

CHEM 1243 – 102 General Chemistry II Fall 2022 (TR 11:00 am – 12:20 pm)

Instructor: Dr. J. SHAO

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(*Teaching materials are posted on D2L*)

Office Hours: 1:30 – 4:30 pm (TW)

Text(s): Required: <https://openstax.org/details/books/chemistry-2e>
(downloadable, *free of charge*)

Preparing for Your ACS Examination in General
Chemistry, 2nd Ed. (Buy it from Chemistry Office!)

Prerequisites: Chem 1143 and credit or concurrent enrollment in Math
1233 or 1533

Grading Procedure:

4 One-hour Exams @ 100 pts each	400 (40%)
Final ACS Exam @ 200 pts	200 (20%)
9 Online-Quizzes via D2L	200 (20%)
9 Online Homework via Macmillan	200 (20%)

Grading Scale:

A: > 90%; B: 80 – 89%; C: 70 – 79 %; D: 55 – 69 %; F < 55% (of total points)

Attendance Policy:

Attendance is required for the effective studies in this course. Each one-hour exam is 80 minutes and the final ACS test is 110 minutes. The final exam will cover the content of both General Chemistry I and II. Quizzes and homework will be given online via D2L and Macmillan Achieve, respectively.

Calculators:

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 line scientific calculators are acceptable.

General Education Statement:

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

Academic Dishonesty:

Cheating on any exam, quiz or lab report will be regarded as academic dishonesty and will be subject to a final course grade of "F".

Tentative Lecture Schedule (changes may be made)

Date(s)	Chapter	Topic
Aug. 23 – 30	11	Intermolecular Forces, Liquids, and Solids
Sept. 01 – 09	12	Solutions and Colloids
Sept. 13 – 20	13	Chemical Kinetics
Sept. 22	Test-1	Chapters 11 – 13
Sept. 27 – Oct. 04	14	Chemical Equilibrium
Oct. 06 – 13	15	Acid-Base Equilibria
Oct. 18 – 25	16	Equilibria of Other Reaction Classes
Oct. 27	TEST 2	Chapters 14 – 16
Nov. 01 – 08	17	Chemical Thermodynamics
Nov. 10 – 17	18	Electrochemistry
Nov. 22 – 29	19	Nuclear Chemistry
Dec. 01	TEST 3	Chapters 17 - 19
Dec. 06	FINALS	Comprehensive ACS* Final, 1:00 – 3:00 pm (Bolin-304)

** The ACS final covers both CHEM-1143 and CHEM-1243.*

Classes begin.....	August 22, 2022
Change of Schedule or Late Registration.....	August 22-25, 2022
Labor Day Holiday - No classes.....	September 05, 2022
Deadline for December graduates to file for graduation.....	September 26, 2022
Last day to drop with a "W" – Drops after this date will receive grades of "F"	October 24, 2022
Thanksgiving Holiday	November 23-25, 2022
Classes resume.....	November 28, 2022
Last day of classes.....	December 02, 2022
Final examinations.....	December 05-08, 2022
Commencement.....	December 10, 2022

Student Resources:

https://msutexas.edu/academics/scienceandmath/student_resources.php

Campus-Carry Rules:

Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Area excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the University's webpage at <http://mwsu.edu/campus-carry/rules-policies>.