

Earth Sciences 1022B (Earth Rocks!) Course Outline

1. Course Information

Course Information

Earth Sciences 1022B

Academic Term: Spring 2025-26

Lecture Hours: In-person; Two 1 hr. lectures/week

Laboratory Hours: In-person; One 2 hr. lab session/week (see Section 3 for schedule)*

List of Prerequisites and Antirequisites

Prerequisites: None Antirequisites: ES1022A, ES1070A/B, ES1081A/B

If you have antirequisites for this course, you may be removed and withdrawn from this course in accordance with university policy. This may be done after the add/drop deadline of the academic term, and the course will be marked as withdrawn (WDN) on your academic record. This decision may not be appealed.

2. Instructor Information

Instructors	Email	Office	Phone	Office Hours
Dr. Cam Tsujita (Course Coordinator and Instructor)				Mon., Wed. 1:30-3:30 pm or by appt.
Teaching Assistants (TAs)	Email			Office Hours
TBA				Contact your TA(s) directly via email.

Note on emailing instructors/TAs: Students must use their Western (@uwo.ca) email addresses and put the *course number* **Earth Sciences 1022B** in the subject line when contacting their instructors. If you have a question for which you would require a direct response from me (Cam, your instructor), feel free to email me at ctsujita@uwo.ca

Office Hours: 1:30-3:30 pm on Mondays and Wednesdays, B&GS1064 (Cam's office). Please email me (Cam) to give me a heads-up that you plan on dropping by (to ensure I'm actually there when you come by).

3. Course Syllabus, Schedule, Delivery Mode

Objectives of this course: This course is designed to introduce students to the “stuff” the Earth is made of (minerals, rocks and associated materials), the significance of these materials to the understanding of the internal and external processes that shape the face of our highly dynamic planet, the many ways Earth’s processes and materials affect the lives of humans (in the context of natural resources and natural disasters such as volcanoes, earthquakes and floods), and major changes that have occurred in the Earth system over its ~4.6 billion year history.

Course-level learning outcomes:

Upon successful completion of this course, the student will be able to:

1. Identify and classify common minerals, rocks and other Earth materials based on their physical characteristics.
2. Describe how these materials (in item #1) are used in the interpretation of Earth’s external and internal processes and geologic age.
3. Integrate observational and theoretical information to explain why and how natural disasters (e.g. earthquakes, volcanic eruptions, tsunamis, landslides) occur, how natural resources are formed, and how the Earth system has evolved through time.

Background Required: This course is intended for (but not limited to) students registered in faculties other than Science.

Delivery Format:

Lectures: In-Person

Lecture slides and transcripts will be posted on OWL each week according to the course schedule below (Course Schedule for ES1022B).

Labs: in-Person; Consult your personal timetable for time and day

Lab Schedule:

The times of individual lab sections are as follows (refer to your personal timetable and make sure you know which section you are scheduled for):

Lab Section 002 Tuesdays, 10:30 am - 12:30 pm

Lab Section 003 Wednesdays, 1:30 - 3:30 pm

Lab Section 004 Wednesdays, 3:30 pm - 5:30 pm

Lab Section 005 Thursdays, 1:30 - 3:30 pm

Lab Section 006 Thursdays, 3:30 pm - 5:30 pm

Laboratory assignments will be provided as downloadable pdf files on OWL. You will be required you to print out the worksheets (which will be handed in for marking). It is recommended that students read lab assignments before the lab sessions to ensure they are prepared for the in-lab exercises.

Note: if you need to change the lab section you are officially registered in (according to the Office of the Registrar), you **must** ask your instructor for approval and make the change through the Office of the Registrar. This is because your TAs need to be able to keep track of exactly who is in each lab section. If approved, you must then confirm both your instructor and TAs of both sections of your intent to attend a different section.

Weekly Quizzes: Asynchronous Online (via Mastering Geology). Each week’s quiz will open on Thursday at 12:00 am and will be due the following Thursday at 11:55 pm; see course schedule below).

Note on Learning Course Content: As with any university course, you are responsible for understanding **all** material presented in the lectures, so it is very important to dedicate a significant amount of time to attend all lectures (~ 1 hour for each lecture) and to read associated the supplementary material (e.g. e-text readings). Note that **some of the lectures cover topics that are treated only superficially in the text**. The exams will draw from material covered in the lectures, but the e-text readings, as well as exercises provided in Mastering Geology will provide additional background that will aid in the understanding of the concepts.

