

**CHEM 5200
FALL 2018**

Lecture: Tues & Thur - 9:30 AM to 10:50 AM:
Room: CHEM 252
Instructor: Martin Schwartz
Office: Rm 272
Off. Hrs: Tu-Tr 8:30 AM - 9:30 AM + 11:00 AM - 12:00 AM
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or: <http://www.chem.unt.edu/> and navigate (→Faculty→Schwartz→Classes)

I. COURSE MATERIAL

A. Text: Physical Chemistry (9th. Edition)

Atkins and de Paula - **Optional**

Student Solutions Manual: No

Note: I have prepared Homework Problems + Solutions, which will be posted on the Course Web Site

B. Chapter	Title	Approx. Starting Date (Week of)
2.	The First Law	Aug. 28
3.	The Second Law	Sept. 11
4.	Physical Transformations of Pure Substances	Oct. 2
5.	Simple Mixtures.....	Oct. 9
6.	Chemical Equilibrium	Oct. 23
21.	The Rates of Chemical Reactions	Nov. 6

II. HOMEWORK

Homework questions will be given in each Chapter Outline, which will be provided as part of the Chapter Handout. Solutions to the Homework will be posted on the course web site.

Homework will **not** be collected. However, you are **strongly encouraged** to work the homework, since problems and questions on the exams will be based upon homework and examples worked in class.

I will be happy to solve homework problems (as well as answer other questions) before or after class

III. EXAMS

A. GENERAL

1. There will be four (4) “hourly” exams. You will be given the complete 1 hr-20 min class period for each exam.

The tests will be primarily problems, but will include some multiple choice questions. Each hourly exam will count 100 points.

2. There will be a comprehensive final exam. The final will count 200 points.
3. Either the lowest of the four hourly exams **OR** one-half of the final exam will be **dropped** prior to computing your average.
4. All exams must be taken during the regularly scheduled times. Exams cannot be taken outside the scheduled time.
5. There will **not** be any makeup exams. A missed exam will count as your dropped test (excluding a **well documented** serious illness, requiring hospitalization).
6. If classes are cancelled by the University on the day of a scheduled exam, then the test is automatically scheduled for the next class lecture period.

B. TEST SCHEDULE**Exam # Date**

1 Thursday, Sept. 20

2 Thursday, Oct. 11

3 Thursday, Nov. 1

4 Thursday, Nov. 29

Final Exam Thursday, Dec. 13 8:00 AM - 10:00

Note: I have reserved Rm. 331 of the Chemistry Building for the tests so that we can allocate a bit more time than the class period for you to complete your tests.

IV. COURSE GRADING**A. CALCULATION OF AVERAGE**

Your average will be calculated as a percentage of 500 points. The average will be calculated after dropping the lower of either:

- a) The lowest of the four hourly exams.
- b) One-half of the final exam.

B. COURSE GRADES

(Based on average calculated to nearest 0.1% after dropped exam)

FEG = Final Exam Grade

A: Avg. \geq 90.0%

B: Avg. \geq 75.0%

C: Avg. \geq 60.0%

D (or F): Avg. $<$ 60.0%

V. NOTES

1. You should plan on bringing a Scientific Calculator to the exams.
2. By University regulations, a grade of "I" cannot be given as a substitute for a failing grade in a course.
3. Any student caught cheating on an examination will receive an "F" in the course and will be reported to the Dean of Students. In order to protect against potential cheating, I must request that students either refrain from wearing long-billed caps on test days or turn the bill towards the back.
4. There are no "extra credit" assignments in this course. Grades will be determined on the basis of examination scores, as detailed above.