

Course Title: College Chemistry Lab 103L 30
Term: Spring 2002
Time: Saturday 800 - 1210
Location: Chaminade Main Campus Henry Hall
Instructor: Ada Tomosada

Lab Manual:

There is no lab manual. Handouts will be provided by the instructor.

Objectives:

Together with Chemistry 103 lecture section, the lab section is designed to enhance your understanding of scientific methods and concepts. Experimental work brings a practical understanding of chemistry and hands-on experience in *different* techniques.

Safety Requirements:

Students are required to practice safety precautions such as wearing safety glasses while performing experiments. Also covered shoes are required, and long pants is recommended. Hair must be tied back away from the face. It is suggested that the student wear very casual attire since clothing is easily soiled during laboratory work.

Only registered students will be allowed in the laboratory.

Grading:

There will be ten experiments performed and therefore ten lab reports to be handed in. (Lab reports are to be handed in on the following lab meeting.) A quiz will be given at the beginning of each lab session starting on the second lab meeting. This quiz will cover the experiment done the previous week. A final exam will be given on the last lab meeting covering all material.

Grading breakdown is as follows: 40% lab participation and reports, 25% lab quizzes, 15% attitude (following safety requirements, etc.), 20% final exam. Make-up labs will be offered with valid excuse.

Tentative Lab Schedule:

	Introduction to Measurements
Week 2	A Graphic Experience
Week 3	Empirical Formula
Week 4	Stoichiometry
Week 5	Conservation of Matter
Week 6	Spectrophotometry
Week 7	Physical and Chemical Properties
Week 8	Preparation of Soap
Week 9	Acid - Base Titration
Week 10	Final Exam

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