

UNIVERSITY OF CALGARY
DEPARTMENT OF CHEMISTRY
COURSE OUTLINE
Winter 2015

1. COURSE: CHEMISTRY 681, X-ray Crystallography

LEC	DAYS	TIME	ROOM	INSTRUCTOR	OFFICE	PHONE	EMAIL	OFFICE HOURS
L01	Tue	4:00 - 6:30 p.m.	SB324	Dr. M. Parvez	SB 331	220-5348	parvez@ucalgary.ca	TBA

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

2. **PREREQUISITES:** Enrolment in a graduate program in the Department of Chemistry or consent of the Department.
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:

Assignment - I	10%
Assignment - II	10%
Midterm Test (Open notes)	20% (last week of February)
Experimental Work	20%
Final Examination (Open notes)	40%

A weighted average of a minimum of 65% in the exams component is required to obtain a mark of C– or better.

Each piece of work submitted by the student will be assigned a numerical score. The total score for each course component will be converted into the percentage, listed above. The total term work score, as percentage, will be used to calculate the term work letter grade according to the following Grading Scale:

Approximate Grading Scale:

A+	A	A-	B+	B	B-
92% - 100%	86% - 91.9%	82% - 85.9%	78% - 81.9%	74% - 77.9%	70% - 73.9%
C+	C	C-	D+	D	F
66% - 69.9%	62% - 65.9%	58% - 61.9%	54% - 57.9%	50% - 53.9%	< 49.9%

4. **TEXTBOOK:** The textbook for this course is: Understanding Single-Crystal X-ray Crystallography, ed. Dennis W. Bennett, 2010 edition, Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim.

5. **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. Please read the sections of the University Calendar under K. Student Misconduct (<http://www.ucalgary.ca/pubs/calendar/current/k.html>) to inform yourself of definitions, processes and penalties.

(b) **ACADEMIC INTEGRITY:** Do you know what “honesty in academics” is? Check the University website at: <http://www.ucalgary.ca/honesty/>

(c) ASSEMBLY POINTS: in case of emergency during class time. Be sure to FAMILIARIZE YOURSELF with the information at <http://www.ucalgary.ca/emergencyplan/assemblypoints>.

Department Approval: Approved by Department Head

Date: Dec 12, 2014

Approved by Associate Dean

Date: Jan 5, 2015