Policy on Electronic Communication Equipment
Students attending class are expected to follow the Code of Student Behavior, and refrain from activities that distract their fellow students. This includes the use of any electronic communication equipment (cell phones, Blackberries, etc.). Laptops, tablets, etc. may be used to take notes (not for games!). NO ELECTRONIC COMMUNICATION EQUIPMENT WHATSOEVER IS ALLOWED DURING TESTS/EXAMS (calculators are allowed).

Policy on Plagiarism
Plagiarism is a serious academic offense. In order to prevent any misunderstandings about what constitutes plagiarism, the Department of Chemistry has prepared a document that clearly defines plagiarism, gives several examples and lists the possible penalties. Students will have to sign a Plagiarism Certification that verifies that they have read and understoond the consequences of plagiarism as discussed in the *Code of Student Behaviour and Disciplinary Procedures* and the *Chemistry Department Policy on Plagiarism and Academic Integrity*. This will be submitted with your laboratory report for Experiment 1.

Marking Scheme		
	30%	two term tests (each worth 15%)
	40%	final exam (scheduled by registrar)
	20%	laboratory (as broken down in manual)
	10%	online quizzes

Course Outline Chapters are from Zumdahl and Zumdahl, 7th Edition.

1.	Review	*Chapters 1-4*. Students should be familiar with this material from their high school chemistry courses. (3 classes)
2.	Gasses	*Chapter 5*. Gas laws, kinetic molecular theory. (3 classes)
3.	Thermochemistry	*Chapter 6*. Calorimetry, enthalpy, Hess's Law, bond enthalpies. (4 classes)
4.	Atomic Structure	*Chapters 7, 19*. Quantum structure of the atom, periodicity, structure of the nucleus, nuclear fission and fusion. (6 classes)
5.	Chemical Bonds	*Chapters 8, 9*. Covalent and ionic bonds, molecular geometry, molecular orbital theory. (4 classes)
6.	Liquids and Solids	*Chapter 10*. Structure of liquids, structure of solids. (3 classes)
7.	Organic Chemistry	*Chapter 22*. Hydrocarbons, functional groups, nomenclature, biological molecules. (8 classes)
8.	Inorganic Chemistry	*A selection from Chapters 20, 21*. (2 classes)

Course Website The course website (www.chemistry.lakeheadu.ca/mackinnon/1110.html) contains class-by-class topics, readings, and exercises from the text.

Important Dates

Midterm 1	Wednesday, 12 October (material to the end of class # 10) 15%
Midterm 2	Friday, 4 November (material to the end of class #20 "cumulative") 15%
Exam	Scheduled by registrar (on all course material) 40%