Western Science

Department of Chemistry

CHEM 1302 Fall 2021 Course Outline

1. Course Information

Course Information

The objective of this course is to provide you with an introductory framework for modern chemistry and its application to engineering industries. This course will examine how the fundamentals of energetics influence chemical processes. The key topics covered include gases, thermodynamics and thermochemistry, chemical equilibria, electrochemistry, and chemical kinetics.

List of Prerequisites: Grade 12U Chemistry or equivalent. Antirequisites: the former 1024 A/B. Unless you have either the prerequisite for this course or written special permission from your Dean to enroll in it, you may be removed from this course.

Unless you have either the requisites for this course or written special permission from your Dean 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
Dr. Kochhar (Course coordinator)	chem1302@uwo.ca	MSA 1201	519-661-2111 ext. 86305	Mondays 2 – 3 pm via Zoom

Students must use their Western (@uwo.ca) email addresses in their emails. include '***CHEM 1302A***' in the subject line. All emails should be addressed to the official chem 1302A email (chem1302@uwo.ca). Emails sent to other addresses will **not** be answered. All efforts will be made to respond to emails within 5 – 10 business days. Responses may be delayed depending on the time of the semester (i.e. during the start of the semester, near the midterm, and towards the end of the semester). Note that this email should only be used for administrative purposes. In order to maximize efficiency and to allow your instructors to respond to administrative concerns as quickly as possible, emails containing the following types of requests may **not** be answered:

- Questions about course material or on how to do a particular problem in the workbook. Questions of this nature should be addressed in the resource room hours, office hours, or posted on the appropriate folders on the OWL discussion forums.

- Questions that can be answered based on the information found in this course outline or on the Course Info section of the OWL course site. Being able to independently find out information is a critical skill in university and your careers.

- Requests for grade increases, extra assignments, make-up labs, etc. See section 15 for the Equal Opportunity and Evaluation Policy.

3. Course Syllabus, Schedule, Delivery Mode

An examination of how the fundamentals of energetics influence chemical processes. Topics include: gases, thermodynamics and thermochemistry, chemical equilibria, solubility, weak acids and bases, electrochemistry, and chemical kinetics.

Students taking this course will demonstrate their understanding of fundamental chemistry principles and be able to relate the concepts learned to engineering applications. There will be an emphasis in this course on critical thinking and problem-solving skills. The table below provides a list of course-specific and transferrable/employability learning outcomes.

Discipline-specific Outcomes	Transferrable-Skill Outcomes
Describe the importance of chemistry in everyday life and the interdisciplinary nature of chemistry.	Analyze and critically assess problems, and take a systematic approach to solve them.
Use critical thinking skills to explain, make connections between and apply chemical principles, laws, and theories pertaining to ideal gases, thermodynamics, equilibrium, chemical kinetics, and electrochemistry.	Obtain, evaluate, and integrate information from various sources, and determine its relevance.
Apply chemical theories or laws to solve quantitative and qualitative chemical problems	Execute mathematical operations accurately.
Evaluate and assess chemical data and relate data to chemical theories	Prioritize a set of tasks and manage time effectively
Conduct online laboratory experiments and draw conclusions from collected experimental data and results	Accept responsibility for their decisions, actions, and non-actions.

Lecture times and delivery mode

Course Number	Lecture Section	Lecture Times	Delivery Mode	Location
1302A	001	Mondays, Wednesdays, and Fridays 10:30 – 11:30 am	In-person	MC-110

Course schedule

Below is a list of tentative scheduled topics that will be covered this semester along with the assessments due each week. Note that the specified dates may change depending on whether or not the content for the week has been covered. The full detailed schedule is posted under the Course Info tab on OWL.