Course Schedule for ES1022B (Winter, 2025-26)

Please view the “**Course Introduction**” material at the top of the “**Course Content**” subpage on the **OWL site** before proceeding to the Week 1 material. This will provide information on the logistics of the course.

Week	Day	Date of Lecture	Lecture Topics <i>(and Suggested Chapter Readings in “Earth” E-text)</i> Note lectures will be released and linked on OWL (in “Course Content” on the dates indicated). E-text readings should be done prior to attending the associated lectures.	Mastering Geology Quizzes (due by 11:55 pm on date indicated; always Thursday).	Lab Topics & Test / Exam Dates)	OWL Forums (due 11:55 pm on Thurs.)
Wk. 1 (Jan. 4-10)	Tu	Jan. 6	Lecture 1: The Earth System <i>Chapter 1: An Introduction to Geology and Plate Tectonics</i>	No quiz this week	No Labs	No Forums
	Th	Jan. 8	Lecture 2: Minerals <i>Chapter 2: Minerals: The Building Blocks of Rocks</i>			
Wk. 2 (Jan. 11-17)	Tu	Jan. 13	Lecture 3: Igneous Rocks <i>Chapter 3: Igneous Rocks</i>	Quiz 1 on Wk. 1 material (Intro, Minerals) opens Th., Jan. 16.	Attend Lab 1 (Minerals) Due at end of lab session (same day).	Wk. 2 Forum opens (Th.)
	Th	Jan. 15	Lecture 4: Volcanoes <i>Chapter 4: Volcanoes and Volcanic Processes</i>			
Wk. 3 (Jan. 18-24)	Tu	Jan. 20	Lecture 5: Weathering and Sedimentary Rocks <i>Chapter 5: Weathering and Soil</i> <i>Chapter 6: Sedimentary Rocks</i>	Quiz 1 on Wk. 1 material (Intro, Minerals) due Th., Jan. 22.	Attend Lab 2 (Igneous Rocks) Due at end of lab session (same day).	Wk. 2 Forum due (Th.)
	Th	Jan. 21	Lecture 6: Metamorphic Rocks <i>Chapter 7: Metamorphism and Metamorphic Rocks</i>	Quiz 2 on Wk. 1 material (Ign. Rocks, Volcanoes) opens Th., Jan. 22.		Wk. 3 Forum opens (Th.)
Wk. 4 (Jan. 25-31)	Tu	Jan. 27	Lecture 7: Geologic Time <i>Chapter 8: Geologic Time</i>	Quiz 2 on Wk. 2 material (Ig. Rocks, Volcanoes) due Th., Jan. 29	Attend Lab 3 (Sed. And Met. Rocks) Due at end of lab session (same day).	Wk. 3 Forum due (Th.)
	Th	Jan. 29	Lecture 8: Deformation <i>Chapter 9: Crustal Deformation</i>	Quiz 3 on Wk. 4 material (Weathering, Sed.& Met. Rocks) opens Th., Jan. 29		Wk 4 Forum opens (Th.)

