



Chemistry 1220 Pre-lab and Post-lab Assignments

These pre-lab and post-lab assignments are part of your lab grade. The pre-labs are on line and the links are in the Laboratory module on Carmen or the links below. They are due **before** the start of lab each week. The post-lab (marked Carmen below) is done on Carmen and is due one week from the time you finish your experiment (before you come to your next lab). You should prepare for each lab by reading the experiment, preparing your notebook and doing the pre-lab. **Carmen will not allow pre-labs to be submitted after the start of your lab period. Pre-labs which are completed on an external site (Online[#] below) will receive zero credit if submitted after your lab period begins. You can use the link listed below if for some reason you can't reach Carmen and for the online data entry for experiment dTf.**

<i>Expt</i>	<i>Title</i>	<i>Pre-lab</i>	<i>Post-lab</i>	<i>Points*</i>
CKIN & ZER	Check In: Introduction to the General Chemistry Laboratory	Online[#]	Manual Pages turned in before leaving lab	25
SOL	Variation of Solubility with Temperature & Solvent	Online[#]	Carmen ⁺ & Report	100
dTf	Freezing Point Depression	Online[#]	Online[#] , Carmen ⁺ & Report	100
BAR	The Kinetics of the Bleaching of Allura Red Dye	Online[#]	Carmen ⁺ & Report	100
CLK	Exploring the Effect of Temperature on Reaction Rate	Online[#]	Carmen ⁺ & Report	100
LCP	Le Châtelier's Principle	Online[#]	Carmen ⁺ & Report	100
SAL	Investigation of the Acid-Base Properties of Salt Solutions	Online[#]	Carmen ⁺ & Report	100
SST	Strong Acid & Strong Base Titration	Online[#]	Carmen ⁺ & Report	100
WST	Weak Acid & Strong Base Titration	Online[#]	Carmen ⁺ & Report	100
NPL	Lab Practical	Carmen ⁺	In-lab analysis & Report	150
VOL	An Exploration of Voltaic and Electrolytic Cells	Online[#]	Carmen ⁺ & Report	100
FCO	Finish and Check-out	---	---	25

* Total lab points of 1100 (9 labs, lab practical, ZER/CKIN, & FCO) are factored to comprise 20% of the course total.

<https://uglabs.cbc.osu.edu/1220/> --- General Chemistry 1220 Lab website

+ post-lab on Carmen

LABORATORY GRADES: Each lab is worth the points indicated in the table above. The points are from the online pre-labs and post-lab exercises, the performance and notebook scores and the report scores, including unknown scores. A detailed point breakdown may be found on the grading rubric, which can be found on Carmen. **A minimum of 50% of the total lab points (550/1100) are necessary for a passing grade in the course.**

Any requests for re-grading must be made within 1 week of the receipt of a graded lab report, quiz or exam.

For more information about lab notebooks and reports see the lab manual and the following link:

<https://uglabs.cbc.osu.edu/1220/> - General Chemistry 1220 Lab website (access lab materials from here)