

Chemistry I On-Line Class Spring 2012

Instructor:

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Course Materials

Level I Chemistry Student Text
Level I Chemistry Teacher’s Manual
Level I Chemistry Lab Workbook

On-Line Classes

Lectures for each week will consist of the following:

- a recorded lecture about the chapter material that can be viewed at any time. These lectures will be approximately 10-15 minutes in length.
- a live lecture covering the history of science, how science is done, and how the discoveries can be used today. The live lectures will be given on Tuesdays at 11:00 AM Pacific Time. These lectures will be approximately 10-15 minutes in length. In addition, there will be some discussion about the lab for the week.
- a live question and answer session where students can ask about the lecture material and can discuss their lab findings. Students are encouraged to email their questions at least one day in advance. These sessions will be held on Fridays at 11:00 AM Pacific Time. These sessions will be approximately 15-25 minutes in length.

Each week you will receive an email reminder about each specific lecture. The email will contain instructions on how to connect to the site that we are using for the course. The site will be available about ten minutes before each lecture so you can log on and make sure everything is working. Each class will be recorded. You will receive an email with information on how to access the recorded classes in case you miss one or want to review material.

I encourage you to get a headphone set with an attached microphone. These are available at a variety of office supply and electronics stores for a reasonable price. The use of a microphone makes it easier for you to join in the conversation and discussion. In addition, this set-up helps cut down on unwanted echoes during the class. You will not need a web cam for this class. I use one so you will know there is an actual person talking to you, but you do not need to get one.

On-Line Etiquette

Questions and comments during class can be made using either the “chat” function or by microphone. Any use of chat or comments that are not related to the class can be distracting to everyone. Parents, please discuss this with your student ahead of time and keep an eye on the situation during class. I am also asking parents to monitor the noise

environment to decrease outside noise from other children, dogs, or other distractions. I appreciate your help in this matter.

Homework and Quizzes

You will receive weekly emails regarding the availability of homework and quizzes posted on our Quia web site. Please log in by name so you can get proper credit for your work.

A Note to Parents

I encourage you to be a part of this class. Feel free to listen in on the lectures. If your student uses their own separate email, I want to include you on the email list so you will be aware of assignments and other useful information. Please keep me posted on how things are going, such as illness, other activities that cause a student to miss class, vacations, and anything else that would be helpful as we explore this class material together.

I will be asking parents to be personally involved in the grading of labs. The teacher's manual has information about each experiment. Please look at the lab report the student turns in. If you feel the student has completed the report in a satisfactory manner, just email me and let me know. If there are questions you have, please contact me. I'm looking forward to our time together.

Dr. Calbreath ("Dr. C")

Chemistry I Lecture Schedule – Spring 2012
Live lectures are on Tuesday – Q&A sessions are on Friday
Lectures and Q&A sessions are at 11:00 AM Pacific Time

Week of	Chapter	Topic
February 1	-----	introduction to course and lab
February 8	one	Matter
February 15	two	Molecules
February 22	three	Chemical Reactions
February 29	four	Acids, Bases, and pH
March 7	five	Acid-Base Neutralization
March 14	six	Mixtures
March 21	seven	Separating Mixtures
March 28	eight	Energy Molecules
April 4	nine	Polymers
April 11	ten	Biological Polymers – Proteins and DNA

Chemistry I Laboratory Schedule – Spring 2012

Experiment	Date Assigned
1 – What is it made of?	February 8
2 – Making marshmallow molecules	February 15
3 – Identifying chemical reactions	February 22
4 – Making an acid-base indicator	February 29
5 – Vinegar and ammonia in the balance	March 7
6 – Mix it up!	March 14
7 – Black is black?	March 21
8 - Show me the starch!	March 28
9 - Goopy glue	April 4
10 – Amylase action	April 11