Wk. 5 (Feb. 1-7)	Tu	Feb. 3	Lecture 9: Earthquakes and Earth's Interior <i>Chapter 10: Earthquakes and Earth's Interior</i>	Quiz 3 on Wk. 3 material (Weathering, Sed. Rocks, Met. Rocks) due Th., Feb. 5.. Quiz 4 on Wk. 4 material (Geo.Time, Deformation) opens Th., Feb. 5..	Lab Review (Labs 1-3)	Wk 4 Forum due (Th.)
	Th	Feb. 5	Midterm Lecture Exam (regular class time, location TBA; see OWL Announcements for Details)			Wk 5 Forum opens (Th.)
Wk. 6 (Feb. 8-14)	Tu	Feb. 10	Lecture 10: The Ocean Floor <i>Chapter 11: The Ocean Floor</i>	Quiz 4 on Wk. 4 material (Geo.Time, Deformation) due Th., Feb.12 Quiz 5 on Wk 5 material (Earthquakes) opens Th., Feb.12	Lab Test 1 (on minerals and rocks; labs 1-3 inclusive)) .	Wk 5 Forum due (Th.)
	Th	Feb. 12	Lecture 11: Plate Tectonics <i>Chapter 12: Plate Tectonics: The Framework for Modern Geology</i>			Wk 6 Forum opens (Th.)
Wk. 7 (Feb. 15-21)	Feb. 15-21		Spring Reading Week (No Classes or Labs)			
Wk. 8 (Feb. 22-28)	Tu	Feb. 24-	Lecture 12: Mountain building <i>Chapter 13: Mountain Building and Continental Frameworks</i>	Quiz 5 on Wk. 5 material (Earthquakes) due Th., Feb. 26. Quiz 6 on Wk. 6 material (Ocean Floor and Plate Tectonics) opens Th., Feb. 26.	Attend Lab 4 (Strat. Principles) Due at the beginning of your lab session the following week.	Wk 6 Forum due (Th.)
	Th	Feb. 26	Lecture 13: Mass Wasting <i>Chapter 14: Mass Wasting: The Work of Gravity</i>			Wk 8 Forum opens (Th.)
Wk. 9 (Mar. 1-7)	Tu	Mar. 3	Lecture 14: Streams Chapter 15: Running Water	Quiz 6 on Wk. 6 material (Ocean Floor, Plate Tectonics) due Th., Mar. 5. Quiz 7 on Wk. 8 material (Mtn. Building, Mass Wasting) opens Th., Mar. 5.	Submit Lab 4. Attend Lab 5 (Structural Geology)	Wk 8 Forum due (Th.)
	Th	Mar. 5	Lecture 15: Groundwater Chapter 16: Groundwater			Wk 9 Forum opens (Th.)
Wk. 10 (Mar. 8-14)	Tu	Mar. 10	Lecture 16: Glaciation <i>Chapter 17: Glaciers and Glaciation</i>	Quiz 7 on Wk. 8 material (Mtn. Building, Mass Wasting) due Th., Mar. Mar. 12. Quiz 8 on Wk. 9 material (Streams, Groundwater) opens Th., Mar. 12.	Submit Lab 5 Attend Lab 6 (Geologic Maps)	Wk 9 Forum due (Th.)
	Th	Mar. 12	Lecture 17: Wind <i>Chapter 18: Deserts and Winds</i>			Wk 10 Forum opens (Th.)

Wk. 11 (Mar. 15-21)	Tu	Mar. 17	Lecture 18: Coastlines <i>Chapter 19: Shorelines</i>	Quiz 8 on Wk. 9 material (Streams, Groundwater) due Th., Mar. 19., Quiz 9 on Wk. 10 (Glaciation, Wind) opens Th., Mar. 19.	Submit Lab 6; Lab Review (ahead of Lab Test 2, focusing on Labs 4-6)	Wk 10 Forum due (Th.)
	Th	Mar. 19	Lecture 19: Mineral Resources I <i>Chapter 20: Mineral and Energy Resources</i>			Wk 11 Forum opens (Th.)
Wk. 12 (Mar. 22-28)	Tu	Mar. 24	Lecture 20: Mineral Resources II <i>Chapter 20: Mineral and Energy Resources</i>	Quiz 9 on Wk. 10 material (Glaciation, Wind) due Th., Mar. 26. Quiz 10 on Wk. 11 material (Coastlines) opens Th., Mar. 26.	No labs, but pick up marked Lab 6.	Wk 11 Forum due (Th.)
	Th	Mar. 26	Lecture 21: Energy Resources <i>Chapter 20: Mineral and Energy Resources</i>			Wk 12 Forum opens (Th.)
Wk. 13 (Mar. 29-Apr. 4)	Tu	Mar. 31-Apr. 2	Catching up on lecture material if necessary, Q & A Review time permitting.	Quiz 10 on Wk 11 material (Wind, Coastlines) due Th., Apr. 2.. Quiz 11 on Wk. 12 material (Mineral Resources) opens Th., Apr. 2. Due Th., Apr. 9.	Lab Test 2, focusing on Labs 4-6 (see OWL for details)	Wk 12 Forum due (Th.)
	Th	Apr. 2	Q & A Review			(Th.) Due next Th

Key Sessional Dates

Classes begin: Monday, January 5, 2026

Spring Reading Week: February 14 – 22, 2026

March 30, 2026: Last day to add or drop a second-term half course or a second-term full course

Tuesday, January 13, 2025. Courses dropped by this date will not appear on a transcript. Courses dropped after this date will appear on a transcript with a grade of ‘WDN’ (withdrawn, without academic penalty). Course withdrawals after this date will appear on a transcript with a grade of ‘F.’

