

Syllabus, Chemistry 109, Spring 2000

Instructor Information

Instructor name: Dr. Thomas Junk

Rooms of class: CNSB 100/23X

Time of class: 6:00-6:50 p.m. / 7:00-9:00 p.m. Tu

Instructor's office: CNSB 112

Office hours: 9:00 -11.00 a.m. WF

Office phone: 342-1830

Instructor's e-mail: chjunk@alpha.ulm.edu

My schedule	Mo	Tu	We	Th	Fr
8:00-8:50 a.m.	532-01		532-01		532-01
9:00-11:00 a.m.			Office Hr		Office Hr
11:00-11:50 a.m.	303-02		303-02		303-02
2:00-5:00 p.m.					305-03
4:00-5:00 p.m.	303 Review*		532 Review*		
6:00-9:00 p.m.		109-01			

* No reviews held during the first week of classes. Location for review sessions TBA.

Content

A companion laboratory course to the Chem 107 lecture course

Goals

Objectives: To learn and develop laboratory techniques which demonstrate principles introduced in Chemistry 107 lecture.

Schedule

Jan 18	Sign-up, discuss requirements
Jan 25	Safety Lecture, Check-in
Feb 1	Introductory Exercise, Quiz 1
Feb 8	Oxygen (Experiment 1), Quiz 2
Feb 15	Hydrogen, Quiz 3
Feb 22	Preparation of NaCl Quiz 4
Feb 29	Law of Definite Proportions, Quiz 5
Mar 14	Hydrates, Quiz 6
Mar 21	Gas Laws, Quiz 7
Mar 28	Molecular Weight of O ₂ , Quiz 8
Apr 4	Valence of Mg, Quiz 9
Apr 11	Acid-Base Titration, Quiz 10
Apr 18	Antacids (Experiment 10), Quiz 11
Apr 25	Final Exam and checkout (also, make-up exam)

Requirements

Prerequisites: You must be enrolled in , or have passed, Chem 107. Do **NOT** attempt to take this class if you do not meet this requirement.

Text: Chemistry 109 Lab Manual. Other required material: eye protection.

Attendance policies: ULM policy mandates your attendance, and mandates that I verify your attendance.

Office hours: Office hours are intended to discuss problems with your schedule, allow you to see your quizzes, etc. See schedule above.

Methods of Evaluation

Tests, quizzes: On every day of an experiment, there will be a quiz (worth 10 points) pertaining both to the experiment of that day and the pre-lab from the previous week. The experiment itself is worth a further 10 points, making each day worth 20 points. The final will be a one hour comprehensive test worth 80 points, making a grand total of $20 \times 11 + 80 = 300$ points available. A make-up test worth 20 points will be given at the end of the semester for any student with an excused absence (“excused” requires authentic documentation).

Readings: You are expected to read the corresponding chapters in the lab manual in advance.

<u>Grading system:</u>	90.0 - 100%	A
	80.0 - 89.9%	B
	70.0 - 79.9%	C
	60.0 - 69.9%	D
	0.00 - 59.9%	F

There will be no dropped quizzes and no curving.

Make-up policy: A make-up test worth 100 points will be given at the end of the semester for any student with an excused absence (“excused” requires authentic documentation)..

Cheating: You will get zero points on the quiz/exam. This will happen to you even if you are a cooperating “benefactor”, it is in your interest not to cooperate.

Posting of grades and answer keys: Results will be posted next to my door, according to randomly generated ID numbers assigned to you in the beginning of this lab. Please make sure you remember your ID - it is NOT related to your SSN and was uniquely created for this class only. If you want to change your ID at any time see me in my office and I will assign you a new ID. Copies of answer keys can be purchased in the chemistry office for a nominal fee. I strongly recommend that you collect and retain older answer keys, which you may need again to study for your final. This will protect you and us from the usual last-minute rush for answer keys to previous quizzes.

Come prepared next time, comply with the dress code, bring a lab manual and eye protection!