

Course Description

CH 331 Fall 2009

Professor: Dr. Stefan Franzen
Office: Dabney 321A Office hours in Dabney: Tu and W 11:00 a.m.
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Course goals: To present an introduction to essentials of physical chemistry and to outline the general physical principles that form the basic framework for other branches of chemistry ranging from biochemistry and engineering to organic and inorganic chemistry. The course emphasis will be given to chemical thermodynamics, physical and chemical equilibrium, chemical kinetics, and basics of spectroscopic methods.

Textbook: "Physical Chemistry", by Tinoco, Sauer, Wang and Puglisi

Problem sets: Problem sets will be assigned in class on a regular basis. Homeworks should be turned in after one week they are assigned. Please staple sheets in order with name, date, and assignment identification clearly printed in the upper right corner of the cover page.

Quizzes and tests: Quizzes will be given in the problem sessions.

Grading:	2 hour exams, 100 pts. each	<u>Max</u> 400
	Problem sets (ca. weekly)	200
	Quizzes	100
	Final Exam	300
	Total maximum	1000

The final letter grades will be assigned on the +/- grading scale from the distribution of total points accumulated.

Incomplete grades

and late assignments: If a student is granted with a reasonable documented excused absence according to the University policy, then the grades for the missed assignment(s) will be determined as follows: either an alternative (make-up) exam or assignment will be given and/or the total maximum of the points for the student will be decreased by the points corresponding to the missed assignment(s) and the new (decreased) number of the maximum points be used to renormalize the number of the points earned. If no reasonable excuses are given the student will not be credited with any points for the missed assignment and the total maximum number of points will not be re-normalized. **Excuses for any anticipated exam absence** must be presented no later than **one week** prior to the exam. The only exception to this policy is for documented medical emergencies.

Course prerequisites: CH 201/202; MA 241 or 242, PY 205 or PY 211

and co-requisites: CH 331P: You have to sign up for a 50 min problem session. You may attend any one of the problem sessions for CH 331 (formally CH331P). There will be four problem sessions offered each week. While no separate grade is assigned for CH 331P, any graded quizzes given there will count towards your grade in CH 331.

Academic integrity: All exams and quizzes are expected to be completed in accordance with the Code of Student Conduct adopted by the University.

It is my understanding and expectation that the student's signature on any test means that the student neither gave nor received unauthorized aid.

Students with disabilities:

Students with disabilities will be accommodated according to the University policy.

Other policies:

Talking is prohibited during lectures. Excessive shuffling while lecture is in progress is distracting for everyone. **For home works and discussions we encourage you to work in groups to promote discussion and understanding of the material.**