

## Chemistry 9507R Course Outline

### 1. Course Information

#### Course Information

Chemistry 9507R Fridays from 2:30 - 5:00 pm November 1 to December 6

#### List of Prerequisites

This course is open to graduate stud

## 6. Preparation of effective figures and graphical displays

Class schedule:

Week	Topic	Deliverable
1 (Nov 1)	Introductions, Giving and receiving feedback, communication fundamentals	
2 (Nov 8)	Part 1 of Written documents -Abstract assignment given	
3 (Nov 15)	Part 2 of Written documents and -Abstract peer review exercise	Bring abstract draft and participate in peer review
4 (Nov 22)	Applications of written document principles (manuscripts, theses) -Written elements assignment	Hand in final abstract
5 (Nov 29)	Effective graphical displays  -Peer review of writing assignment	Bring written elements draft for peer review
6 (Dec 6)	Research proposals, email, posters	Written elements assignment due
7 (Dec 13)		Research proposal due

## 4. Course Materials

There is no required textbook. Course notes and electronic supplements will be provided during the course. The following can serve as useful references but are not required:

- ◁ Trees, Maps, and Theorems. Effective Communication for Rational Minds, Jean-Luc Doumont, Principia
- ◁ The Craft of Scientific Writing, M. Alley, Prentice-Hall.

All course material will be posted to OWL: <https://westernu.brightspace.com/>

Students are responsible for checking the course OWL site (<https://westernu.brightspace.com/>) regularly for news and updates. This is the primary method by which information will be disseminated to all

## **5. Methods of Evaluation**

the centrally administered e-mail account provided to students will be the official university e-mail address. It is the responsibility of the account holder to ensure that e-mail received from the University at their official university address is attended to in a timely manner.

**Scholastic offences** are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site:

[https://www.uwo.ca/univsec/pdf/academic\\_policies/appeals/scholastic\\_discipline\\_undergrad.pdf](https://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf).

All required papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com (<http://www.turnitin.com>).

### **Artificial intelligence**

The use of generative AI in this course is not permitted for any purposes other than correcting English spelling and grammar. Any use of software or tools other than Microsoft Word for editing spelling and grammar should be disclosed by using a note at the end of your assignment. You must take responsibility for any edits suggested by this software that may not align with the principles emphasized in the course with respect to sentence structure and general writing style, which may therefore result in mark deductions.

Note that your research in the Chemistry Department (and prior research performed before your graduate studies at Western) likely involves confidential and proprietary information, so it should not be submitted to AI chatbots such as ChatGPT, Gemini Advanced, or Anthropic Claude 3 without the express consent of your research supervisor(s).

license with Microsoft. **When logged in with your Western credentials**, any data input into Copilot receives the same protections as Outlook, OneDrive and enterprise Microsoft products. For more information on Western Graduate & Postdoctoral Studies AI policies, please refer to the following website:

[https://grad.uwo.ca/about\\_us/policies\\_procedures\\_regulations/ai.html](https://grad.uwo.ca/about_us/policies_procedures_regulations/ai.html)

### **Support Services**

Students who are in emotional/mental distress should refer to Mental Health@Western (<https://uwo.ca/health/>) for a complete list of options about how to obtain help.

Western is committed to reducing incidents of gender-based and sexual violence and providing compassionate support to anyone who has gone through these traumatic events. If you have experienced sexual or gender-based violence (either recently or in the past), you will find information about support

[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-in Learning Help Centre, and year-