

CHEM 3305, Analytical Chemistry I
Fall 2023 (MWF 10:00 – 10:50 am)

Instructor: Dr. Jianguo Shao

Phone, Office, Email: (940)397-4463
Bolin Science Hall, 307E
jianguo.shao@msutexas.edu
All materials are posted on D2L.

Office Hours 9:00 – 11:00 am (TR); 1:00 – 3:00 pm (T)

Textbook: Fundamentals of Analytical Chemistry, 9th Ed by
Skoog, West, Holler, Crouch.

Prerequisites: CHEM 1241 and 1243

Grading Procedure:

4 One-hour Exams	400 (50 %)
10 Quizzes	200 (25 %)
Final ACS Exam	200 (25 %)

Grading Scale: Final grade will be given by combining grades of lecture and lab with 70% from lecture and 30% from lab. Grade will be assigned as follows:
A: 90-100%; **B:** 80-89%; **C:** 70-79%; **D:** 55-69%; **F:** < 55%. **Make-up for major exams will be given for excused absence only.**

Attendance:

We will fully meet in person for this course. All exams and quizzes will ONLY be given on campus. Attendance of this course is a mandatory.

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**.

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.

Tentative Lecture Schedule (changes may be made based on the teaching pace)

Date	Chapter	Homework (suggested)
Aug. 28 – Sept. 01	1, 4	Ch4 -1, 2, 4, 5, 7, 9, 12, 18, 22, 24, 30, 36
<i>Sept. 04</i>	<i>Labor Day</i>	<i>No Class</i>
Sept. 06	5	1, 3, 5, 8,12
Sept. 08 – 11	6	1, 2, 3, 5, 7, 8,10,13
Sept. 13 – 18	7	2, 4, 5,13,14,17
Sept. 20	Exam 1	Chapters 1 – 7
Sept. 22 – Oct. 02	9	1, 2, 4, 6, 8, 9, 13, 17, 20, 26, 28
Oct. 04	10	1, 7, 10(b,d)
Oct. 06	11	4, 5
Oct. 09	12	1, 2, 13, 16, 21
Oct. 11	13	2, 3, 5, 8, 10
Oct. 13	Exam 2	Chapters 9 - 13
Oct. 16 – 18	14	2, 7, 10, 17, 21, 23, 30
Oct. 20 – 23	15	2, 4, 10, 16, 19, 23, 24, 25
Oct. 25 – 27	17	1, 2, 4, 7, 14, 17, 24
Oct. 30 – Nov. 01	18, 19	Ch18 -1, 2, 3, 9, 14; Ch19 -7, 11
Nov. 03 – 06	20	2, 18, 33, 40, 47
Nov. 08	21	1, 2, 16
Nov. 10	Exam 3	Chapters 14 – 21
Nov. 13	24	1, 3, 4, 14, 15, 18, 19
Nov. 15	26	5, 17
Nov. 17 – 20	31	5, 6, 7, 12, 25
<i>Nov. 22 – 24</i>	<i>Thanksgiving</i>	<i>No class</i>
Nov. 27 – 29	32	1, 2, 3, 10, 15, 18
Dec. 01 – 06	33	1, 2, 3, 4, 5, 6, 7, 8
Dec. 08	Exam 4	Chapters 24 – 33
Dec. 13	Final Exam	ACS Test (10:30 am – 12:30 pm)

Classes begin..... August 28, 2023
 Change of Schedule or Late Registration..... August 28-31, 2023
 Labor Day Holiday - No classes..... September 04, 2023
 Deadline for December graduates to file for graduation.....September 25, 2023
 Last day to drop with a “W” – Drops after this date will receive grades of “F”October 30, 2023
 Thanksgiving HolidayNovember 22-24, 2023
 Classes resume.....November 27, 2023
 Last day of classes..... December 08, 2023
 Final examinations..... December 11-14, 2023
 Commencement..... December 16, 2023

*All students should refer to the MSU Student Handbook for university policies related student responsibilities, rights and activities.

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>.