Week	Content Covered	Assessments
W1: Sept 8th – 10th	Course Introduction **Chapter 1: Gases** *Topic 1.1: Gases*	No assessments due
W2: Sept 13th – 17th	**Chapter 1: Gases** *Topic 1.2: The Ideal Gas Law*	
W3: Sept 20th – 24th	**Chapter 2: Thermodynamics and Thermochemistry** *Topic 2.1: Heat, Work, and Energy*	*Mastering Chemistry Quiz # 1 (due Sept 21st)
W4: Sept 27th – Oct 1st	**Chapter 2: Thermodynamics and Thermochemistry** *Topic 2.2: Enthalpy*	Mastering Chemistry Quiz # 2 (due Sept 28th)
W5: Oct 4th – 8th	**Chapter 2: Thermodynamics and Thermochemistry** *Topic 2.3 Entropy and Spontaneous Change* *Topic 2.4: Free Energy*	Mastering Chemistry Quiz # 3 (due Oct 5th)
W6: Oct 12th – 15th *No class on Oct 11th (Thanksgiving Holiday)*	**Chapter 3: Chemical Equilibrium** *Topic 3.1: The Equilibrium Constant*	Mastering Chemistry Quiz # 4 (due Oct 12th)
W7: Oct 18th – 22nd	**Chapter 3: Chemical Equilibrium** *Topic 3.2: Solubility of Ionic Compounds*	Mastering Chemistry Quiz # 5 (due Oct 19th) Midterm Exam (Oct 23rd 9 – 11 am)
W8: Oct 25th – 29th	**Chapter 3: Chemical Equilibrium** *Topic 3.3: Weak Acids and Bases*	Mastering Chemistry Quiz # 6 (due Oct 26th)
Fall Reading Week (Nov 1st – 7th)	No classes and content covered	No assessments

W9: Nov 8th – 12th	**Chapter 3: Chemical Equilibrium** *Topic 3.4: Buffers*	
W10: Nov 15th – 19th	**Chapter 4: Electrochemistry** *Topic 4.1: Redox Reactions* *Topic 4.2: Voltaic Cells*	Mastering Chemistry Quiz # 7 (due Nov 23rd)
W11: Nov 22nd – 26th	**Chapter 4: Electrochemistry** *Topic 4.3: Electrolysis and Electrolytic Cells* *Topic 4.4: Batteries*	Mastering Chemistry Quiz # 8 (due Nov 23rd)
W12: Nov 29th – Dec 3rd	**Chapter 5: Kinetics** *Topic 5.1: Reaction Rates and Rate Laws*	Mastering Chemistry Quiz # 9 (due Nov 30th)
W13: Dec 6th – 8th	**Chapter 5: Kinetics** *Topic 5.2: Reaction Mechanisms and the Arrhenius Equation*	Mastering Chemistry Quiz # 10 (due Dec 7th)

* Mastering chemistry quizzes are due at 11:59 pm of the day of the deadline

Key Dates

Classes begin: September 8, 2021
Midterm Exam: October 23rd, 2021 9 – 11 am
Reading Week: November 1–7, 2021
Classes end: December 8, 2021

Contingency plan for an in-person class pivoting to 100% online learning
In the event of a COVID-19 resurgence during the course that necessitates the course delivery moving away from face-to-face interaction, all remaining course content will be delivered entirely online, either synchronously (i.e., at the times indicated in the timetable) or asynchronously (e.g., posted on OWL for students to view at their convenience). The grading scheme will **not** change. Any remaining assessments will also be conducted online as determined by the course instructor.

4. Course Materials

A) Chemistry 1302 Course Workbook, 2021-22 Edition. ISBN: 9781533925503

- This workbook was designed by the faculty in the Department of Chemistry with you and your learning in mind. This is the "textbook" for this course. Both digital and hard copies are available for purchase. Physical or digital copies may be purchased at the Western Bookstore:

  https://bookstore.uwo.ca/product/9781533939746

B) Chemistry 1302 Laboratory Manual, 2021-22 Edition, ISBN: 9781533925688

- Older editions may not be used. The 2021-22 edition contains information on the labs this semester. The lab manual may be purchased at the bookstore:

  https://bookstore.uwo.ca/product/9781533941787

C) Mastering Chemistry access code

- The mastering chemistry access code is required to complete all the quizzes. The access code can be purchased online at the Western bookstore:

  https://bookstore.uwo.ca/product/cebcodeid30214

  Once you have purchased your code, follow the registration details on the 'Course Info' tab on OWL.

D) Web-Enabled Device for iClicker Questions (Smartphone, tablet, laptop, etc)

- The iClicker/REEF audience response system ("clickers") will be used to ask concept-based questions throughout the lectures. The purpose of the iClicker questions is to provide you and your instructor feedback on your understanding of a course concept in a manner where you can actively participate in class. Your responses to the questions are not marked and as such will not affect your final grade in the course. While participation is not required, it is strongly recommended as students who participate tend to earn a higher grade on the midterm and final exam. The software is free to use as a Western student. See the iClickers tab on OWL for more information.

E) Scientific Calculator

- Required to complete the problems in the quizzes, exams, and lab reports.

Students are responsible for checking the course OWL site (http://owl.uwo.ca) on a regular basis for news and updates. This is the primary method by which information will be disseminated to all students in the class.

