



UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
DEPARTMENT OF CHEMISTRY
COURSE OUTLINE
FALL 2016

1. **Course:** Chemistry 533, Advanced Inorganic Chemistry II: Main Group Elements

Lecture Sections:

L01: MWF, 10:00-10:50, SA 129 Instructor: Thomas Baumgartner, SB 229A, 403-220-3039,
thomas.baumgartner@ucalgary.ca, Office Hours: by appointment

T01: W, 14:00-14:50, SA 129 Instructor: Thomas Baumgartner, SB 229A, 403-220-3039,
thomas.baumgartner@ucalgary.ca, Office Hours: by appointment

Desire 2 Learn (D2L) course name: CHEM 533 L01 - (Fall 2016) - Advanced Inorganic Chemistry II
(<https://d2l.ucalgary.ca/d2l/home/156687>)

Departmental Office: SA 229, 403-220-5341, chem.undergrad@ucalgary.ca

2. **Prerequisites** Chemistry 331, 333, and 353 or 355

(<http://www.ucalgary.ca/pubs/calendar/current/chemistry.html#6532>)

3. **Grading:** The University policy on grading and related matters is described sections [F.1](#) and [F.2](#) of the online University Calendar. In determining the overall grade in the course the following weights will be used:

Assignments (3)	15%
First Midterm Test	20% (in class, Oct. 7, 2016)
Second Midterm Test	20% (in class, Nov. 14, 2016)
Final Examination	45% (To be scheduled by the Registrar)

A passing grade (50% or more) on the final examination is required in order to pass the course.

Each piece of work (assignment, laboratory report, midterm test or final examination) submitted by the student will be assigned a percentage score. The student's average percentage score for the various components listed above will be combined with the indicated weights to produce an overall percentage for the course, which will be used to determine the course letter grade. The conversion between course percentage and letter grade is given below:

Grading Scale

A+ 100% - 95%	A 94% - 85%	A- 84% - 80%	B+ 79% - 75%	B 74% - 70%	B- 69% - 65%
C+ 64% - 60%	C 59% - 55%	C- 54% - 50%	D+ 49% - 45%	D 44% - 40%	F < 40%

4. **Missed Components of Term Work:** The regulations of the Faculty of Science pertaining to this matter are found in the Faculty of Science area of the Calendar in [Section 3.6](#). It is the student's responsibility to familiarize himself/herself with these regulations. See also [Section E.6](#) of the University Calendar

5. **Course Materials:** *"Organometallics"*, 3rd Edition, by C. Elschenbroich, Wiley-VCH and *"Inorganic Chemistry: Principles of Structure and Reactivity"*, James E. Huheey, Dorling Kindersley Pvt Ltd (**recommended, not required**)

6. **Examination Policy:** All examinations will be closed book. Calculators are not required/permitted for use during the exam components of the course. Students should also read the Calendar, [Section G](#), on Examinations.

7. OTHER IMPORTANT INFORMATION FOR STUDENTS:

- (a) **Misconduct:** Academic misconduct (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections of the University Calendar under [Section K](#). Student Misconduct to inform yourself of definitions, processes and penalties.
- (b) **Assembly Points:** In case of emergency during class time, be sure to FAMILIARIZE YOURSELF with the information on [assembly points](#).
- (c) **Academic Accommodation Policy:** Students needing an Accommodation because of a Disability or medical condition should contact Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities available at http://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities_0.pdf. Students needing an Accommodation in relation to their coursework or to fulfill requirements for a graduate degree, based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the Associate Head of Chemistry, Dr. Farideh Jalilehvand, by email ahugchem@ucalgary.ca or phone (403) 220-5353.
- (d) **Safewalk:** Campus Security will escort individuals day or night (<http://www.ucalgary.ca/security/safewalk/>). Call 220-5333 for assistance. Use any campus phone, emergency phone or the yellow phones located at most parking lot pay booths.
- (e) **Freedom of Information and Privacy:** This course is conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIPP). As one consequence, students should identify themselves on all written work by placing their name on the front page and their ID number on each subsequent page. For more information see also <http://www.ucalgary.ca/secretariat/privacy>.
- (f) **Student Union Information:** VP Academic Phone: 403 220-3911 Email: suypaca@ucalgary.ca
SU Faculty Rep. Phone: 403 220-3913 Email: science1@su.ucalgary.ca, science2@su.ucalgary.ca and science3@su.ucalgary.ca;
Student Ombuds Office: 403 220-6420 Email ombuds@ucalgary.ca <http://ucalgary.ca/provost/students/ombuds>
- (g) **Internet and Electronic Device Information:** You can assume that in all classes that you attend, your cell phone should be turned off unless instructed otherwise. Also, communication with other individuals, via laptop computers, Blackberries or other devices connectable to the Internet is not allowed in class time unless specifically permitted by the instructor. If you violate this policy you may be asked to leave the classroom. Repeated abuse may result in a charge of misconduct.
- (h) **U.S.R.I.:** At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses (www.ucalgary.ca/usri). Your responses make a difference - please participate in USRI Surveys.

Department Approval: Approved by Department Head

Date: August 10, 2016