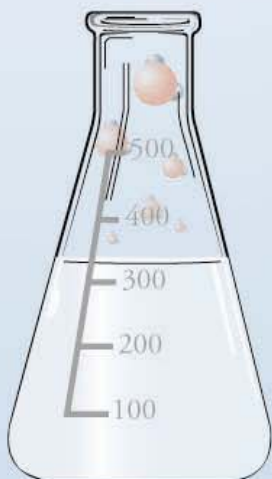


# Chemistry 1A

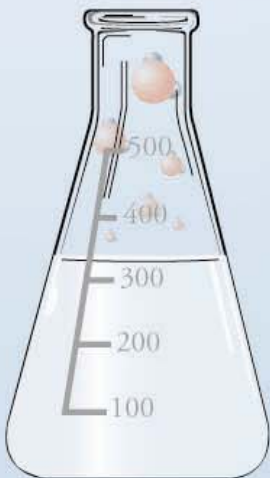
## General Chemistry I

Instructor: Mark Bishop



# Who's it for?

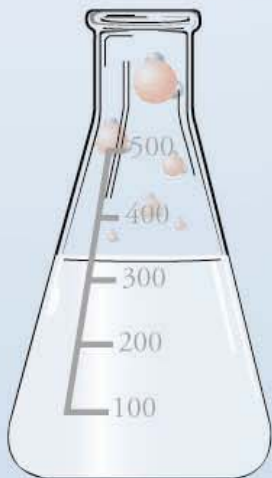
- For people moving toward majors and careers in science, engineering, medicine, dentistry, chiropractic, physical therapy, dietetics,...
- Those who have some background in chemistry...or a lot of time. (Chemistry 2 provides a preparation for this course. Chemistry 151 provides extra help.)



A series of water molecules (H<sub>2</sub>O) are arranged in a vertical line on the left side of the slide, appearing to fall from the top. Each molecule consists of one red oxygen atom and two white hydrogen atoms.

# Sources of Information

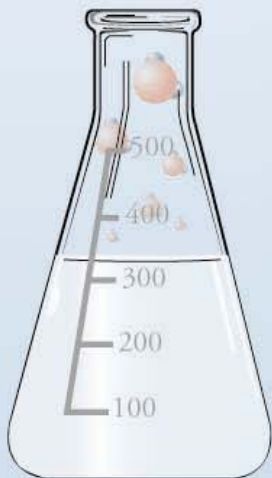
- Text – *Chemistry The Molecular Science* (Read Chapters 1 & 2)
- *Chemistry 1A Lecture Supplement, Laboratory Manual, and Worksheet Keys, Fall 2005 Edition* – Tells you what you need to be able to do (objectives), provides information that will help do it, and has worksheet keys. (Bring to class.)
- **Lecture** – clarification, examples



A vertical column of water molecules (H<sub>2</sub>O) is positioned on the left side of the slide. Each molecule consists of a large red sphere (oxygen) and two smaller black spheres (hydrogen) bonded to it. The molecules are arranged in a descending staircase pattern from the top left towards the bottom left.

# More Sources of Information

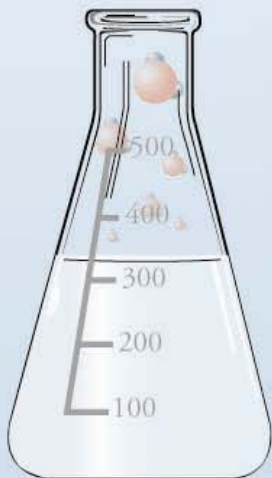
- Software – practice
- Web Site – PowerPoint slides, Glossaries, sample exams, movable molecules,...
- Chemistry 151 – extra practice, a chance to work with others, and more individual help
- Lab Experiments



A decorative vertical column of water molecules (H<sub>2</sub>O) on the left side of the slide. Each molecule consists of a large red sphere (oxygen) and two smaller black spheres (hydrogen) bonded to it. The molecules are arranged in a descending staircase pattern from the top left towards the bottom left.

