



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

1. **Course: CHEMISTRY 409, Applied Chemistry and Chemical Pathways for Engineers**

LEC	DAYS	TIME	ROOM	INSTRUCTOR	OFFICE	PHONE	EMAIL	OFFICE HOURS
L01	TR	8:00-9:15	EEEL 210	Dr. Ashley Causton	SA 144A	210-3968	<a href="mailto:acauston@ucalgary.ca">acauston@ucalgary.ca</a>	TBA

**Departmental Office:** SA 109, 220-5341, [uginfo@chem.ucalgary.ca](mailto:uginfo@chem.ucalgary.ca)

**Desire 2 Learn (D2L) Site:** CHEM 409 L01 - (Fall 2015) - Appl Chem & Chem Path For Engg

2. **Prerequisites:** Chemistry 209 and 357.

<http://www.ucalgary.ca/pubs/calendar/current/chemistry.html#6523>

Note: The calendar description and the Faculty of Science policy on prerequisites and antirequisites is described in section 3.5 C. of the online University Calendar (<http://www.ucalgary.ca/pubs/calendar/current/sc-3-5.html>). Students are responsible to ensure that they meet all prerequisite requirements for each course in which they are registered. Students who do not meet these requirements will be deleted from the course.

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:

Coursework	50%
Midterm Test	20% (Thursday, November 5th – in class)
Final Exam	30% (To be scheduled by the Registrar)

The marks for each of the course components will be recorded as numerical scores and combined as shown above to arrive at the total numerical score which will then be converted to the letter grade that will be reported to the Registrar. In assigning the final course letter grade, the following scale will be used:

**A+ 95 A 88 A- 84 B+ 80 B 76 B- 72 C+ 68 C 64 C- 60 D+ 55 D 50 F**

**Notes:**

(1) A satisfactory performance on the examinations (i.e. 50%) is required to obtain a passing grade for this course.

(2) In any written work, the quality of the writing (language, spelling, grammar *etc.*) will be evaluated.

(3) The coursework component is made up of in-class quizzes, participation, group work, and group project.

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:** Custom Text "*Chemical Technology: An Integral Textbook*" by Andreas Jess & Peter Wasserscheid sold in the University Bookstore.

6. **Examination Policy:** Absolutely no electronic devices, “cheat” sheets etc. are permitted during examinations. **Deferred examinations will only be provided for the Final Examination and then only with the approval of the Associate Dean** Students should also read the Calendar, [Section G](#), on Examinations.
9. **Writing across the curriculum statement:** e.g. “In this course, the quality of the student’s writing in any written work will be a factor in the evaluation of those reports.” See also [Section E.2](#) of the University Calendar.

**10. 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](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](mailto: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: [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca)  
SU Faculty Rep. Phone: 403 220-3913 Email: [science1@su.ucalgary.ca](mailto:science1@su.ucalgary.ca), [science2@su.ucalgary.ca](mailto:science2@su.ucalgary.ca) and [science3@su.ucalgary.ca](mailto:science3@su.ucalgary.ca);  
Student Ombuds Office: 403 220-6420 Email [ombuds@ucalgary.ca](mailto: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](http://www.ucalgary.ca/usri)). Your responses make a difference - please participate in USRI Surveys.
- (i) **ACADEMIC INTEGRITY:** Do you know what “honesty in academics” is? Check the University website at: <http://www.ucalgary.ca/honesty/>

Department Approval: Approved by the Department Head

Date: August 21, 2015