

CHEM 3603
Physical Chemistry I

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

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<https://msutexas-edu.zoom.us/j/3279133799>

The textbook is mandatory and is the Physical Chemistry, Adkins and DePaula, 11th edition by Freeman pub. A mathematics textbook is mandatory: Mathematical Methods for Physical Chemistry. Straub, University Science Books.

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

Prerequisites are completion of Math 2534 (Calculus III), MATH 2753 (Linear Algebra) or MATH3433(Differential Equations), Physics 1644 and 2644 and completion of CHEM 1143 and 1243.

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 37.5% of the total grade. There will be one ACS final examination worth 25.0 % of the total grade and eight sets of homework that will be graded for 37.5% of the total grade. Grades will be assigned as follows unless otherwise noted:

A letter grade is given for 88-100%; B for 76-87%; C for 64-75%; D for 50-63%; and an F for less than 50% 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 will be 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. Questions about the grading

of any assignment should be brought to the instructor within *one week* after the assignment is returned. 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.

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.^[1] 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.

A tutorial session for homework will be held each week on an evening available to all students schedules. This tutorial session is your only opportunity for help on homework problems.

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

[\[1\]](#) Refer to the MSU handbook for University policies about academic honesty and class attendance