Welcome to C020

Administration

Instructor: Professor Rob Lipson

Office: Room 1, Ground Floor of the Chemistry Building

E-mail: rlipson@uwo.ca

Phone (work): 661-2111 ext 86359

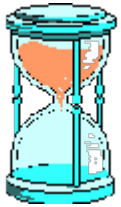
I maintain a web site for my sections at:
https://instruct.uwo.ca/chemistry/020/lipson/index.htm

The main web site for C020 is found at: https://instruct.uwo.ca/chemistry/020/

Check both sites regularly as important announcements will be placed there.

The full course outline can be found on either site and should be downloaded and read!

Office Hours: I will try to make myself available on Mondays and Fridays with an email appointment



Lectures (Section 3): Tuesdays and Thursdays 11:30 am – 12:30 pm in SEB 2200

Tutorials (Section 3): Tuesdays 6 pm- 9 pm in NS 7

Lectures (Section 6): Tuesdays and Thursdays 2:30 pm – 3:30 pm in SEB 2200

Tutorials (Section 6): Wednesdays 9:30 am – 12:30 pm in SSC 2032

The lectures will begin promptly on time. If you are late, come in quietly!

Labs are in the Chemistry Building: Rms. 10, 11, 12, and 13 on the Ground Floor

Safety is paramount: read the clothing and eye wear requirements in the course outline. If you buy safety glasses from the Chem. Club be sure to bring cash (only) ($10.00)

Legal Matters

Unless you have either the prerequisites for this course or written special permission from your Dean to enrol in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

The prerequisite for Chemistry 020 is OAC or SCH4U Chemistry with a mark of 80% or higher.

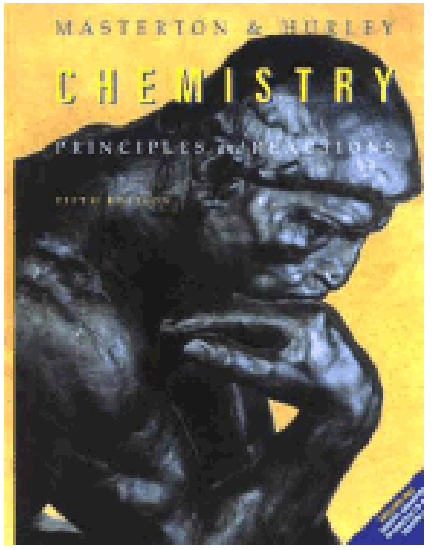
Course Materials

Required

1. C020 Lab Manual 2007-08 Edition (orange cover; not pink or yellow)
2. Tutorial Practice problems and past Tests & Exams, 2007-08 Edition (orange cover; not pink or yellow)
3. Safety Glasses
4. Approved, Button-up Lab Coat
5. Molecular Model Kit by Darling Models
6. Sharp EL-510R(B) scientific calculator;
   all others prohibited in exams, labs and tutorials

Optional

1. Textbook: A useful reference is Chemistry: Principles and Reactions, Masterton & Hurley, 5th Edition



Marks

Term Test #1: Saturday, November 3rd, 7:00 – 9:00 pm	**10%**
December Exam: Scheduled by the Registrar, 3 hours	**25%**
Term Test #2: Friday February 22nd, 7:00 – 9:00 pm	**15%**
Final Exam: Scheduled by the Registrar, 3 hours	**30%**
Mandatory Lab Check in	**1%**
Lab Experiments	**9%**
Tutorial Quizzes	**10%**
Total	**100%**

To pass the course:

- Perform at least 5 of the 9 laboratory experiments;

- Obtain a minimum of 4.50 out of 9.00 on the laboratory experiments;

- Obtain a passing mark (50%) on one of the December or Final Exams; and

- Obtain a minimum of 50 out of 100 in the whole course.

Since this is a laboratory course, you are expected to perform and complete all of your labs.

All labs and tutorials count towards your overall course grade. No labs or tutorials are dropped.

Fall Course material

Term	Topic	Lectures	Covered on...
Fall	Administration	1	Term Test #1
	Fundamental Concepts	4	
	Strong Acids and Bases	1	
	Oxidation and Reduction	2	
	Electronic Structure and Periodic Properties	4	December Exam
	Gases	4	
	Electrochemistry	4	Term Test #2
	Thermochemistry	4	al Exam

Schedule Overview

Week of...	Group 1	Group 2
Sept 17	Lab Check-in, then review quiz	Review quiz, then Lab Check-in
Sept 24	Tut: Stoichiometry 1 and 2	Lab: Synthesis
Oct 1	Lab: Synthesis	Tut: Stoichiometry 1 and 2
Oct 8	*Thanksgiving Week – No Labs or Tutorials*	
Oct 15	Tut: Strong Acid & Bases, Redox	Lab: Acid/Base
Oct 22	Lab: Acid/Base	Tut: Strong Acid & Bases, Redox
Oct 29	Tut: Atoms & Periodicity	Lab: Redox
Nov 5	Lab: Redox	Tut: Atoms & Periodicity
Nov 12	Tut: Gases	Lab: Molar Volume
Nov 19	Lab: Molar Volume	Tut: Gases
Nov 26	Tut: Electrochem (in tut room)	Tut: Electrochem (in lab)

I will assign you to Group 1 or 2 next week closer to the end of add-drop