



## Chemistry 3330 Course Outline

### 1. Course Information

Industrial Chemistry 3330F,

List of Prerequisites

Either (Chemistry 2273A and 2283G) or Chemistry 2213A/B, and either Chemistry 2214A/B or 2384B.

Unless you have either the requisites for this course or written special permission from a Designated Department Program Counsellor or Science Academic Advisors) to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

### 2. Instructor Information

Instructors	Email	Office	Phone	Office Hours

Students must use their Western (uwo.ca) email addresses when contacting their instructors.

### 3. Course Syllabus, Schedule, Delivery Mode

This course will address the following topics:

- comparative economics of chemical processes
- quality assurance
- safety
- environmental issues
- employment and careers in the chemical industry

Some of this material will be presented in lecture format by your instructor. Additionally, guest speakers with relevant professional experience will share first-

**Expected Learning Outcomes** The intention is that students will acquire an appreciation for the ubiquity, diversity, importance, excitement, and challenges of the modern chemical industry and observe some of the concerns and motivations that drive the industry. Students should begin to discover career opportunities in chemistry that are open to them, begin to make networking contacts with industry professionals, and develop a strategic approach to seeking in the chemical field.

**Delivery Modes** The course will be delivered through a mixture of class presentations by the course instructor, a series of guest lecturers from various sectors of the chemical industry, and a modest amount of independent research by the students themselves. The flexibility afforded by videoconferencing software will greatly enhance our opportunities to hear from industry personnel stationed near or far from Western University. Therefore, some guest lecturers may be physically present in class and others may make their presentations electronically. To facilitate student questions and discussion with the guest

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All course material will be posted to OWL: <https://westernu.brightspace.com>. ~~Some~~ lectures will not be

This policy does not apply to requests for Academic Consideration submitted for attempted or completed work, whether online or in person.

The policy also does not apply to students experiencing long-term impacts on their academic responsibilities. These students should consult Accessible Education.

For procedures on how to submit Academic Consideration requests, please see the information posted on the Office of the Registrar's webpage:

[https://registrar.uwo.ca/academics/academic\\_considerations/](https://registrar.uwo.ca/academics/academic_considerations/)

All requests for Academic Consideration must be made within 48 hours after the assessment date or submission deadline.

All Academic Consideration requests must include supporting documentation; however, recognizing that formal documentation may not be available in some extenuating circumstances, the policy allows students to make one Academic Consideration request without supporting documentation in this course. However, the following assessments are excluded from this, and therefore always require formal supporting documentation:

- Examinations scheduled during official examination periods (Defined by policy)
- The midterm test (Designated by the instructor as the one assessment that always requires documentation when requesting Academic Consideration).

When a student mistakenly submits their one allowed Academic Consideration request without supporting documentation for the assessments listed above or those in the Coursework with Assessment Flexibility section below, the request cannot be recalled and reapplied. This privilege is forfeited.

#### Evaluation Scheme for Missed Assessment

Given the long period available to work on each assignment, late assignments will be accepted up to 48 hours beyond the due date, after which a grade of zero will be assigned.

Flexibility has been built into the speaker summaries assessments. The grade (out of 20%) for this aspect of the course will be calculated as follows: 1 (xi)-2 4 (em)-1 (e f)-1 t.mE..Td [(c)4 [(c)]TJ ou-0.001 Tw 72 (e)-1 of

- Students must attend



To connect with a case manager or set up an appointment, please [support@uwo.ca](mailto:support@uwo.ca).

Please contact the course instructor if you require lecture or printed material in an alternate format or if any other arrangements are required to make this course more accessible to you. You may also wish to contact Accessible Education at

[http://academicsupport.uwo.ca/accessible\\_education/index.html](http://academicsupport.uwo.ca/accessible_education/index.html)

if you have any questions regarding accommodations.

Learning skills counsellors at Learning Development and Success <https://learning.uwo.ca> are ready to help you improve your learning skills. They offer presentations on strategies for improving time management, multiple choice exam preparation/writing, textbook reading, and more. Individual support is offered throughout the Fall/Winter terms in the drop Learning Help Centre, and year-round through individual counselling.

Additional student-run support services are offered by the USC, <https://westernusc.ca/services/>