

Chemistry Course Syllabus

Readings

- Take notes, especially on anything in the text which is underlined or bolded
- Solve all of the On Your Own problems and check your answers to ensure understanding
- Read through all the experiments and write your lab preparations in your lab notebook (see lab notebook section)
- Keep track of any questions or areas of confusion to ask about in class

Review Questions and Practice Problems

- Answer all the questions, clearly showing your work
- Check your answers by using the solutions manual (if you have it) or the text, textbook examples, your notes, and/or by comparing to the On Your Own problems
- Keep track of any questions or areas of confusion to ask about in class

Lab Notebook

- For each of the experiments in the reading, prepare to perform them in class (though we may not have time for all of them) by recording on a fresh page of your lab notebook:
 - Your name
 - The date at which the lab will be performed (the date of the next class)
 - The title of the experiment
 - A short (about 2 sentences) statement of the purpose of the experiment
 - A list of the supplies you will need
 - A numbered list of each step of the procedure, written in your own words (you don't need to be as detailed as the book or use complete sentences, but you should be able to perform the experiment without referring to the textbook)
- Leave room in your notebook next to your lab preparations to use during class.
- During class you should record in your notebook:
 - All your observations and calculations while performing the experiment
 - An analysis/explanation of any errors that occur
 - A brief (1-2 sentence) conclusion about the experiment

Tests

- Modular tests will be taken at home and turned in
- You may use a calculator, pencil, paper, and the periodic table
- You may not use your notes, the text, help from others, or any other resources
- Make sure to show all of your work in solving the problems
- The last test will cover material from the whole year and will be taken in class

Evaluation

- You will be evaluated in this class based on the following:
 - Class participation
 - Attention
 - Respect
 - Asking and answering questions
 - Each modular test
 - The final cumulative test
 - Labs
 - Preparatory work
 - Team work and safety while performing the experiment
 - Recording during lab in your notebook

Class Schedule (subject to change)

Week	Date	Homework Due
1	9/14	None
2	9/21	Read Mod 1 through Derived Units
3	9/28	Finish reading Mod 1, answer R and P probs
4	10/5	Take Mod 1 test, read Mod 2 through Units for Measuring Heat and Energy
5	10/12	Finish reading Mod 2, answer R and P probs
6	10/19	Take Mod 2 test, read Mod 3, answer R and P probs
7	10/26	None
8	11/2	Take Mod 3 test, read Mod 4, answer R and P probs
9	11/9	Take Mod 4 test, read Mod 5 through Molecular Mass
10	11/16	Finish reading Mod 5, answer R and P probs
11	11/23	None
12	11/30	Take Mod 5 test, read Mod 6 through Using Chemical Equations When the Limiting Reactant is Identified
13	12/7	Finish reading Mod 6, answer R and P probs
14	12/14	Take Mod 6 test, read Mod 7, answer R and P probs
15	12/21	None
16	12/28	None
17	1/4	None
18	1/11	None
19	1/18	Take Mod 7 test, read Mod 8, answer R and P probs
20	1/25	Take Mod 8 test, read Mod 9 through Purely Covalent and Polar Covalent Bonds, Memorize the polyatomic ions in Table 9.1
21	2/1	Finish reading Mod 9, answer R and P probs
22	2/8	Take Mod 9 test, read Mod 10, answer R and P probs
23	2/15	Take Mod 10 test, read Mod 11 through Energy Changes That Occur When Making a Solution
24	2/22	Finish reading Mod 11, answer R and P probs
25	3/1	Take Mod 11 test, read Mod 12, answer R and P probs
26	3/8	None
27	3/15	Take Mod 12 test, read Mod 13, answer R and P problems
28	3/22	Take Mod 13 test, read Mod 14 through Rate Orders
29	3/29	Finish reading Mod 14, answer R and P probs
30	4/5	Take Mod 14 test, read Mod 15 through Le Chatelier's Principle
31	4/12	Finish reading Mod 15, answer R and P probs
32	4/19	None
33	4/26	None
34	5/3	Take Mod 15 test, read Mod 16, answer R and P probs
35	5/10	Take Mod 16 test, study for the cumulative in class final test

Mod = module**R and P probs = review and practice problems**