# Website Highlights

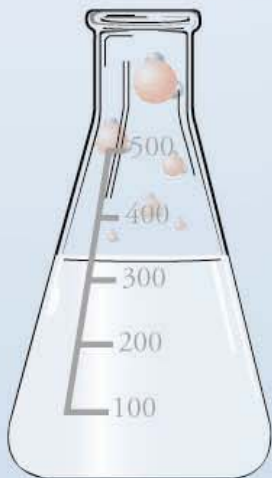
- Information sheets
- Schedule
- PowerPoint slides
- Sample Exams
- Links to other websites
- Shockwave Animations
- Exercise Keys



A vertical column of water molecules (H<sub>2</sub>O) is positioned on the left side of the slide. Each molecule consists of one large red sphere (oxygen) and two smaller black spheres (hydrogen) bonded to it. The molecules are arranged in a descending staircase pattern from the top left towards the bottom left.

# Website Highlights (cont.)

- Glossary Quizzes?
- Chime Molecules
- Possible quiz questions
- Grades
- Other Topics
- Checklists
- Students Sites
- Downloads





# Class Meetings

## Lecture

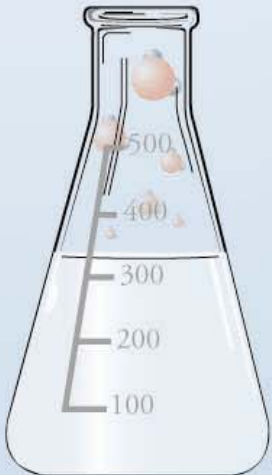
- MWF 11:10-12:00 in LF 101

## Problem Session

- either Monday 2-5 in PS 201
- or Tuesday 2-5 in PS 201

## Laboratory

- either Wednesday 2-5 in PS 201 and 204
- or Thursday 2-5 in PS 201 and 204
- or Friday 2-5 in PS 201 and 204



A vertical column of water molecules (H<sub>2</sub>O) is positioned on the left side of the slide. Each molecule consists of a large red sphere (oxygen) and two smaller black spheres (hydrogen) bonded to it. The molecules are arranged in a descending sequence from the top left towards the bottom left.

# Where and When to Find Me

**Office** PS 208-D

**Office Phone** 646-4156

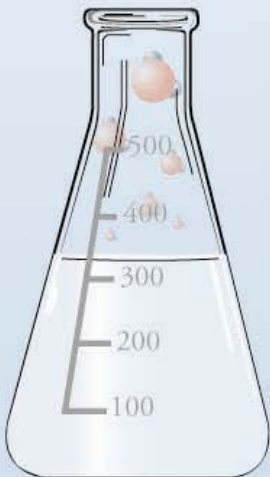
**Office Hours**

- MWF 10-11 AM
- MW 1-2 AM

**Email** bishopmark@comcast.net

**Web Site**

[http://www.mpcfacylty.net/mark\\_bishop/](http://www.mpcfacylty.net/mark_bishop/)



A vertical column of water molecules (H<sub>2</sub>O) is shown on the left side of the slide. Each molecule consists of one red oxygen atom and two smaller black hydrogen atoms. The molecules are arranged in a descending staircase pattern from the top left towards the bottom left.

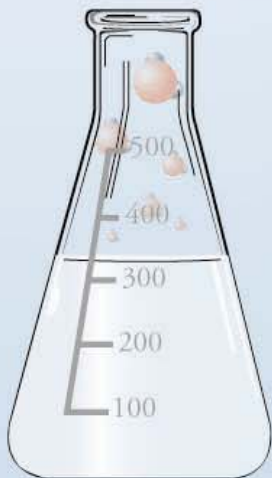
# Books and Equipment

- **Books**

- *Chemistry The Molecular Science* by Moore, Stanitski, & Jurs
- *Chemistry 1A Booklet* by Mark Bishop

- **Equipment**

- Safety Goggles
- Scientific Calculator (Bring to problem sessions and lab.)



A series of water molecules, each consisting of one red oxygen atom and two black hydrogen atoms, are shown falling from the top left towards a flask at the bottom left. The molecules are arranged in a descending staircase pattern.

# Grading

**A** 90-100%

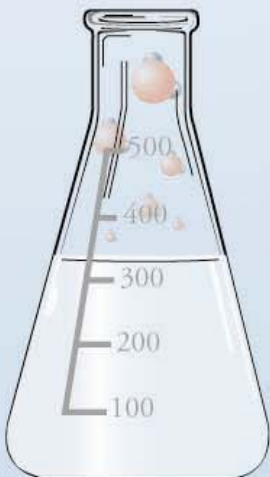
**B** 75-90%

**C** 60-75%

**D** 50-60%

**F** < 50%

**credit/no credit** available



# Grounds for Being Dropped

- failure to complete two exams
- failure to attend (and failure to make up) any three laboratory sessions that include experiments