Classes end: April 9, 2026

Exam period: April 12 – 30, 2026

Contingency plan

Although the intent is for this course to be delivered in person, should any university-declared emergency require some or all of the course to be delivered online, either synchronously or asynchronously, the course will adapt accordingly. The grading scheme will not change. Any assessments affected will be conducted online as determined by the course instructor.

4. Course Materials

Required Materials (Student to Purchase):

Textbook: *Earth: An Introduction to Physical Geology, Updated 4th Canadian Edition* (Tarbuck, Lutgens, Tsujita and Hicock, 2019) **with Mastering Geology**. Purchase online via the Western Book Store via this link: [e-text bookstore link](#)). **The cost of the Mastering Geology + e-text digital**

package is \$80.00 CDN. Note: When registering for **Mastering Geology**, you **must use your Western email address as your Pearson Account username**. When prompted for course id, use: **tsujita93794**. Further instructions on ordering and registering this Pearson product (Mastering Geology with e-text) are provided on OWL. Note that you must purchase the e-text with Mastering Geology as you will be doing quizzes on that platform).

Lectures, lab assignments and other course materials: Other than the e-text and Mastering Geology, all essential course materials are made available on OWL (<http://owl.uwo.ca>)

Where to view course material:

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 students in the class.

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

Technical Requirements:

If a health crisis lock-down necessitates migration of the course to an online format, it will be important to have a stable internet connection and a computer with working microphone and/or webcam to view lectures, labs and to online write exams.

5. Methods of Evaluation

As you will see below, we have allocated parts of your course grade to **multiple types of assessments distributed over the term. This is deliberate (and for your benefit)** This design allows students to work for marks in a larger number of smaller installments over time rather than fewer, larger assessments. This means that students have a reasonable opportunity to compensate for a poor grade in one or more of these assessments (e.g. midterm lecture exam or lab test). We regard this as preferable over fewer, higher-stakes, assessments.

Grading Scheme and Assessment Dates

Lecture Portion (70% final grade combined):

- Weekly Online Quizzes (in Mastering Geology; see below*): 10%
- Weekly Online (OWL Forum) Participation (Participation in OWL Lab Forum discussions): 5%
- Midterm Lecture Exam (up to and including “Deformation” lecture): 20%
- Final Lecture Exam (cumulative, but focused on material after “Deformation” lecture): 35%

Lab Portion (30% final grade combined):

- Weekly Lab Assignments: 10%
- Lab Test 1 (on labs 1-3): 10%
- Lab Test 2 (focused on labs 4-6): 10%

Major Test and Exam Dates*:

Lab Test 1: Week of Feb. 8-14, during your regularly scheduled lab session.

Lab Test 2: Week of Mar. 29 – Apr. 4, during your regularly scheduled lab session.

Midterm Lecture Exam (Regular Class Time; Location TBA: Thursday, Feb. 5 (tentative date, subject to change).

Final Lecture Exam (In Person): TBA by Office of the Registrar

Online (Mastering Geology) quizzes

For the purpose of encouraging everyone to stay “on track” in learning the subject matter as it is covered, **online quizzes will be completed (via Mastering Geology)** by students on a weekly basis. There will be a total of 11 quizzes over the course of the term. For the each of the weeks indicated above, you will complete the quiz by **11:55 on the date indicated above (which will always be a Thursday)**. Each quiz will be based on the lecture content covered the previous week. You will have approximately one week (and three (3)) attempts within this time to do each question of each quiz (so you can re-answer any questions you have answered incorrectly). Provided that you have done the e-text readings and have attended the lectures, it should be pretty easy to get good marks in these quizzes. Quizzes submitted after the deadlines indicated will be immediately deducted 10%, then an additional 10% for each subsequent day (24 hours) late). Your quiz mark for the term (10%) will be the average mark of your best 10 (of 11) quizzes.

Participation in OWL Forums

A small portion of the **Lab Portion** grade (and 5% of the final grade) will be based on student participation in OWL Forum discussions. The OWL forums will be monitored by the Instructor and Teaching Assistants to track discussions.

For each designated week (see Course Schedule above), you will be expected to:

1. Answer at least one question posted by your classmates, TA or instructor)
2. Post your own question.

The questions will pertain to the lecture and/or lab content of the previous or current week. You will be provided an initial prompting question at the very beginning of each week’s forum to start the discussion.