All course material will be posted to OWL: http://owl.uwo.ca.

If students need assistance with the course OWL site, they can seek support on the OWL Help page. Alternatively, they can contact the Western Technology Services Helpdesk. They can be contacted by phone at 519-661-3800 or ext. 83800.

5. Methods of Evaluation

Students will receive a single, final grade assessing their performance in the laboratory and lecture sections.

Component	Notes	Weight
Laboratory	Four experiments (4% each)	16%
Mastering Chemistry Quizzes	Ten online quizzes (1% each)	10%
Midterm Exam (covers chapters 1 and 2)	Oct 24th 2:00 - 4:00 pm	32%
Final Exam (cumulative)	Scheduled by the Office of the Registrar, 3 hours in length	42%

IMPORTANT – To obtain credit for the course, all four requirements must be met:

- Achieve a minimum grade of 50% on the final exam
- Achieve a minimum grade of 50% on the lab component
- Miss no more than two experiments, whether excused or not
- Achieve an overall grade equal to or greater than 50%.

Accommodated Evaluations

If you are unable to meet a course requirement due to illness or other serious circumstances, you must seek approval for the absence as soon as possible. Approval can be granted either through a self-reporting of your absence or via the Academic Counselling unit of your home faculty or by submitting a request for an academic consideration:

https://www.uwo.ca/sci/counselling/procedures/academic_consideration_for_absences/index.html

There are no make-up opportunities for the missed labs. If you are unable to complete an online lab prior to the deadline and are granted academic consideration through the self-reporting system or

your faculty's Academic Counselling Office, the weight of the missed lab (4%) will be shifted onto your other labs. Once your absence is approved, you do not need to contact us; we will automatically perform the reweighting for you. If the missed lab submission is not approved, the missed lab will be given a mark of zero.

If you are unable to write the midterm exam, then you must seek academic consideration at least 24 hours before the scheduled midterm exam. Academic consideration will **not** be granted automatically on request. Students must demonstrate that there are compelling medical or compassionate grounds before academic consideration will be considered. **Students must notify their instructor at least 24 hours prior to the scheduled midterm if they are unable to write the midterm.** Failure to do so may result in denial of the academic consideration and a grade of zero for the midterm. If your academic consideration is accepted, then you may be eligible to write a make-up midterm. Your instructor will inform you of the date of the make-up midterm, which will take place approximately within 1 -2 weeks after the scheduled midterm. If you are unable to write the midterm or make-up midterm, then your midterm exam weight may be added to the final exam.

6. Student Absences

Academic Consideration for Student Absences
Students who experience an extenuating circumstance (illness, injury or other extenuating circumstance) sufficiently significant to temporarily render them unable to meet academic requirements may submit a request for academic consideration through the following routes:

(i) Submitting a Self-Reported Absence (SRA) form provided that the conditions for submission are met. To be eligible for a Self-Reported Absence:

- an absence must be no more than 48 hours
- the assessments must be worth no more than 30% of the student's final grade
- no more than two SRAs may be submitted during the Fall/Winter term

(ii) For medical absences, submitting a Student Medical Certificate (SMC) signed by a licensed medical or mental health practitioner to the Academic Counselling office of their Faculty of Registration.

(iii) Submitting appropriate documentation for non-medical absences to the Academic Counselling office in their Faculty of Registration.

Note that in all cases, students are required to contact their instructors within 24 hours of the end of the period covered, unless otherwise instructed in the course outline.

Students should also note that individual instructors are not permitted to receive documentation directly from a student, whether in support of an application for consideration on medical grounds, or for other reasons. **All documentation required for absences that are not covered by the Self-Reported Absence Policy must be submitted to the Academic Counselling office of a student's Home Faculty.**

For the policy on Academic Consideration for Student Absences – Undergraduate Students in First Entry Programs, see:

https://www.uwo.ca/univsec/pdf/academic_policies/appeals/accommodation_illness.pdf

and for the Student Medical Certificate (SMC), see:

http://www.uwo.ca/univsec/pdf/academic_policies/appeals/medicalform.pdf.

Religious Accommodation

When a course requirement conflicts with a religious holiday that requires an absence from the University or prohibits certain activities, students should request accommodation for their absence in writing at least two weeks prior to the holiday to the course instructor and/or the Academic Counselling office of their Faculty of Registration. Please consult University's list of recognized religious holidays (updated annually) at

https://multiculturalcalendar.com/ecal/index.php?s=c-univwo.

