Chemistry 201A JiTL #1  (internet+computer is needed for the 2\textsuperscript{nd} part of this assignment)

Read “Policies and Procedures” for turning in HW, attached to your syllabus

Note: Class starts promptly at 30 min past the hour. This means you should have any assignments turned in, and that you are seated and ready to learn when class starts. Please plan ahead for traffic and parking delays, which are common in the first weeks of a semester at Cuesta College. Parking in the morning can take up to 20-30 minutes.

Note #2: If you accidentally arrive to campus early, it will not be frowned upon if you begin reading ahead in your text, study the previous day’s notes, or discuss chemistry topics with friends outside the classroom.

Note #3: JiTL stands for Just in Time Learning. This is a device for you to know what is coming up in a lecture, and learning a bit about a topic on your own. This will often be announced and posted one class period before they are due. The assignments will be collected at random. This JiTL is longer than most JiTLs, and may take about an hour.

The assignment: The 1\textsuperscript{st} and 2\textsuperscript{nd} chapters of the text are posted online.

Answer questions 1-4 for yourself (do not turn in). Follow the directions for item #5.
1. Read the 4 links on the Chem 201A website regarding success in college and chemistry.
   a. What are two tips for success that will be natural and easy for you to accomplish?
   b. What are two tips for success that will be challenging for you, but that you feel you should make a serious effort to accomplish? How can you remind yourself to do these things?
   c. What can you do before each class period to help you take better notes (and ask good questions)?
   d. What transition is important for new college students to make quickly in their first semester?
   e. How many hours a week should a student with 15 units expect to spend outside of class studying, reading and working problems?. Are you willing to do what it takes to be successful?
2. Read sections 1.1, 1.2 and 1.3 of the text. See the “optional” note at the bottom of this page. In class on Wednesday, we will work through examples of classification of matter, so it will be VERY useful to bring notes on section 1.3.
3. Find the end of chapter problems, and the answers to the end of chapter problems in the back of the book. (do not do the problems!)
4. If math isn’t your thing, or you’re rusty in algebra, review your Math Skills with the link at the bottom of Chem 201A web site.
5. Read and complete the Significant Figures assignment, and turn in the 4\textsuperscript{th} page. This is the only page that will be turned in.

OPTIONAL
Reading techniques. One way to get more out of reading a text book is to use the SQR3 method. It goes like this:
   a. Start with the “What’s Ahead” to get an overview of the chapter.
   b. Read the section headings. Turn each section heading into a question. See below**
   c. Read through the chapter. Don’t neglect the chapter summary at the end.
   d. Go back and answer your questions (part b). Look at the text only to confirm answers.

More information about reading strategies is on the 201A website.

**For example, the first section of a history book might be titled “The Voyage of Columbus.” Good questions might be “Why did Columbus go on a voyage?” or “What did Columbus accomplish on his voyage.” A question of “Where did Columbus go on his voyage” would not be a challenging question to answer or effective for studying.