

UNIVERSITY OF CALGARY  
FACULTY OF SCIENCE  
DEPARTMENT OF CHEMISTRY  
COURSE OUTLINE  
WINTER 2017**1. Course: CHEMISTRY 357, Industrial Organic Chemistry for Engineers****Lecture Sections:****L01:** MWF, 11:00-11:50am, EDC 179.Instructor and Course Co-ordinator: Dr. A.S. Causton, Office: SA144A, Tel. No.: 403-210-3968,  
e-mail: [acauston@ucalgary.ca](mailto:acauston@ucalgary.ca), Office Hours: TBA.

Desire 2 Learn (D2L) Site: CHEM 357 L01 - (Winter 2016) - Industrial Organic Chemistry for Engineers

**L02:** MWF, 13:00-13:50am, ICT 102.Instructor: Dr. A.S. Musgrove Richer, Office: SA EEEL237C, Tel. No.: 403-220-7602,  
e-mail: [amanda.musgroveriche@ucalgary.ca](mailto:amanda.musgroveriche@ucalgary.ca), Office Hours: TBA.

Desire 2 Learn (D2L) Site: CHEM 357 L02 - (Winter 2016) - Industrial Organic Chemistry for Engineers

**Tutorials:**See your timetable, SA 204, start week of Jan. 9<sup>th</sup> 2017.

NOTE: Students in Lec 01 must register in T01, T02, T03, T04 or T05. Students in Lec 02 must register in T06, T07, T08, T09, T10 or T11.

Departmental Office: SA 229, 220-5341, Email: [uginfo@chem.ucalgary.ca](mailto:uginfo@chem.ucalgary.ca)**2. Prerequisites:** Chemistry 209. <http://www.ucalgary.ca/pubs/calendar/current/chemistry.html#6509>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:

Midterm Test (In class on Friday 3rd March)	25%
Coursework	25%
Final Exam (April date scheduled by registrar)	50%
<b>Total</b>	<b>100%</b>

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:**

- A minimum 50% on the Final examination **or** a minimum 50% weighted average on the examinations (midterm and final) is **required** in order to satisfy prerequisite requirements (*i.e.* if a student scores below 50% in the examinations, then the maximum grade they can obtain in CHEM 357 is a D+).
- The coursework mark is based on the best score in five out of six equally weighted components: Five equally weighted quizzes (written under exam conditions during tutorial time), and one equally weighted classroom participation score that is generated using a "clicker" to respond to questions.

**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.

There are no deferred term test examinations. In the event that a student misses a term test or any course work due to illness then an official medical note will be required. Absences must be reported **within 48 hrs**. If a student misses the term test for other reasons, then analogous documentation will be required course. The coordinator will need to see the original documentation (not electronic copy) for review / decision and keep it (or a copy) for their records. The documentation must be provided to the course coordinator **within 15 days** of the date of the term test in order for an excused absence to be considered. If an excused absence is approved, then the percentage weight of a legitimately missed midterm examination will be transferred to the final examination (see [Section E.3](#) of the University Calendar).

If a student missed any gradable component for non-legitimate reasons (e.g. vacation), and did not perform the component, the contribution of that component in the final course grade will be zero.

5. **Suggested Course Materials:** Any "Introduction to Organic Chemistry" text book (and accompanying study guide). Molecular model kit.

**Online Course Components:** Lecture material and past exams will be posted on the D2L site. Online assignment and self-assessment material is administered through a MOODLE site (access explained at your first tutorial). There is also an e-text organic chemistry site (<http://www.chem.ucalgary.ca/courses/351/Carey5th/Carey.html>) which may be useful.

6. **Examination Policy** Model kits are allowed in examinations but **no other aids** such as "cheat" or "data" sheets, or any electronic devices. Students should also read the Calendar, [Section G](#), on Examinations. subjects or researchers. See also [Section E.5](#) of the University Calendar.
7. **Reappraisal of Grades:** Students should be aware that the grade being reappraised may be raised, lowered or remain the same. See [Section I.3](#) of the University Calendar.

(a) **Term work:** A student who feels that a piece of graded term work (term paper, essay, test, etc.) has been unfairly graded, may have the work re-graded. The student shall discuss the work with the Instructor within 15 days of being notified about the mark. If not satisfied, the student shall immediately submit the *Reappraisal of Term work Grade* form to the Associate Head of Chemistry, Dr. Farideh Jalilehvand ([ahugchem@ucalgary.ca](mailto:ahugchem@ucalgary.ca)), who will arrange for a reassessment of the work if, and only if, the student's argument is valid. Note: Students should attempt to present their rational as effectively and as fully as possible. Mere dissatisfaction with a decision is not sufficient grounds for the appeal of a grade, or other academic decision. See sections [I.1](#) and [I.2](#) of the University Calendar.

(b) **Final Exam:** A student wishing a reappraisal of the final grade should contact the instructor. If not satisfied, the student shall submit the request to the Enrolment Services. See [Section I.3](#) 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.3](#). 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. Farideh Jalilehvand, by email [ahugchem@ucalgary.ca](mailto:ahugchem@ucalgary.ca) or phone (403) 220-5353.

(d) **Safewalk:** Campus Security will escort individual's 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 (FOIPPA). 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 Department Head

Date: December 20, 2016