

**School of Arts & Science
Department of Chemistry & Geoscience**

**Chemistry 060
Spring 2005**

COURSE OUTLINE

1. Instructor Information

Instructor: Diana Li

Office Location & Hours: F344C; 13:30-14:20 Mon, Wed, Fri;
14:30-15:20 Tue & Thur.

Phone & E-mail: 370-3444; lid@camosun.bc.ca

*****Please refrain from wearing fragrance to class*****

2. Intended Learning Outcomes-Approved Course Description attached.

3. Required Materials

Text: "Fundamentals of Chemistry" by Ralph Burns, 2003, 4th Edition.
Study Guide & Selected Solutions Manual optional.

Chemistry 060 Lab Manual

Eye protection mandatory & lab coat recommended.

4. Course Content and Schedule

Chapter in Burns
1. Chemistry is Everywhere
2. Matter & Energy
3. Fundamental Measurements
4. Elements, Atoms, & the Periodic Table
5. Atomic Structure: Atoms & Ions
6. Names, Formulas, & Uses of Inorganic Compounds
7. Periodic Properties of Elements
8. Chemical Bonds
9. Chemical Quantities
10. Chemical Reactions
11. Stoichiometry: Calculations Based on Chemical Equations
12. Gases
18. Fundamentals of Nuclear Chemistry

5. Basis of Student Assessment (Weighting)

Lab (5 experiments)	20%
Test I (Chapters 1-4)	20% (Friday, May 27, 2 Hours)*
Test II (Chapters 5-9)	20% (Tuesday, June 14, 2 Hours)*
Final Exam (Comprehensive)	40% (TBA, 3 Hours)

Notes:

- (1) Student must pass the lab portion of the course to write the final exam and to obtain credit for Chem 060.
- (2) Student is encouraged to attempt both tests. Test score that is not as high as that of the June final exam will be dropped automatically and its weight redistributed to the final exam. You may choose not to write one or both tests and have each weight redistributed to the final exam. For the gambler who misses both tests, your final exam will then be 80% of the course grade. YIKES!
- (3) Students must write each test as scheduled. No one is allowed to write late and there will be no make-up test. No exceptions.

*Test dates to be confirmed during the first week of classes.

6. Grading System

The following percentage conversion to letter grade will be used:

A+ = 95 - 100%	B = 75 - 79%	D = 50 - 59%
A = 90 - 94%	B- = 70 - 74%	F = 0.0 - 49%
A- = 85 - 89%	C+ = 65 - 69%	
B+ = 80 - 84%	C = 60 - 64%	

7. Important Dates

Week III Monday, May 23, Victoria Day
 Friday, May 27, Test I

Week V Wednesday, June 8, Last Day to Withdraw....

Week VI Tuesday, June 14, Test II

June 27 (Monday) to June 29 (Wednesday): Exam Period for Spring 2005

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Registrar's Office or the College web site at <http://www.camosun.bc.ca>

ACADEMIC CONDUCT POLICY

There is an Academic Conduct Policy. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section.

www.camosun.bc.ca/divisions/pres/policy/2-education/2-5.html