Absences from Final Examinations

If you miss the Final Exam, please contact the Academic Counselling office of your Faculty of Registration as soon as you are able to do so. They will assess your eligibility to write the Special Examination (the name given by the University to a makeup Final Exam).

You may also be eligible to write the Special Exam if you are in a "Multiple Exam Situation" (e.g., more than 2 exams in 23-hour period, more than 3 exams in a 47-hour period).

If a student fails to write a scheduled Special Examination, the date of the next Special Examination (if granted) normally will be the scheduled date for the final exam the next time this course is offered. The maximum course load for that term will be reduced by the credit of the course(s) for which the final examination has been deferred. See the Academic Calendar for details (under Special Examinations).

6. Accommodation and Accessibility

Accommodation Policies

Students with disabilities work with Accessible Education (formerly SSD), which provides recommendations for accommodation based on medical documentation or psychological and cognitive testing. The policy on Academic Accommodation for Students with Disabilities can be found at:

https://www.uwo.ca/univsec/pdf/academic_policies/appeals/Academic Accommodation_disabilities.pdf,

7. Academic Policies

The website for Registrarial Services is http://www.registrar.uwo.ca.

In accordance with policy,

https://www.uwo.ca/univsec/pdf/policies_procedures/section1/mapp113.pdf,

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

[Required] Aside from your scientific calculator, no other electronic devices (phones, iPods, smartwatches, etc.) may be in your possession during tests and exams, even for timekeeping purposes.

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:

http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf.

Computer-marked multiple-choice tests and exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

Audience response systems ("clickers") will be used to collect information during class. The data collected using the devices will not be used for research purposes without your consent.

In the event of a COVID-19 resurgence during the course that necessitates the course delivery moving away from face-to-face interaction, tests and examinations in this course will be conducted using a remote proctoring service. By taking this course, you are consenting to the use of this software and acknowledge that you will be required to provide **personal information** (including some biometric data) and the session will be **recorded**. Completion of this course will require you to have a reliable internet connection and a device that meets the technical requirements for this service. More information about this remote proctoring service, including technical requirements, is available on Western's Remote Proctoring website at:
https://remoteproctoring.uwo.ca.

8. Support Services

Please visit the Science & Basic Medical Sciences Academic Counselling webpage for information on adding/dropping courses, academic considerations for absences, appeals, exam conflicts, and many other academic related matters: https://www.uwo.ca/sci/counselling/.

Please contact the course instructor if you require lecture or printed material in an alternate format or if any other arrangements can make this course more accessible to you. You may also wish to contact Accessible Education at (519) 661-2147 if you have any questions regarding accommodations.

Western University is committed to a thriving campus as we deliver our courses in the mixed model of both virtual and face-to-face formats. We encourage you to check out the Digital Student Experience website to manage your academics and well-being: https://www.uwo.ca/se/digital/.

Learning-skills counsellors at the Student Development Centre (http://www.sdc.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-round through individual counselling.

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

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

This course is supported by the Science Student Donation Fund. If you are a BSc or BMSc student registered in the Faculty of Science or Schulich School of Medicine and Dentistry, you pay the Science Student Donation Fee. This fee contributes to the Science Student Donation Fund, which is administered by the Science Students' Council (SSC). One or more grants from the Fund have allowed for the purchase of equipment integral to teaching this course. You may opt out of the Fee by the end of September of each academic year by completing the online form linked from the Faculty of Science's Academic Counselling site. For further information on the process of awarding grants from the Fund or how these grants have benefitted undergraduate education in this course, consult the Chair of the Department or email the Science Students' Council at ssc@uwo.ca.

9. Student and Classroom Conduct

The classes in this course are intended to provide you with an opportunity to learn in a safe and inclusive environment. Both the instructors and students have a collective responsibility to establish a safe classroom environment. **Due to the COVID-19 pandemic, everyone will be required to wear a mask at all times in the classroom**.

Other classroom policies include:

- Not talking to each other when class is in session
- Arriving to class on time
- Switching off your cell phones when you arrive to class
- Not eating meals or snacks in class
- Not leaving during classes unless it is an emergency. Please inform the instructor at the start of class if you have to leave the class early

Disruptive classroom behaviour will not be tolerated. Students in class who persist in loud, rude, or otherwise disruptive and inappropriate will be asked to leave and may receive further academic penalties as determined by the instructor. Student must also communicate with the instructors in a polite and professional email in-class and through email. Further information on the Code of Student Conduct can be found by accessing the link:

https://www.uwo.ca/univsec/pdf/board/code.pdf

10. Labs

All labs will be completed **in-person**. **In the event of a COVID-19 resurgence during the course that necessitates the course delivery moving away from face-to-face interaction**, the labs will be completed online. Your instructor notify of any changes in the lab schedule.

