Workshop for Writing Lab Reports (CHY 124)

After performing several lab experiments, you will have an opportunity to attend a workshop for writing lab reports to discuss a graded lab report on Gas Laws: Determination of Gas Constant R and a draft lab report on Phase Changes of Water. Your participation is required at this session and it will become part of your lab grade. A post lab assignment is also required.

I. Your pre-lab assignment for this lab is to:

(a) bring a copy of your graded lab report for Gas Laws: Determination of Gas Constant R (if your TA has not sent this back to you - please bring a copy of your originally submitted report), and

(b) bring a draft of your lab report on Phase Changes of Water.

II. During the workshop your lab instructor will give you the opportunity to discuss your lab reports with your classmates:

a. Gas Laws: Determination of Gas Constant R lab report. You have the opportunity to resubmit your report for a re-grade. To think about how you might improve your lab report, in the workshop, please discuss at your table how you went about constructing your lab report:
   - What evidence (data) did you include?
   - How was this evidence presented?
   - Did you reference any outside sources? Was there any error associated with this data?
   - What sort of analysis did you use to make sense of your data?
   - What were some sources of error in your experiment?
   - What claims were you able to make?

Your table will be asked to report out and you will have the opportunity to ask questions about grading and re-grading. Your revised lab can be submitted up to three days after your lab session.

b. Phase Changes of Water lab report is due the lab session after the workshop. You will be asked to describe your progress in writing your lab report:
   - What evidence (data) did you include?
   - How was this evidence presented?
   - Did you reference any outside sources? Was there any error associated with this data?
   - What sort of analysis did you use to make sense of your data?
   - What were some sources of error in your experiment?
   - What claims were you able to make?

C. Your lab instructor will also answer any remaining questions about grading at this workshop.
III. Post Lab questions. **Please submit your answers on ICN (InterChemNet: like you would a lab report or safety quiz) to the following questions.** Your prelab assignment, participation in the workshop, as well as your answers to the questions below will earn you your lab grade for this week.

1. Did the workshop help clarify any of your expectations for writing lab reports? Please explain.

2. Do you have any remaining questions about lab reports? Please try to be specific.

3. During the discussions with your classmates about lab reports, did you find any of this information useful or interesting? Please explain.

4. How confident are you now that you understand all of the expectations for submitting an excellent lab reports? Please explain.