

Chem 1211K Honors Lab - Fall 2016

Instructor: Dr. Spencer Slattery
Phone: 678-839-6016
Office Hours: TR (3:30 - 5:00); Wed (10:00 -5:00)

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Objectives: To apply the knowledge obtained in Chem 1211 lecture to problem solving in the laboratory. To develop good laboratory techniques; work safely; take data carefully; record relevant observation, and use time effectively.

Tardiness / Missed Lab: Lab attendance is mandatory. Unexcused absences will result in a grade of zero. No make-up labs will be permitted. At the beginning of each laboratory we will discuss the laboratory. You must be present. Lateness will be penalized by deduction from the grade for that lab.

Reports: Laboratory reports are due **before** the next lab period. Each student will write a lab report. A sample lab report is available at <http://chemlabs.uoregon.edu/Classes/Exton/Misc/samplepostlab.pdf>.

Academic Misconduct: Honesty in reporting results is one of the essential characteristics of your laboratory work. Little of your grade depends on getting "good" quantitative results. You will be more severely penalized for misrepresenting results than for honestly reporting "poor" results. You may discuss the lab results with other students, but copying lab reports (any part) shall be considered academic misconduct, and as a result, will be penalized to the fullest extent possible.

Grades >90%: A; 80 - 89%: B; 70 - 79%: C; 60 - 69%: D; <60%: F

Learning Outcomes

1. To communicate chemistry with clarity. Attainment of this learning outcome will be reflected by the students' abilities to:
 - Follow oral and written instructions to successfully complete laboratory assignments.
 - Work with other students in assigned group projects.
 - Write formal laboratory reports as chemists write.
2. Use appropriate scientific tools and instruments to acquire data, process information, and communicate results.

Final note: This is a QEP Course. Clear written communication is important in all disciplines, and increasingly employers are expecting college graduates to be good writers. That's one reason why UWG is focusing on improving undergraduate student writing across the core. When you hear about the QEP—UWG's Quality Enhancement Plan—know that what your peers and professors are talking about is WRITING, because we are committed to giving you opportunities across your core curriculum to improve the quality of your writing. Want to know more? Visit the QEP website at <http://www.westga.edu/qep/>