Lab Schedule:

The full lab schedule will be posted to the OWL site. Students from each section will be divided into five groups (G1 - G5). Please note, that sections 015 and 016 will act as one section. Each group will be sub-divided into three zones(B, C and 110). Each group will perform the in-person experiments starting on different weeks. Your group and zone will be posted on OWL by Monday, September 13th. Please check the group and zone assigned to you for that particular experiment before coming to the in-person lab. Please ensure that you attend the correct lab section as indicated on your Western timetable.

Lab Sections	Day	Time	Location
014	Monday	2:30 – 5:30 pm	Check zone assignment on OWL
015 and 016	Monday	6:00 – 9:00 pm	Check zone assignment on OWL
022	Tuesdays	9:30 am – 12:30 pm	Check zone assignment on OWL

Submission:

Students will complete four labs in the course. Each lab will consist of a pre-lab component and a lab report component. The pre-lab exercises will be completed through the Hayden McNeil site and must be submitted online by 11:55 pm the day before your scheduled in person lab. Lab reports must be submitted by the deadline through the appropriate OWL lab drop box folder. For any late report submissions, a mark of zero will be assigned unless an academic consideration has been approved.

Location:

Three laboratory zones will be used to conduct all in-person labs: Materials Science Addition (MSA) 1220 zone B, MSA zone D and Chemistry building room 110. Your zone assignment will be posted on OWL.

Safety and Personal Protective Equipment:

Western is committed to workplace health and safety. All students, teaching assistants, instructors, and technical staff are required to wear the following safety attire at all times when present in the lab:

A) Eye Protection

Safety glasses or goggles must be worn whenever you are in the lab. Student who wear prescription glasses must wear appropriate safety glasses or goggles over their regular glasses. You must inform your lab TA if you wear contact lenses.

B) Lab Coat

The Occupational Health & Safety Office at Western mandates "shoulder-to-toe" coverage for all individuals present in the lab. As such, students are expected to bring their lab coat and wear it at all times in the lab.

C) Pants, socks, and footwear

Students must wear ankle-length pants and socks that cover the whole foot. Shorts, sandals, or any other clothing that exposes your skin to chemicals (e.g. jeans with rips in them) are not permitted in the lab.

Preparation:

Below is a checklist that students should follow before entering the lab:

- Read the Safety Regulations, Lab Conduct Agreement, and Introduction in the lab manual
- Complete the pre-lab exercises by **11:59 pm the day before your scheduled experiment**
- Bring your lab manual, lab coat, and safety glasses to every experiment. **Note – you will not be permitted to perform the experiment if you do not bring the appropriate lab attire**

Lateness Policy:

Any student who arrives after the doors to the lab have been closed is considered to be late and will not be permitted to perform the experiment. Students will have the option to complete an online version of the lab to make up the marks if they are late to any experiment.

11. Mastering Chemistry Quizzes

Students will complete ten online quizzes through the Pearson Mastering Chemistry software. Registration information for Mastering Chemistry is posted to the 'Course Info' tab on OWL. An access code is needed to complete the quizzes and is available for purchase in the Western Bookstore. For any technical issues with Mastering Chemistry, please contact Pearson technical support (see link below), not your instructor.

https://www.pearsonmylabandmastering.com/northamerica/masteringchemistry/students/support/index.html

Each quiz will consist of 10 – 15 questions. The quiz will be available for completion for a week (see section 14 below for quiz due dates). There is a total of 10 quizzes and each quiz is worth 1%. You must use your official **Western email address** for your Mastering Chemistry account. Quizzes completed with non-Western emails will not be graded and will receive a mark of zero. You will have 1 week to complete each mastering chemistry quizzes. The quizzes are not timed and you may save your work, exit, and then return to the quizzes. The quizzes must be submitted by the deadline. Below is the schedule for the mastering chemistry quizzes this semester:

