

CHEM 3305, Analytical Chemistry I
Fall 2021 (MWF 10:00 – 10:50 am)

Instructor:	Dr. Jianguo Shao						
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Office Hours Virtually via ZOOM:	1:00 – 4:00 pm (TR) https://msutexas-edu.zoom.us/j/95110849069						
Textbook:	Fundamentals of Analytical Chemistry, 9 th Ed by Skoog, West, Holler, Crouch.						
Prerequisites:	CHEM 1241 and 1243						
Grading Procedure:	<table><tr><td>4 One-hour Exams</td><td>400 (50 %)</td></tr><tr><td>10 Quizzes</td><td>200 (25 %)</td></tr><tr><td>Final ACS Exam</td><td>200 (25 %)</td></tr></table>	4 One-hour Exams	400 (50 %)	10 Quizzes	200 (25 %)	Final ACS Exam	200 (25 %)
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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:

With the aids of Covid-vaccine, it is possible for us to fully meet in person for this course. All exams and quizzes will ONLY be given on campus. Meanwhile, all teachings will be recorded and posted via ZOOM. Therefore, if you do not feel well, you can temporarily choose to take this course online. After recovery, you are required to physically sit in the classroom.

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 (<i>suggested</i>)
Aug. 23 – 27	1, 4	Ch4 -1, 2, 4, 5, 7, 9, 12, 18, 22, 24, 30, 36
Aug. 30 – Sept. 03	5	1, 3, 5, 8,12
<i>Sept. 06</i>	<i>Labor Day</i>	<i>No Class</i>
Sept. 08 – 10	6	1, 2, 3, 5, 7, 8,10,13
Sept. 13 – 17	7	2, 4, 5,13,14,17
Sept. 20	Exam 1	Chapters 1 – 7
Sept. 22 – 29	9	1, 2, 4, 6, 8, 9, 13, 17, 20, 26, 28
Oct. 01	10	1, 7, 10(b,d)
Oct. 04	11	4, 5
Oct. 06	12	1, 2, 13, 16, 21
Oct. 08	13	2, 3, 5, 8, 10
Oct. 11	Exam 2	Chapters 9 - 13
Oct. 13 – 15	14	2, 7, 10, 17, 21, 23, 30
Oct. 18 – 20	15	2, 4, 10, 16, 19, 23, 24, 25
Oct. 22 – 25	17	1, 2, 4, 7, 14, 17, 24
Oct. 27 – 29	18, 19	Ch18 -1, 2, 3, 9, 14; Ch19 -7, 11
Nov. 01 – 03	20	2, 18, 33, 40, 47
Nov. 05	21	1, 2, 16
Nov. 08	Exam 3	Chapters 17 – 21
Nov. 10	24	1, 3, 4, 14, 15, 18, 19
Nov. 12	26	5, 17
Nov. 15 – 17	31	5, 6, 7, 12, 25
Nov. 19 – 22	32	1, 2, 3, 10, 15, 18
<i>Nov. 24 – 26</i>	<i>Thanksgiving</i>	<i>No class</i>
Nov. 29 – Dec. 01	33	1, 2, 3, 4, 5, 6, 7, 8
Dec. 03	Exam 4	Chapters 24 – 33
Dec. 08	Final Exam	ACS Test (10:30 am – 12:30 pm)

Classes begin..... August 23, 2021
 Change of Schedule or Late Registration..... August 23-26, 2021
 Labor Day Holiday - No classes..... September 06, 2021
 Deadline for December graduates to file for graduation.....September 27, 2021
 Last day to drop with a "W" – Drops after this date will receive grades of "F"October 25, 2021
 Thanksgiving HolidayNovember 24-26, 2021
 Classes resume.....November 29, 2021
 Last day of classes..... December 03, 2021
 Final examinations..... December 06-09, 2021
 Commencement..... December 11, 2021

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

Rules for COVID-19:

Due to pandemic of COVID-19, all students are strongly recommended to wear face-coverings when attending this course.

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>.