

Hollins University
Physical Chem. (Chem 332) /P. Chem Lab (Chem 332 L)
Course Outline and Schedule
Spring 2005

Instructor:	Dr. Bansi Kalra	Office: Dana 230 Phone: x6542
Text:	Physical Chemistry, 5 th Edition by Ira N. Levine	
Lectures:	Monday, Wednesday, Friday 9:10 am	Dana 139
Problem Session	TBA	
Laboratory:	Tuesdays 1:15 - 5:15 p.m.	Dana 229
Tests,	Three: 1-hr Tests	40%
Labs and	Three Quizzes	20%
Grades:	ACS Standardized Test in Chem. Dynamics	20%
	ACS Standardized Test in Quantum Chemistry	20%

The hour tests may be open- or closed- book and the **ACS tests will be closed book**. The ACS Tests are of 90-minute duration. The Quantum Chemistry Test will be considered as the Final Exam.

Tentative Test Schedule:

Hour Tests		Quizzes	
Quiz 1:	Feb 16	Test 1:	Feb 27
Quiz 2:	March 11	Test 2:	March 30
Quiz 3:	April 15	*Test 3:	May 4

*ACS Test (Chemical Dynamics)

#**Final Exam:** ACS Test (Quantum Chemistry): During the Final Exams Week

Assignments: To be assigned on a regular basis.

Attendance: Regular class attendance is expected. Unexcused absence from a test or an exam would lead to a grade of zero for that test/exam. Laboratory attendance and satisfactory performance in the lab as well as the submission of properly written lab reports on time is required for getting credit for the class.

Course Content:

The topics discussed will include Electrochemistry, the Kinetic- Molecular Theory and Transport Properties of gases, Ionic Conductance, Chemical Kinetics and Introductory Quantum Chemistry including an Introduction to Molecular Spectroscopy.