

# General Chemistry I LAB Syllabus - Spring, 2012

## CHEM 1101 B

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**Course Description:** CHEM 1101, General Chemistry I, Laboratory (1). Coreq., CHEM 1100. Experiments to accompany lecture topics in CHEM 1100.

**Web site:** www.getnickt.com site contains prelab information for each experiment and MUST be read before coming to lab each day. Click on the lab notes link under CHEM1100.

**Text:** *A Laboratory Manual for General Chemistry I, 5<sup>th</sup> ed., by Arnold, Mahaffy, Rawlings, Richardson, and Thomas.* Safety goggles must be obtained by the student. A list of experiments can be found on the course timetable.

**Course Objectives:** The laboratory component of the course is designed to provide students with the opportunity to learn basic laboratory skills. Lab meets for the first time during week 2.

**Grading:** The laboratory grade will be based on the average grade of nine written laboratory reports (the lowest of ten being dropped). If a lab is missed FOR ANY REASON, it will automatically be the dropped lab. It will not be possible to make up any other missed labs, and a grade of zero will be given for other missed labs.

**Completed lab reports will be due the following lab period.** Late labs will lose 1 point per day, no exceptions. Lab reports are to be written neatly, or they will be returned ungraded. Students will work in groups of TWO, but each student will record his or her own data, and **write up reports individually**. Each student needs to purchase a copy of the lab manual. **Failure to hand in one or more labs will significantly affect your overall course letter grade.** Retain your graded labs until the end of the semester.

NOTE: University regulations prohibit grades being given out by telephone or by electronic mail. Overall course grades will be based of the following scale: A = 90-100%; B = 80-89%; C = 65-79%; D = 50-64%; F < 50%

**Attendance:** Lab begins at 12:45 pm on Mondays in room 305G. Students have an obligation to attend laboratory sessions ON TIME.

**Registration:** All students must officially register. Contact the registrar's office if you have any doubts concerning your registration status.

**Special Needs:** Students with disabilities who require special attention should contact the instructor during an office hour in the first week of the semester. AUM attempts to make reasonable accommodations to meet the special needs of its disabled students.

**Assistance:** Office hours will be posted on the instructor's office door. Additional appointments may be made with the instructor. The Instructional Support Lab (203G) can provide tutoring.

**Learning Outcomes:** After completion of this course, students will be able to analyze:

1. *Methods to safely conduct basic chemical experiments in a modern laboratory*
2. *The handling and use of routine laboratory equipment, glassware and chemicals*
3. *Techniques for making accurate chemical measurements*

