**CHE 1031: Module 1 ‘reading quiz’**

*Please read through the lecture for Module 1 and answer these questions.*

**1.1: Chemistry in context**

1. How old is the science of chemistry?
2. Give examples of three common items or products made with ancient chemistry.
3. How many elements did the ancient Greeks think made up our world?
4. What were the big goals of alchemists?
5. What society preserved scientific knowledge during the dark ages and developed experimentation?
6. What two critical elements of science did the West rediscover during the Enlightenment?
7. Is chemistry really the central science?
8. What do you think is the most significant difference between science and engineering?

**1.2: Phases and classification of matter**

1. Looking at the definition of matter, describe one thing in the room you are in that *is not matter.*
2. Looking at the images on the first slide, how would you define these terms?

(a) Macroscopic

(b) Microscopic

(c) Symbolic

1. Water molecules appear to be more dense (or abundant) in liquid water than in solid ice. Is that the case for most substances?
2. In which physical state is matter most ordered?
3. In which physical state is energy highest? lowest?
4. And: Try problems 1 and 2 on the last page of the slide set!