Chemistry 3303 – Main Group Chemistry

Course Outline – Winter 2018

Professor:	Dr. Bobby Ellis (office: 115 Elliott Hall; e-mail: bobby.ellis@acadiau.ca) Please include CHEM 3303 in the subject of all e-mail for this course
Lectures:	Mon., Wed. and Fri. 9:30 - 10:20 am in 312 Elliott Hall
Tutorials:	Optional tutorials will be held prior to midterm and final exams
Labs:	Fridays 1:30 - 4:30 pm in 221 Elliott Hall
Office Hours:	Thurs. 2:00 - 5:00 pm or by appointment
Textbook:	**No required textbook**, but access to *an inorganic textbook* is recommended *Inorganic Chemistry, 5th Edition* by Miessler, Fischer and Tarr *Inorganic Chemistry, 4th Edition* by Housecroft and Sharpe *Inorganic Chemistry, 6th Edition* by Shriver, *et al.*
Website:	Supplementary problems and other course resources: http://www.acadiau.ca/~bellis/resources/
Other:	Students are **strongly recommended** to have a molecular model kit

Evaluation:			
	Assignments/Quizzes	10%	*late assignments are not accepted*
	Research Project	15%	
	Lab Work	20%	
	Midterm Exam #1	10%	Monday, February 5, 2018
	Midterm Exam #2	10%	Friday, March 2, 2018
	Midterm Exam #3	10%	Wednesday, March 21, 2018
	Final Exam	25%	

Programmable calculators are not allowed for midterms or final exams.

There are no make-up midterms; see "Policies on Missed Course Work due to Absences" for more information

The goals of this course are to solidify and build upon the concepts presented in CHEM 2303. The topics covered in this course are:

1. Symmetry and Group Theory
2. Molecular Orbital Theory
3. Advanced Molecular Orbital Theory
4. Computational Chemistry
5. Main Group Chemistry

Students with Exceptionalities that Affect Learning

If you are a student with a documented exceptionality who anticipates needing supports or accommodations, please contact Dr. Abu Kamara, Coordinator, Accessible Learning Services at 902-585-1291, abu.kamara@acadiau.ca or Kathy O'Rourke, Disability Resource Facilitator at 902-585-1823, disability.access@acadiau.ca. Accessible Learning Services is located in Rhodes Hall.