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Fry

Chaminade University of Honolulu Spring 2000
CH 204L General & Analytical Chemistry 11 Lab

Instructor: Janet Jensen

Office: HH 24 Phone: 735-4811

[email: jensenc001@hawaii.rr.com](mailto:jensenc001@hawaii.rr.com)

Office hours: MWF 11:30-12:30, TTh 9-10, or by appointment

Lab sections:

01	MTh	2-4:50	HH 44
02	TF	2-4:50	HH 44
03	TTh	10-12:50	HH44

Materials:

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

This laboratory course accompanies the **CH204** lecture course and is a continuation of **CH203L**. 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.

CH204L Lab Schedule: Any change will be announced in class.

DATES	EXPE IMENT
Jan 20,21	Geochemistry Field Trip
Jan 24-Feb 1	EDTA Titration of Ca/Mg in Limestone
Feb 3,4	Introduction to Kinetics
Feb 7-15	SN1 vs SN2 Reaction Mechanisms
Feb 17-25	Determination of an Ion Formula
Feb 28-March 7	Gravimetric Determination of Chloride
March 9-17	Spectrophotometric Determination of Mn in Steel
March 20-24	Dissociation Constant of a Weak Acid
March 27-31	Spring Breakl
April 3-11	pH Titrations of Amino Adds
April 13-20	Redox Reactions
April 24- May 5	Coordination Chemistry