

Writing Pre-lab Outlines – Chem 30B

For each experiment, you will be writing a brief pre-lab write-up. First, read through the experiment, including the introductory explanations and the procedure. Then, on a separate piece of paper, write a brief outline/summary of the lab. There's no need to write more than one page.

Include the following:

- The purpose of the lab – what are we determining?
- What general steps will we follow in the procedure?
- Make sure to summarize – don't include all of the details.
- Make sure to write it in your own words. Do not copy sentences or phrases from the lab manual or from another student.
- Your English grammar does not have to be perfect, but please make sure your summary/outline is clear and understandable.
- You may write it by hand or word-process it, your choice. Make sure it is legible and easy to read.
- Don't spend a huge amount of time on this...the point is to get students to actually read the experiment before starting it!
- Prelab outlines are due at 1:00 pm on the day that we do the experiment.
- Prelab outlines are worth 3 points of a 20-point lab. If your prelab outline isn't turned in before the experiment, it is not serving its purpose (which is to prepare you for the experiment ahead of time), so it gets zero points.

Laboratory Safety Practices – Chem 30B

As you know from watching the laboratory safety video, it's very important to follow the safety guidelines in lab anytime we are using chemicals. You should make sure you are complying with all of these rules all of the time.

Things to make sure you do:

- Wear safety goggles at all times when anyone is working with chemicals. Keep your goggles on your eyes, not your forehead! Keep your goggles on even after you are done with your experiment, until everyone in the room is finished working with chemicals.
- No food, drink, or smoking in lab, even when we're not working with chemicals. We have to assume that all lab surfaces are contaminated with chemicals.
- No food or drink containers in the lab, including closed water bottles. If you have any food or drink containers, keep them closed up in your backpack. If this is impossible, we can keep them in my office temporarily.

- Wear shoes that completely cover your feet and clothing that completely covers your legs, ankles, and the front of your torso. Please, no exposed skin below the waist. (Reason: the lab benches are at stomach-height for most people, and if there is a chemical spill it will usually go down, not up.)
- Write data onto report sheets as measurements are made. Do not write your measurements or observations on scraps of paper.

Point deductions if you do not follow the rules:

- Each time I have to remind you to put on your safety goggles, -2 points on the lab report score for that day.
- Each time I see food or drink containers in lab, -2 points on the lab score for that day.
- Each time you wear open shoes or clothing that doesn't cover your legs, ankles, and torso, -2 points on the lab score for that day.
- Each time you write your data anywhere other than on your lab report sheet, -2 points on the lab score for that day.