Quiz	Content Covered	Quiz Availability	Quiz Deadline
1	Chapter 1: *Topics 1.1 and 1.2b*	Sept 14th 11:59 pm	Sept 21st 11:59 pm
2	Chapter 2: *Topic 2.1*	Sept 21st 11:59 pm	Sept 28th 11:59 pm
3	Chapter 2: *Topic 2.2*	Oct 5th 11:59 pm	Oct 12th 11:59 pm
4	Chapter 2: *Topics 2.3 and 2.4*	Oct 12th 11:59 pm	Oct 19th 11:59 pm
5	Chapter 3: *Topics 3.1*	Oct 19th 11:59 pm	Oct 26th 11:59 pm
6	Chapter 3: *Topic 3.2*	Oct 26th 11:59 pm	Oct 29th 11:59 pm
7	Chapter 3: *Topics 3.3 and 3.4*	Nov 9th 11:59 pm	Nov 16th 11:59 pm
8	Chapter 4: *Topics 4.1 and 4.2*	Nov 16th 11:59 pm	Nov 23rd 11:59 pm
9	Chapter 4: *Topics 4.3 and 4.4*	Nov 23rd 11:59 pm	Nov 30th 11:59 pm
10	Chapter 5: *Topic 5.1*	Nov 30th 11:59 pm	Dec 7th 11:59 pm

12. Midterm and Final Exam

The midterm test covers all content from weeks 1 -5 (chapters 1 and 2). The midterm will take place on **October 23rd from 9 – 11 am.** Your instructor will inform you of the midterm location and structure closer to the midterm date. Graded midterm exams and scantrons will not be returned to the students.

The final exam is cumulative and will take place during the scheduled final examination period from December 10th – 21st, 2021. You will have **3 hours** to complete the final exam. Your instructor will inform you of the exact date and time when the information becomes available. **You must receive a minimum grade of 50% on the final exam to pass the course.**

13. Equal Opportunity and Evaluation Policy

Western University is committed to academic integrity. All students will be treated equally and evaluated using the criteria presented in this course outline and their respective weights. The evaluation criteria are based strictly on actual achievement, not on effort or how hard the student worked. Claims of an excellent academic history, of attendance in the course components, or of personal issues (family, relationships, financial, etc) cannot be used to justify receiving a higher grade in the course. There is no extra work available to make up another grade. The requirement for a higher grade in order to, for example, maintain a scholarship, enter a program, or obtain a higher GPA for various reasons, is not a justifiable reason for increasing your grade. Increasing a grade for various reasons is not fair to the other students in the course and is a great disservice to the scholarships and programs who are evaluating all students on the basis of their grades. Do **not** ask your instructor to increase your grade for any assessment.

14. Academic Integrity

Violations of academic integrity are taken very seriously. Carelessness or ignorance is not a defense for violations of academic integrity. The University policy on cheating plagiarism, or other scholastic offenses can be found by accessing the link.

http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf.

Scholastic offenses include but are not limited to cheating on a test or exam, plagiarizing a course assignment, and copying information from websites or textbooks without referencing the appropriate sources. A student who is caught cheating or committing any other violation of academic integrity will result in a mark of zero for that grade item and may be subject to further academic penalty, which may include expulsion from the program.

15. Common Concerns

The table below summarizes a list of common student concerns and how they are to be resolved. If you have a concern that is not listed here, then please email your instructor.

Concern	How to address concern
Issues with Mastering Chemistry Quizzes	If you believe that there is a content errors with a question, then you may send an email to chem1302@uwo.ca with the subject title '*1302A Mastering Chemistry Quiz*' and include the following: • Quiz # (i.e. quiz # 1) • Question name/title • Brief explanation of your concern, and a complete screenshot of the question. For any technical issues (access, account, registration, etc), review the PDF provided on OWL and then reach out to Pearson Support for help:

	https://www.pearsonmylabandmastering.com/northamerica/masteringchemistry/students/support/index.html
All lab-related course matters	Attend the resource room hours to consult with your TAs if you have specific questions in your lab report. If you have questions about lab policies (submitting lab reports, missing labs, etc), then read through the lab manual and section 10 of this document for policies. If you still have questions or concerns, then email chem1302@uwo.ca with the subject title '*1302A Lab*'
Understanding a course concept	Attend the resource room hours to consult with your TAs. You may also post a question to the appropriate folder on the OWL forums. Students are encouraged to ask questions during lectures and attend Dr. Kochhar's office hours.
Appealing a final grade	A student requesting an appeal to a specific course with respect to a grade for an assignment or examination must first contact Dr. Kochhar to discuss such manners. Visit the following website for a guide on submitting an appeal: https://www.uwo.ca/sci/counselling/procedures/appeals/