

**Chemistry 1210 Pre-lab and Post-lab Assignments**

These pre-lab and post-lab assignments are part of your lab grade. The pre-labs are online 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 experiments PbI and QUL.**

<i>Expt</i>	<i>Title</i>	<i>Pre-lab</i>	<i>Post-lab</i>	<i>Points*</i>
ZRO	Introduction to the General Chemistry Laboratory	Online[#]	Manual Pages turned in before leaving lab	25
CPC	Chemical and Physical Changes	Online[#]	Carmen ⁺ & Quiz [†]	100
SCM	Scientific Measurements	Online[#]	Carmen ⁺ & Report	100
PbI	Synthesis and Purification of Lead Iodide	Online[#]	Carmen ⁺ , Report & Online[#]	100
CYC	Investigation of a Cooper Cycle	Online[#]	Carmen ⁺ & Quiz [†]	100
LLT	Quantitative Analysis of the Citric Acid Content in Juices	Online[#]	Carmen ⁺ & Report	100
IHT	Investigating Heat Transfer and Calorimetry	Online[#]	Carmen ⁺ & Report	100
EMS	Emission of Light and Atomic Models	Online[#]	Carmen ⁺ & Quiz [†]	100
QUL	Qualitative Determination of Selected Metal Cations	Online[#]	Carmen ⁺ , Report & Online[#]	100
MGB	Molecular Geometry, Bonding and Polarity	Online[#]	Quiz [†]	100
GAS	Exploring the Gas Laws with Alka-Seltzer	Online[#]	Carmen ⁺ & Quiz [†]	100
FCO	Finish and Check-out	---	---	25

* Total lab points of 1050 (9 expts, ZRO & FCO) are factored to comprise 20% of the course total.

<https://uglabs.cbc.osu.edu/1210/> --- General Chemistry 1210 Lab website (can also be reached from Carmen)

+ post-lab on Carmen

† Report quiz on Carmen rather than a report.

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 (525/1050) 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/1210/> - General Chemistry 1210 Lab website (access lab materials from here)