hours will be handled in Zoom and are posted outside the office in Dillard 279 and also at Bolin Hall room 307.

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The textbook is mandatory and is the General Chemistry Openstax textbook download from openstax.org, as is the SaplingLearning.com homework service. Be certain to enroll in the homework service under your name as used with MSU Registrar. No nick names or aliases. Access to the my.msutexas.edu Portal page is required. See overview for instructions.

Supplemental Material includes library reference materials and a Student Solutions Guide download.

Prerequisites: completion of MATH 1223 (College Algebra) and CHEM 1143 (General Chemistry I); Co requisite: CHEM 1241. A computer and internet connection. NOTE: You cannot use a Chromebook for this course.

Examination schedule is chapters 12, 13, 14 titled Kinetics, Equilibrium and Acid-Base Equilibria covered on exam one; chapters 15, 16, 17 titled Equilibrium Precipitation and Other Reactions, Thermodynamics and Electrochemistry covered on exam 2, and chapters 10 and 11 Liquids and Solids and Solutions covered on exam three. A final examination will be the semester comprehensive ACS National exam.

Please note the following: Calculators with large memory capacity, mathematical solution software, and chemistry software are NOT allowed on exams. The use of such a calculator on an exam constitutes cheating. Single or double-line scientific calculators are acceptable. I may check the memory of any calculator during an exam. Cell phones may not be used for a calculator.

Cell phones, computers, PDA's and other electronic devices are not allowed during class. Cell phones must be off during any scheduled class period.

Graded work consists of 3 one-hour exams at 100 pts each and is 50.0% of the total grade. There will be one final examination worth 20.0 % of the total grade and eight sets of homework that will be graded for 30.0% of the total grade. Grades will be assigned as follows unless otherwise noted:

A letter grade is given for 90-100%; B for 80-89%; C for 70-79%; D for 55-69%; and an F for less than 55% of the graded work.

Under no circumstances will make-up exams or extra assignments be given. One missed exam may be made up based on the comprehensive final exam (substitute final exam score for the missed exam score) if unavoidable medical circumstances exist.

The evaluation of student material is the domain of the instructor. Standard grading policy is followed without exception. Exam errors may be handled by removing the required points from the exam total, but credited if answered correctly for multiple choice format questions. The class average is determined by the performance of the class. We will adhere to MSU's standard policy. Refer to the MSU website calendar for the final exam date. Scores are reported after each exam.

By enrolling in this course, the student expressly grants MSU a "limited right" in all intellectual property created by the student for the purpose of this course. The "limited right" shall include but shall not be limited to the right to reproduce the student's work product in order to verify originality and authenticity, and for educational purposes. All materials associated with this course are copyrighted by MSU, the text publisher and the instructors, and may not be published on social media, websites or other means without the express written permission of MSU, the publishers and the instructors. This includes any recordings made in class.

Dropping from the course after the last drop date assigns a grade of F. If the lecture is dropped, the lab may also need to be dropped. Attendance to lecture is required. Students are responsible for all material presented in class and in assigned material. In-class exercises will not be provided outside of class.^[1]

It is important to study outside of class on a regular basis; working problems is the best way to learn chemistry. Required or suggested problems will be due at the start of class on the due date. Attendance to lecture is required. Missing one (1) lecture in summer terms or three (3) in a regular semester without excuse results in a drop notice. Students are responsible for all material presented in class and in assigned material.^[2] Attendance to Zoom or Bright space (Virtual Classroom) lectures will be collected and represents your attendance. **A functioning webcam that is turned on** for the duration of the lecture is required. **Failure to be face-visible during the lecture will result in an absence.** Lecture materials available to the student are on the PORTAL page for the instructor. You must join my group before you can access lecture materials.

There will be activities available to reinforce several topics before an examination. These materials will be available on D2L throughout the semester and you will find them in each module (chapter or week heading) listed as an activity. It is highly recommended that you attempt them!

Cheating on any exam, quiz or lab report will be regarded as academic dishonesty and may be subject to a zero or a final course grade of F. See calculator requirements above.

General Education Statement: Students in this course must demonstrate their competency in reading, writing, and fundamental math skills through satisfactory completion of all assignments.

Americans w/ Disabilities Act Compliance: If any student needs special accommodations, the Office of Disabled Student Services Clark Student Center, room 108 (397-4618), and the instructor will provide a reasonable and fair opportunity to perform in this class. Please inform the Student Service as early as possible.

Student Agreement for CHEMISTRY 1243

1. I have in my possession a copy of the course syllabus that outlines my obligations for remaining enrolled in this course. I am aware that missing three class periods without an acceptable excuse will result in my being dropped from this course. Missing more than three class periods for any reason requires permission from the Dean of Students office.
2. Further, I realize that my grade for this course includes homework assignments. Failing to complete the homework will result in a low grade, and so I agree to work homework sets throughout the semester to maintain my overall grade in the course.
3. Midterm examinations are a part of my overall grade and I agree to be present for each exam, or to have arranged with the Professor to take them early if I am required to miss class during an examination period due to any acceptable MSU obligations.

*Remaining enrolled in this course is your signature that you will abide by this agreement.

^[1] Refer to the MSU handbook for University policies about academic honesty and class attendance

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