

**AP Chemistry  
Syllabus  
Week of September 30, 2024**

Architecture

You have to give this much to the Luftwaffe: when it knocked down our buildings it did not replace them with anything more offensive than rubble. We did that.

King Charles 3 (b. 1948). Speech, 2 Dec. 1987, at Mansion House, London.

**Schedule:**

| <i>Day</i> | <i>Date</i> | <i>Topic</i>        | <i>Reading</i> |
|------------|-------------|---------------------|----------------|
| Monday     | 9/30        | Thermochemistry     |                |
| Tuesday    | 10/1        | First Law of Thermo |                |
| Wednesday  | 10/2        | Phase Changes       |                |
| Thursday   | 10/3        | No School           |                |
| Friday     | 10/4        | Review              |                |

**Problem Sets:**

Due this Friday:

Page 216 #1, 2, 17, 18, 19, 23, 25, 31, 33, 35, 37, 39, 53, 54,

Page 216 # 61, 67, 69, 75, 76, 81, 90, 91, 95, 98, 110, 112, 114

Page AP226 1-8 and the Applying the Science Practices Questions.

For Thermo which is due much later

Page 262 # 1-4, 11, 12, 14, 21, 23, 25, 29-31, 39-41, 45, 47, 48, 53, 61-64, 89

Plus a handout called "Calorimetry" and one called "Bond Energy".

**Announcements:**

The formal lab report for the Molar Volume Lab is due on Monday. In addition I will be collecting your lab books to grade them. Make sure they are complete.

I can tell you the same thing 10,000 times but until you start to listen it is not valuable information. You must be working many extra problems beyond what I have assigned if

you are going to be successful in this class. You have extra time to prepare for the test next week.

**Next Week:**

**Schedule:**

| <i>Day</i> | <i>Date</i> | <i>Topic</i>      | <i>Reading</i> |
|------------|-------------|-------------------|----------------|
| Monday     | 10/7        | Gases Test        |                |
| Tuesday    | 10/8        | Autopsy           |                |
| Wednesday  | 10/9        | Heat of Formation |                |
| Thursday   | 10/10       | Calorimetry       |                |
| Friday     | 10/11       | ACS Lab           |                |

**Problem Sets:**

For Thermo which is due much later

Page 262 # 1-4, 11, 12, 14, 21, 23, 25, 29-31, 39-41, 45, 47, 48, 53, 61-64, 89