

Chemistry 103L: General Chemistry I Lab

Lab Sections

Day	Time	Section Instructor	Instructor Email	Office
Wednesday	12 – 3	C. Kumas	ckumas@wm.edu	ISC 1285
Wednesday	3 – 6	J. Bedford	jtbedford@wm.edu	ISC 1050
Thursday	8 – 11	L. Landino	lmland@wm.edu	ISC 1283
Thursday	11 – 2	J. Walk	jtwal2@wm.edu	ISC 1056
Thursday	2 – 5	J. Bedford	jtbedford@wm.edu	ISC 1050

Senior Lab Specialist: Der-Hong Shieh, ISC 1053, dxshie@wm.edu

Add/Drop: Monday, September 12th

Withdrawal: Monday, October 31st

Grading: 5% – Mandatory Safety Training
55% – Weekly Experiment
15% – Lab Quizzes
25% – Final Exam

Things to Do Immediately

- 1) Complete Mandatory Safety Training (Due Wednesday, September 7th at 10 AM).
Note: Failure to complete safety training will preclude entrance to the laboratory. Entrance will not be granted until the safety training is completed.
- 2) Purchase Goggles (Due Before Arriving To Lab).

Weekly Schedule

Before Lab – Print lab manuscript and report sheet. Failure to do so will result in a 10% penalty.

By Wednesday, 10 AM – Complete Pre-Lab Discussion Quiz on Blackboard with a **perfect** score. You may take the quiz as many times as necessary to achieve a **perfect** score.

There are no extensions of this deadline. Each quiz will be available by the previous Friday at the latest. If you do not meet the deadline, you may still complete the lab as long as you complete the quiz late with a **perfect** score and inform Mrs. Shieh at least an hour ahead of your scheduled lab. You will receive a 20% penalty for that experiment.

Come to Lab – You must attend the section of lab for which you are registered. Any student arriving more than 10 minutes late will not be permitted to complete the experiment.

Perform the experiment, complete your report sheet, and turn in your report sheet to the TA.

Absence Policy

Note: There are no makeup labs or assignments, our laboratories are in constant use.

One absence – Weight of experiment is added to the final exam

Two absences – Weight of one experiment is added to the final exam, a score of zero is given for the other missed experiment

Three absences – Weight of one experiment is added to the final exam, a score of zero is given for the other two missed experiments

Four absences – Failing grade for the course

Dates	#	Experiment	Assessment
Due Sep 7		Mandatory Safety Training	Safety Quiz
Sep 7 – 8	1	Measurements and Analysis	
Sep 14 – 15	2	Calibration of a Pipette	
Sep 21 – 22	3	Avogadro's Number	
Sep 28 – 29	4	Absorption Spectrophotometry	Quiz 1
Oct 5 – 6	5	Neutralization Titrations	
Oct 12 – 13		<i>Fall Break – No Lab</i>	
Oct 19 – 20	6	Mass Relationships in Chemical	
Oct 26 – 27	7	Redox Titrations	Quiz 2
Nov 2 – 3	8	Enthalpy Measurements and Hess's Law	
Nov 9 – 10	9	Some Properties of a Gas	
Nov 16 – 17	10	Molar Volume of a Gas	Quiz 3
Nov 23 – 24		<i>Thanksgiving – No Lab</i>	
Nov 30 – Dec 1	11	Equilibrium	
Dec 7 – 8			Final Exam