CHEMISTRY 430A - PHYSICAL CHEMISTRY
FALL 2011

LECTURER
Dr. Frank Devlin
Office: SSC 724
(213) 740-7554
fdevlin@usc.edu

OFFICE HOURS
W 12-1; SSC 724
(Other times by appointment)

LECTURE
MWF 11-12; HNB 100

DISCUSSION
F 2-3; SGM 601
Time and location for second discussion section to be determined.

Full attendance at all lectures and discussions is expected. You are responsible for any
announcements made in lecture and all material presented whether or not it is in the textbook.

TA's
Mikhail Vinaykin
vinaykin@usc.edu

Tyler Matossian
matossian@usc.edu

TEXTBOOK
Required:
   Wiley, ISBN 9780471215042

References:
1. "Physical Chemistry" by McQuarrie and Simon
2. "Physical Chemistry" by Atkins and de Paula

PREREQUISITES
CHEM 105AB or CHEM 115AB, CHEM 300.
MATH 225 or 226.
PHYS 151 and 152.
CHEM 322AB (may be waived by permission)

WEBSITE
http://scf.usc.edu/~chem430a

Daily reading assignments and weekly homework assignments will be posted on the class website.
Please also check the website regularly for class announcements.

COURSE COVERAGE
A major part of the course material is covered by the course notes, which are available as PDF files
on the class website. In addition, Part 1 (Thermodynamics) and Part 3 (Kinetics) of Silbey, Alberty
and Bawendi will be covered this semester.

DAILY READING
Reading assignment is assigned before each lecture on the class website under “Schedule”.
Completing the reading assignment before every lecture is a requirement for the course.

WEEKLY HOMEWORK
Homework is assigned weekly on the class website under “Assignments” and is due on Wednesday
the following week. Homework will be spot graded. It is very important that you do the assigned
homework to keep up with the course materials.

CALCULATOR
Required for exams.
An approximate letter grade will be assigned by the end of the seventh week to give you an idea of your status in the course. The letter grade you receive at mid-term is no guarantee of your final grade. There is no strict grading curve for this course.

EXAMS

There will be three 1-hour exams given during the semester. The materials covered on each exam will be announced in lecture prior to the exam. The exams will be given during regular class time or during the discussion section. Make sure you do not have a conflict with another class during the lecture time (MWF 11-12) or the discussion time (F 2-3). There are absolutely no makeup exams.

FINAL EXAM

A comprehensive two-hour final exam will be given on Wednesday, Dec. 7, 11:00 a.m. – 1:00 p.m. This is the only time the final exam may be taken. Absolutely no early or makeup final will be given.

ABSENCES

All unexcused absences from an exam will result in a zero. Individuals with excused absences will be given special consideration at the end of the semester. Absences will be excused on the basis of official university policy. To secure an excused absence, bring verification to Dr. Devlin prior to the absence, or in case of illness, immediately upon your return. All excuses will be verified.

If you have to miss more than 33% of any part of the course (lectures, homework, hour exams, or final) because of medical or other excused absences, you must take an incomplete for the course.

STUDENTS WITH DISABILITIES

Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me (or to TA) as early in the semester as possible. DSP is located in STU 301 and is open 8:30 a.m.–5:00 p.m., Monday through Friday. The phone number for DSP is (213) 740-0776.

ACADEMIC INTEGRITY

USC seeks to maintain an optimal learning environment. General principles of academic honesty include the concept of respect for the intellectual property of others, the expectation that individual work will be submitted unless otherwise allowed by an instructor, and the obligations both to protect one’s own academic work from misuse by others as well as to avoid using another’s work as one’s own. All students are expected to understand and abide by these principles. Scampus, the Student Guidebook, contains the Student Conduct Code in Section 11.00, while the recommended sanctions are located in Appendix A: http://www.usc.edu/scampus/. Students will be referred to the Office of Student Judicial Affairs and Community Standards for further review, should there be any suspicion of academic dishonesty. The Review process can be found at: http://www.usc.edu/student-affairs/SJACS/.