

PHYSICAL CHEMISTRY 1420

Instructor: David H. Waldeck

Office: G-10 CSC
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Lecture: M,W,F 10:00-10:50
Recitation: T 11:00 – 11:50
Place: 150 CSC

Office hours are by appointment.

Required: *Principles of Physical Chemistry* by Kuhn, Waldeck, and Försterling (Wiley)

Recommended: *Chemistry Maths Book* by E. Steiner (Oxford U) and *Principles of Physical Chemistry Solutions Manual* by Kuhn, Waldeck, and Försterling (Wiley).

WEEK	DATE	TOPIC/READINGS
1	Aug 25, 27 & 29	14.1 to 14.3.1, 15.8, 15.1 to 15.3
2	Sept. 3 & 5	15.4,15.5,15.7
3	Sept. 8,10 & 12	15.6,15.9-15.11,16.1-16.4; 17.2
4	Sept. 15, 17, & 19	16.4-16.5; Review
<i>First In-Class Exam to be held on September 19</i>		
5	Sept. 22, 24 & 26	17.2-17.10
6	Sept. 29, Oct. 1 & 3	18.1- 18.5
7	Oct 6, 8	18.5; 19.2- 19.4
8	Oct. 13, 15 & 17	18.6, 21.2; review
<i>Second In-Class Exam to be held on October 17</i>		
9	Oct 20, 22, & 24	20.2 to 20.5, 21.2-21.6
10	Oct. 27, 29, & 31	22.2- 22.6, 23.2-23.5
11	Nov 3, 5, & 7	14.3,14.4, 24.2-24.5,
12	Nov 10, 12, & 14	24.6,24.7; Review
13	Nov. 17, 19, & 21	24.6, 24.7, 25.2, 25.3
<i>Third In-Class Exam to be held on November 21</i>		
14	Thanksgiving Break	
15	Dec. 1, 3 & 5	25.4, 28.4; review
<i>Final Exam on Monday December 8 from 8:00 to 10:00 in CSC 150</i>		

Course Grading Scheme:		In Class Exams (15% each)--	45%
		Final Exam	30%
		Homework Assignments	-- <u>25%</u>
			100%

The course will be run on an absolute grading scale and points will be allocated as described above. During the course of the semester, extra credit points will be available and opportunities for acquiring them will occur during the lectures. Please note that attendance at lectures is mandatory.

Grading Scale:

A	90% and above
A-	85% - 90%
B+	80% - 85%
B	75% - 80%
B-	70% - 75%
C+	65% - 70%
C	60% - 65%
C-	55% - 60%
Below 55% is a failing grade.	

The Homework assignments will consist of graded problem sets and computational exercises.

TA for the course is Mr. Joseph Albro (jaa177@pitt.edu) , phone 412-624-8431, G-03 CSC.