

CHAMINADE UNIVERSITY OF HONOLULU
CH 203L^{01, 0, 03}
General & Analytical Chemistry I

Fall 1999

Instructor: Janet Jensen

Office: HH 24 Phone: 735-4811

email: jensenc001@hawaii.rr.com

Office hours: M, W, Th 12-1 or by appointment

M It-1 2

Lab sections:

01	M 2-4:50 PM	HH 44
02	W 2-4:50 PM	HH 44
03	Th 2-4:50 PM	HH44

Materials:

- scientific calculator
- safety glasses and covered footwear
- composition style notebook
- 1 roll paper towels
- gloves (optional)

This laboratory course accompanies the CH203 lecture course. Students will perform experiments in the lab with class discussion of the techniques and results. The purpose of this course is that students will develop practical lab skills and will be able to observe many of the principles discussed in lecture.

The course grade will be based on laboratory reports, pre-lab assignments and quizzes. The reports will be evaluated for completion and accuracy of the information required. There will be five quizzes given over the course of the semester. The dates and the material covered will be announced in class.

If a student is absent for a scheduled lab, it may be possible to attend another lab section in order to perform the experiment. Please contact the instructor so arrangements can be made. If no attempt is made to make up the missed work, a score of zero will be given for that experiment.

Copies of the laboratory procedures will be given to the students in advance of the scheduled experiments. Please take time to read these before coming to lab!

Finally, for your own safety---no eating, drinking, or smoking in the lab. You must also wear covered footwear and safety glasses in the lab at all times.

Tentative Lab Schedule:

DATES	EXPERIMENT
AUG 30, SEPT 1,2	Lab check-in, safety
SEPT 8,9	Temperature Measurements , Graphing
SEPT 13,15,16	Density Measurements
SEPT 20,22,23	Formula of a Hydrate
SEPT 27,29,30	Empirical Formula of Magnesium Chloride
OCT 4,6,7	Analysis of a Mixture
OCT 13,14	To Be Announced
OCT 18,20,21	Acid-Base Titration (part 1)
OCT 25,27,28	Acid-Base Titration (part 2)
NOV 1,3,4	Thermochemistry
NOV 8,10	To Be Announced
NOV 15,17,18	Qualitative Analysis
NOV 22,24	To Be Announced
NOV 29, DEC 1,2	Hydrogen Spectrum , Molecular Orbitals
DEC 6,8,9	Molecular Geometry