You will have one week to participate in each week’s forum. To help you remember the “due date” for the forums, they will open and close on the same time and day as the quizzes (always on a Thursday).

Laboratories

Laboratory Assignments: Laboratory assignments will be provided as downloadable pdf files on OWL. You will be required you to print out the worksheets (which will be handed in for marking). Note: Labs for this course will start on the 2nd week of classes (i.e., week beginning Jan. 11), so there will be no need for you to attend labs up until that week. The first three lab assignments (1-3) will be directly handed at the end of that lab session. The last three lab assignments (4-6) can be handed in a week after the lab session (you will have a longer time to finish those).

Lab assignments handed in late will be deducted 10% of the assignment grade for each day late, up to a week (7 days) after the due date of that lab, after which it will not be marked or assigned a grade.

Format for Midterm and Final Lecture Exams: If written in person, both exams will consist of a combination of multiple choice, fill in the blank & short written answer questions. If written online (if online format is still necessary at that time, the exams will consist of multiple choice and longer written answer questions. The Midterm (Lecture) Exam will be 50 minutes long and the Final (Lecture) Exam will be 2 hours long.

Policy on Late Submission of Lab Assignments and Quizzes

All labs and lecture quizzes completed and submitted after the deadlines specified will be deducted 10% for each day late. If you miss, or anticipate missing, a lab due to medical (or other legitimate reasons), report your absence to the head (instructional) TA of the relevant lab to arrange an alternate date to complete and submit the assignment(s).

Accommodated Evaluations

For students with accommodations, the midterm and final lecture exams may be written via Accommodated Exams if approved by Student Accessibility Services (SAS). Student must register with and/or seek accommodation through SAS and Accommodated Exams Services in a timely fashion; see Section 7 (Accommodation and Accessibility) below for more details.

As the **lab tests (Lab Test 1 and Lab Test 2)** involve the identification of mineral and rock specimens, they must be physically be written in person in the lab room (B&GS1015) where the specimens can be laid out for observation and therefore cannot be accommodated through Accommodated Exams. In such cases, accommodated students must arrange an alternate time and date with the instructor of the course (ctsujita@uwo.ca) to allow their accommodations to be met.

Use of Generative AI Tools

The use of generative AI is not permitted for any marked assessment in this course . As this is a lab-based course, this is unlikely to be an issue.

General information about missed coursework

Students must familiarize themselves with the *University Policy on Academic Consideration – Undergraduate Students in First Entry Programs*, posted on the Academic Calendar:

https://uwo.ca/univsec/pdf/academic_policies/appeals/academic_consideration_Sep24.pdf,

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 longer-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/

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

Assessments for which undocumented absences are allowed:

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. This will include:

- Lab assignments
- Forum postings
- Weekly Mastering Geology quizzes

Assessments that **always require formal supporting documentation (with submission to the Student Absence Portal (SAP))**:

- Midterm lecture exam
- Lab tests 1 and 2
- Final lecture exam (scheduled during official examination periods) (Defined by university policy)

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 Assessments

For the Midterm Lecture Exam, and Lab Test 1 and 2, if approved and Academic Consideration has been granted (via the Student Absence Portal (SAP)), the instructor will make arrangements with the student to write a makeup assessment. The student must inform the instructor of the absence within 48 hours of the missed assessment.

When a student misses the Final Exam and their Academic Consideration has been granted, they will be allowed to write the Special Examination (the name given by the University to a makeup Final Exam). See the Academic Calendar for details (under [Special Examinations](#)), especially for those who miss multiple final exams within one examination period.

Essential Learning Requirements

Even when Academic Considerations are granted for missed coursework, the following are deemed essential to earn a passing grade.

You must pass both the lecture portion (combined mark for quizzes, online participation, midterm exam, final exam) **and lab portion** (combined mark for lab assignments, lab tests 1 & 2, and participation in OWL Forums). The **writing of both lecture (midterm and final) exams and both lab tests (1 and 2)** is also **mandatory in order to pass the course**, although it is still possible to pass the course with a failing grade in one or more of these assessments. A passing grade for the course is 50% for all grade components combined.

