

Advanced Placement Chemistry Syllabus, 2011-2012

Chemistry Textbook: Stephen S. Zumdahl and Susan A. Zumdahl, *Chemistry*, 6th edition

Lecture

You are expected to bring your textbook, scientific calculator, and other appropriate class materials (paper, pen, etc.) to lecture. Class begins at 7:30 AM. At this time, you will be expected to review and discuss the homework problems with each other. Lecture begins at 7:40 AM.

On days when class isn't held (odd days), you are expected to meet from 7:30 AM – 7:45 AM to touch base with your classmates and with me about the homework.

A-periods may be scheduled throughout the year in order to stay on schedule. You are required to attend all scheduled meetings.

A significant amount of the material being covered in this course is review from honors chemistry. You are expected to bring your relevant notes to class and we will review/add to them. You should come to class having already reviewed the material, with an idea of what you want to focus on.

Laboratory Component

On days when we conduct laboratory experiments, and you are required to arrive to class at 7:20 AM.

Discussion Section

You will frequently be given practice AP questions to work on with your classmates during class.

Quizzes and Tests

You are allowed 100 minutes for exams; you may begin at 7:40 AM. Tests and quizzes are modeled after the AP Chemistry Exam. Because all quizzes and tests are based on the AP Chemistry Exam, the raw scores will generally be lower than in most of your courses. For that reason, your scores will almost universally be curved, at my discretion.

Grade Evaluation

The grade breakdown is as follows:

Homework – 2 points

I only occasionally check homework. However, you are unlikely to be successful in this class if you do not complete your homework regularly.

Labs – 10 points each

Quizzes – 10 points each

Tests – 100 points each

You will be given three exams first semester, and two exams second semester.

Final Exam – 200 points

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Course Outline:

Semester I

Chapter	Topic	New/Review
1, 2	intro	all review
3	stoichiometry	mostly review
4	stoichiometry	some new
5	gases	new
	Test	
6	thermo	new
7	atomic structure	mostly review
8	atomic structure	mostly review
9	atomic structure	new
	Test	
10	liquids and solids	new
11	properties of solutions	mostly new
	Review	
	Test	

Semester II

Chapter	Topic	New/Review
	product prediction/organic	new
12	kinetics	new
13	aqueous equilibria	new
	Test	
14	aqueous equilibria	mostly new
15	aqueous equilibria	new
16	thermo	new
17	electrochemistry	new
18	nuclear	mostly review
	Test	