

Chem30A Lab

Instructor: Amanda Norick
See lecture syllabus for more details.

The lab is where chemistry comes alive!

Materials:

- Safety goggles or visor-goggles
- Laboratory Manual for Chemistry 30A available in the bookstore
- Calculator

Safety:

Frequently study all safety materials. You will be quizzed throughout the quarter on safety. Always follow safety rules while in the lab.

Quizzes:

Lab quizzes will not be announced in advance. Five to ten minute quizzes will be given frequently before the lab session begins. The quizzes may cover topics from the most recent lab session or from the current lab session (the lab to be performed). Lab quizzes may also cover safety topics. One quiz will be dropped from your overall grade. If you miss a quiz it will be your one dropped score. **Make-up quizzes will not be allowed under any circumstances.**

Attendance:

You need to attend every lab session. The labs are meant to reinforce lecture topics. One lab score (and quiz score) will be dropped from your overall lab grade. If you miss one lab (and/or lab quiz) it will be your drop lab (and/or lab quiz). If you miss additional labs (and/or lab quizzes) they will count as zeros. Since lab is an integral part of chemistry, you must pass the lab portion of this course with 70% or higher in order to pass Chemistry 30A. Since lab is worth a total of 250 points, this means that all students in Chemistry 30A must earn at least 175 points out of the 250 points designated for lab. It is departmental policy to fail any student who fails the lab portion of a chemistry course at Foothill College.

Please remember that any student that misses lab check in during the first week or lab experiment 1 (Measurement and Temperature) during the second week of classes will be dropped from the roster. NO EXCEPTIONS! It is also important that you are on-time for lab so that you do not miss quizzes and prelab lectures. Attendance and punctuality to lab sessions will be reflected in your 5% evaluation score.

Any students who arrive 10+ minutes past the lab start time will not be allowed to participate in that lab session.

Prelabs:

You are responsible for reading the lab in advance. You must bring a prelab to every lab session in which a lab will be performed. The prelab must contain two or three sentences stating the purpose of the lab to be performed. The prelab must also contain answers to prelab assignments from the lab manual. You will be responsible for turning this in at the beginning of the prelab session and obtaining it from me at the end of the lab session. I will return the prelab only after approving all of the lab data. Find a safe place to keep each prelab as they must be turned in with the appropriate lab report, usually the following week.

Lab Reports:

You have a full week to complete the questions/problems accompanying a lab report unless specified otherwise. Reports are due at the beginning of the lab session. You can NEVER turn in a lab report for a lab that you were absent from. This is academic dishonesty, and it will be reported to the Dean of Student Affairs.

Grading:

Your lab grade will be based on quiz grades and lab reports. Please refer to your course syllabus for more details.

Lab Etiquette:

- Following basic laboratory etiquette will help you to achieve a higher evaluation score.
- You must follow directions in the lab. This includes always being cognizant of safety and following all safety guidelines. An unwillingness to follow directions puts others at risk for injury.
- Always wear your goggles in the lab, even when you are cleaning up at the end of a lab session.
- Never use your phone during lab. No exceptions!
- Never leave an experiment unattended. You may leave for a maximum of 5 minutes during a lab period (for a restroom break, quick drink, breath of fresh air, etc...), but ONLY if another student is willing and able to watch over your reaction while you are gone.

Stockroom:

You must pay a \$20 deposit to the lab stockroom by the third week of class (the third lab meeting). This money will cover the cost of broken or lost items. If you do not break or lose any items you will be fully refunded at the end of the quarter. The deposit can be paid in cash or check, but the stockroom will require cash if you owe money at the end of the quarter. Please note that if you do not pay by the end of the third week then I will drop you from the role sheet and I will not continue grading your work. Also, if you do not pay money owed to the stockroom at the end of the quarter I will not grade your final exam. This could seriously affect your grade in this class. **If you decide to drop this class before the end of the quarter you will need to come to the regularly scheduled lab time and check out of your lab drawer in order to get your refund back from the stockroom. Refunds will NOT be issued after the last lab meeting of the quarter.**