

## WELCOME TO CHEMISTRY 14A

As you already know the chair you sit on and the body you occupy, is made up of atoms that are linked together by bonds to form molecules which in turn make up the contents of everything. The previous sentence could also have ended "...the contents of every living cell". In order to understand how the living cell functions you need an understanding of chemistry. In order to understand chemistry you need to learn the language of chemistry and understand the physical and chemical properties of atoms and molecules.

This chemical knowledge will greatly assist you in all subsequent science courses that you will take in your 2nd, 3rd and 4th years.

Now it is up to you to empower yourself with the knowledge of Chemistry.

Your required textbook, *Chemical Principles: The Quest for Insight*, by Peter Atkins & Loretta Jones is full of helpful figures and diagrams and is a very good text.

Enjoy.

Each week you should:

- Page through the required readings to become familiar with the contents, then read through the material.
- Attend the lectures.
- Attend the discussion groups, and reread your lecture notes and the required readings making sure you understand the concepts and at the same time working through the text examples.
- Do the homework assignments.

In addition to the textbook examples you also have the required Solutions Manual which has all the odd numbered questions worked out in detail. Go through them. Remember the *Special Bonus: Each exam will include one question that will be taken from your Student's Solutions Manual. So it is very much in your interest to work through these questions.*