



UNIVERSITY OF CALGARY

DEPARTMENT OF CHEMISTRY COURSE OUTLINE WINTER 2016

1. **Course:** CHEM 471, Kinetics and Spectroscopy

LEC	DAYS	TIME	ROOM	INSTRUCTOR	OFFICE	PHONE	EMAIL @ucalgary.ca	OFFICE HOURS
L01	MWF	12:00-12:50	SB 148	Prof. Simon Trudel	SB 417	210-7078	trudels	MWF 13:00-13:30
T01	Tu	9:30-10:20	ST 063	Prof. Simon Trudel	SB417	210-7078	trudels	n.a.
T02	F	9:00-9:50	ST 055	t.b.d.	t.b.d.	t.b.d.	t.b.d.	n.a.

Desire 2 Learn (D2L) CHEM 471 L01 – (Winter 2016)
Departmental Office SA229, 220-5341, uginfo@chem.ucalgary

2. **Prerequisites:** CHEM 371 and CHEM 373

<http://www.ucalgary.ca/pubs/calendar/current/chemistry.html#6528>

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:

Tutorials	10%	
Quizz 1	5%	25 min. in-class, January 27, 2016
Quizz 2	5%	25 min. in-class, March 23, 2016
Laboratory experiments	30%	breakdown in lab manual
Midterm test	15%	50 min. in-class, February 26 2016
Final Examination	35%	to be scheduled by the Registrar
	100%	

Approximate Grading Scale:

A+	A	A-	B+	B	B-
92% - 100%	87% - 91.9%	82% - 86.9%	78% - 81.9%	72% - 77.9%	68% - 71.9%
C+	C	C-	D+	D	F
62% - 67.9%	58% - 61.9%	55% - 57.9%	53% - 54.9%	50% - 52.9%	< 50%

A passing grade for the weighted average of the midterms and final examinations AND a passing grade for the laboratory work are required in order to pass this course with a letter grade higher than D. Students will be expected to understand at every stage the material covered in all components of the course.

Each piece of term work, including midterms, laboratory work and final examination submitted by the student will be assigned a percentage, and a weighted average term work percentage using weighting factors will be calculated as shown above (see below proposed grading scale).

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. **REGULARLY SCHEDULED CLASSES HAVE PRECEDENCE OVER ANY OUT-OF-CLASS-TIME-ACTIVITY.** There are no scheduled out of class activities.

6. **Course Materials:** "Physical Chemistry", 3rd Edition, by Engel and Reid, Pearson
7. **Examination Policy:** Closed book; Non-programmable calculators will be allowed. Students should also read the Calendar, [Section G](#), on Examinations.
8. **Approved Mandatory and Optional Course Supplemental Fees:** The Department of Chemistry has a laboratory glassware breakage fee. At the start of the course, each student is assigned a locker and checks-in to establish that they have a complete set of usable glassware. By signing for check-in, a student agrees that they are now responsible for the glassware until check out. Any equipment that is missing, unusable or has been replaced during the semester will be charged to the student. All students, even those who withdraw early from the course must check out of the laboratory before the last day of lectures. Any student who fails to check out before the last day of lectures for the term will be assessed a charge of \$30.00. If this fee is not paid by the last day of the final examination period of the term, an additional \$10.00 administrative fee will be charged and university services (registration, transcripts, etc.) may be withheld.
9. **Writing across the curriculum statement:** In this course, the quality of the student's writing in laboratory reports will be a factor in the evaluation of those reports. See also [Section E.2](#) of the University Calendar.
10. **Human studies statement:** Not applicable.

11. **OTHER IMPORTANT INFORMATION FOR STUDENTS:**

- (a) **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: 220-3911 Email: suvpaca@ucalgary.ca.
SU Faculty Rep. Phone: 220-3913 Email: sciencerep@su.ucalgary.ca; [Student Ombudsman](#)
- (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) 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.