

AP CHEM SYLLABUS

FIRST SEMESTER (Faster, less complicated stuff in general)

Pure review: to be covered on your own and touched upon in class as needed

- chapter 1
- sections 2.4, 2.5, 2.6
- sections 3.1-3.3, 3.7, 3.8-3.10
- sections 6.1, 6.2, 6.4 (6.5 and 6.6)

Atomic Structure unit:

- sections 2.1 - 2.3, 3.4
- chapter 23
- chapter 7
- chapter 8

Bonding unit:

- sections 2.7, 3.5, 3.6
- chapter 9
- chapter 10
- sections 22.3, 22.7

Physical States:

- chapter 5
- chapter 11

Solutions:

- sections 4.1, 4.2, 4.5
- section 6.6
- chapter 12

Kinetics:

- chapter 13

1st Semester Exam

SECOND SEMESTER (Slower, more complicated stuff in general)

Equilibrium:

- chapter 14

Acid-Base equilibria:

- sections 2.7, 4.3, 4.7
- chapter 15
- sections 16.1-16.5

Solubility Equilibria:

- section 4.2 (review)
- sections 16.6-16.11

Thermochemistry:

- sections 6.3, 6.4, 6.5, 6.6
- chapter 18

Redox and Electrochemistry:

- sections 4.4, 4.8
- chapter 19

Organic Chem (very brief):

- section 22.4
- chapter 24
- chapter 25

No 2nd Semester Exam