Coursework with Assessment Flexibility

By policy, instructors may deny Academic Consideration requests for the following assessments with built-in flexibility:

Flexible Completion

Mastering Geology Quizzes and Weekly Forum posts. This course has 11 quizzes, and the 10 quizzes with the highest marks are counted towards your final grade. The same will apply to Weekly Forums. Students must inform the instructor (ctsujita@uwo.ca) of any missed quizzes to request an extended deadline.

Lab Assignments. This course has 6 lab assignments. The 5 lab assignments with the highest marks will be counted towards your final grade. **However**, be warned that the lab tests will be based on content from all 6 lab assignments, so it is still advised to complete all of them.

6. Additional Statements

6.1 Religious Accommodation

When a recognized religious holiday or observance conflicts with an examination, test, or other scheduled academic obligation, students must request accommodation via the University's Student Absence Portal (SAP). This request should identify the conflict and specify which course component(s) (e.g. test, midterm, exam) are affected.

Students are encouraged to submit the SAP request as early as possible, but no later than two weeks before any examination, or one week before any mid-term test or quiz, to allow sufficient time for adjustment.

The SAP request serves as official notification to both the course instructor and the Academic Advising Office, in accordance with University policy:

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

The Faculty of Science considers religious accommodations as scheduling conflicts. Instructors should provide either a make-up exam or an earlier sitting of the same exam to accommodate the student.

For more information on recognized religious holidays, please visit the Diversity Calendar posted on the Equity, Diversity & Inclusion website - <https://www.edi.uwo.ca>

6.2 Academic Accommodation Policies

Students with disabilities are encouraged to contact Accessible Education, 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.

6.3 General Academic Policies

The website for Registrar Services is <https://www.registrar.uwo.ca/>.

Use of @uwo.ca email: 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 email address. It is the responsibility of the account holder to ensure that emails received from the University at their official university address are attended to in a timely manner.

Requests for Relief (formally known as "appeals")

Policy on Request for Relief from Academic Decision:

https://uwo.ca/univsec/pdf/academic_policies/appeals/requests_for_relief_from_academic_decisions.pdf

Procedures on Request for Relief from Academic Decision:

https://uwo.ca/univsec/pdf/academic_policies/appeals/undergrad_requests_for_relief_procedure.pdf

6.4 Scholastic Offences

Policy on Scholastic Offences:

https://uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_offences.pdf

Procedures on Scholastic Offences (Undergraduate):

https://uwo.ca/univsec/pdf/academic_policies/appeals/undergrad_scholastic_offence_procedure.pdf

Use of Electronic Devices During Assessments

In courses offered by the Faculty of Science, the possession of unauthorized electronic devices during any in-person assessment (such as tests, midterms, and final examinations) is strictly prohibited. This includes, but is not limited to: mobile phones, smart watches, smart glasses, and wireless earbuds or headphones.

Unless explicitly stated otherwise in advance by the instructor, the presence of any such device at your desk, on your person, or within reach during an assessment will be treated as a *scholastic offence*, even if the device is not in use.

Only devices expressly permitted by the instructor (e.g., non-programmable calculators) may be brought into the assessment room. It is your responsibility to review and comply with these expectations.

Use of Generative AI Tools

Unless otherwise stated, the use of generative AI tools (e.g., ChatGPT, Microsoft Copilot, Google Gemini, or similar platforms) is **not permitted** in the completion of any course assessments, including but not limited to: assignments, lab reports, presentations, tests, and final examinations.

Using such tools for content generation, code writing, problem solving, translation, or summarization—when not explicitly allowed—will be treated as a **scholastic offence**.

If the use of generative AI is permitted for a particular assessment, the conditions of use will be specified by the instructor in advance. If no such permission is granted, students must assume that use is prohibited. It is your responsibility to seek clarification before using any AI tools in academic work.

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

6.5 Support Services

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

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 (GBSV) and providing compassionate support to anyone who has gone through these traumatic events. If you have experienced GBSV (either recently or in the past), you will find information about support services for survivors, including emergency contacts, at:

https://www.uwo.ca/health/student_support/survivor_support/get-help.html.

To connect with a case manager or set up an appointment, please contact support@uwo.ca.

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. If you have any questions regarding accommodations, you may also wish to contact Accessible Education at

http://academicsupport.uwo.ca/accessible_education/index.html

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-round through individual counselling.

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

This course is supported by the Science Student Donation Fund. If you are a student registered in the Faculty of Science or the 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 Advising 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.