



UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
DEPARTMENT OF CHEMISTRY
COURSE OUTLINE
FALL 2015

1. **Course:** CHEMISTRY 531, Advanced Inorganic Chemistry: Transition Metals

LEC	DAYS	TIME	ROOM	INSTRUCTOR	OFFICE	PHONE	EMAIL	OFFICE HOURS
L01	MWF	10:00-11:00	SA 245	Dr. R. Roesler	SB 339	220-5366	roesler@ucalgary.ca	M 11:00 - 12:00 W 15:00 - 16:00
T01	W	14:00-15:00	SA 245	Dr. R. Roesler	SB 339	220-5366	roesler@ucalgary.ca	

Desire 2 Learn (D2L) course name: CHEM 531 L01 - (Fall 2015) - Advanced Inorganic Chemistry I
(<https://d2l.ucalgary.ca/d2l/home/106973>)

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

2. **Prerequisites:** Chemistry 331, 333, and one of 353 or 355
(<http://www.ucalgary.ca/pubs/calendar/current/chemistry.html#6531>).

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 and Tutorial activity	20%
Midterm tests	30% (Oct. 14: 15% and Nov. 16: 15%)
Final Examination	50% (To be scheduled by the Registrar)

The marks for each of the course components will be recorded as a numerical score and combined as shown above to arrive at the total numerical score which will then be converted to a letter grade to be reported to the Registrar. Students will be expected to understand at every stage the material covered in all components of the course.

Grading Scale:

A+	A	A-	B+	B	B-
95% - 100%	90% - 94%	85% - 89%	80% - 84%	75% - 79%	70% - 74%

C+	C	C-	D+	D	F
65% - 69%	60% - 64%	55% - 59%	50% - 54%	45% - 49%	< 45%

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:** *The Organometallic Chemistry of the Transition Metals*, 6th Edition, by Robert H. Crabtree, Wiley 2014.

6. **Examination Policy** During exams students are allowed to bring only pencils, pens, erasers, their ID card, and non-programmable calculators. No other electronic devices can be consulted during the examination. Students should also read the Calendar, [Section G](#), on Examinations.
7. **Writing across the curriculum statement:** For all components of the course, the quality of the student's writing in any written work will be a factor in the evaluation. See also [Section E.2](#) of the University Calendar.
8. **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 fulfil 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. Ashley Causton, 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.