University of Guelph

MATH*1080 Elements of Calculus I

Fall 2021

Section: DE01

Department of Mathematics and Statistics

Credit Weight: 0.50

Course Details

Calendar Description

This course provides an introduction to the calculus of one variable with emphasis on mathematical modelling in the biological sciences. The topics covered include elementary functions, sequences and series, difference equations, differential calculus and integral calculus.

Pre-Requisite(s): 1 of 4U Advanced Functions, 4U Advanced Functions and Calculus or equivalent

Co-Requisite(s): none

Restriction(s): IPS*1500, MATH*1200

Method of Delivery: Online

Final Exam

There is no final exam in this course.

Instructional Support

Instructor

Dr. Nagham Mohammad

Email: naghamm@uoguelph.ca

Office Hours via **Zoom:** Please note that further details will be posted in the **Announcements**.

Teaching Assistant(s)
Please note that further details will be posted in the **Announcements**

Learning Resources

Required Textbook

Title: Calculus: Early Transcendentals
Author(s): Michael Sullivan and Kathleen Miranda
Edition / Year: 2nd Ed. (Achieve) / 2020
Publisher: Macmillan Learning
ISBN: 9781319403539 (Digital), 9781319406936 (Print, with Achieve Access)

Note: The online platform Achieve includes the textbook and student solutions manual.

Note: Be sure to review the Textbook Information in the **Announcements** and in the **Textbook Information** module in the table of contents for important information on how to access the required learning materials for this course.

You may purchase the textbook at the Guelph Campus Co-op Bookstore or the University of Guelph Bookstore. Please note that DE textbooks are located in the Distance Education section of the University of Guelph Bookstore.

https://bookstore.coop/

http://www.bookstore.uoguelph.ca/

Course Materials

There are no required materials for this course.

Supplementary Materials

This course includes supplementary materials, including instructor videos and PowerPoint slides. These materials are meant to supplement the required readings and

course content, and to provide extra study materials for the quizzes and midterm. You can explore the materials at your own pace. To access these materials, select **Content** on the navbar to locate **Supplementary Materials** in the table of contents panel.

Course Website

[CourseLink](https://courselink.uoguelph.ca) (powered by D2L's Brightspace) is the course website and will act as your classroom. It is recommended that you log in to your course website every day to check for announcements, access course materials, and review the weekly schedule and assignment requirements.

https://courselink.uoguelph.ca

Learning Outcomes

Course Learning Outcomes

This course is designed for students interested in the application of mathematics in the biological sciences. Some of the topics covered include: the role of mathematics in biology decisions; elementary functions, sequences and series, difference equations, differential calculus and integral calculus.

By the end of this course, you should be able to:

1. Determine the domain, range and the inverse of a function and form a composite function;
2. Describe the differences between sequences and series, and use formulas resulting from finite and infinite series to solve problems involving payments, deposits, dosage of drugs, and population size;
3. Compute basic limits of functions and discuss the importance of limits to the process of differentiation. Determine where and whether functions are continuous, and identify and classify points of discontinuity;
4. Explain the derivative in terms of the idea of a tangent line to the graph of a function and how a derivative can be used to describe the rate of change of one quantity with respect to another;
5. Differentiate a wide class of single-variable functions, including polynomials, trigonometric, exponential, logarithmic, sums, products, quotients, compositions;
6. Apply the chain rule to find derivatives of different functions including functions raised to a power, exponential, and logarithmic functions;
7. Compute linear approximations to implicit functions using "implicit differentiation";

8. Use derivatives to solve applied problems involving rate-of-change, maximum and minimum values; critical numbers; local extrema and concavity and optimization;

9. Use integrals to solve problems involving area.

10. Find a definite integral using the limit of Riemann sums.

11. Evaluate definite integrals using the Fundamental Theorem of Calculus.

12. Find indefinite and definite integral using substitution.

Teaching and Learning Activities

Method of Learning

You will learn through independent study of the textbook, completing specially selected questions from the textbook and practice applications based in Life Sciences.

Course Structure

This course is divided into 12 units of study:

- Unit 01: Preparing for Calculus I
- Unit 02: Preparing for Calculus II
- Unit 03: Limits and Continuity
- Unit 04: The Derivative I
- Unit 05: The Derivative II
- Unit 06: More About Derivatives I
- Unit 07: More About Derivatives II
- Unit 08: Applications of the Derivative I
- Unit 09: Applications of the Derivative II
- Unit 10: The Integral I
- Unit 11: The Integral II
- Unit 12: The Integral III

What to Expect for Each Unit

In each unit, you will find an introduction to the topics, learning outcomes for the unit, a list of unit activities, suggested exercises, and a selection of videos to provide further explanations of a number of the skills presented in the textbook.

Schedule

It is strongly recommended that you follow the course schedule provided below. The schedule outlines what you should be working on each week of the course and lists the important due dates for the assessments. By following the schedule, you will be better prepared to complete the assessments and succeed in this course.

Unit 01: Preparing for Calculus

Week 1 – Thursday, September 9 to Sunday, September 19

Readings

N.B. All readings are taken from the textbook.

- Section P.1 Functions and Their Graphs

- Section P.2 Library of Functions; Mathematical Modeling

- Section P.3 Operation on Functions; Graphing Techniques

Activities

- Familiarize yourself with the course website by selecting **Start Here** on the navbar.

- Review **Outline** and **Assessments** on the course website to learn about course expectations, assessments, and due dates.

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

  - P.1 Nos. 1-13, 15, 17, 19. 21, 23, 25, 27, 33, 35, 55, 57, 59, 61, 63, 65, 67, 69, 73, and 75

  - P.2 Nos. 1-5, 11, 13, 15, 17, 19, 25, and 27.

  - P.3 Nos. 1-4, 11, 13, 15, 17, 21, 23, and 25.

- Complete the Practice Applications in Life Sciences Unit 01 Questions and review the Answers.

Unit 02: Preparing for Calculus II

Week 2 – Monday, September 20 to Sunday, September 26

Readings

- P.4 Inverse Functions;

- P.5 Exponential and Logarithmic Functions; and

- P.8 Sequences; Summation Notation.

Activities

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

    o P.4 Nos. 1-6, 9, 11, 13, 19 (only a and b), 21 (only a and b), 31, 33, 35, and 37.

    o P.5 Nos. 1, 2, 6- 14, and 17.

    o P.8 Nos. 1, 4, 5, 6, 7, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 35, 37, 39, 45, 49, 51, 55, 57, 59, 61, 63, 65, and 66.

- Complete the Practice Applications in Life Sciences Unit 02 Questions and review the Answers.

Unit 03: Limits and Continuity

Week 3 – Monday, September 27 to Sunday, October 3

Readings

- 1.1 Limits of Functions Using Numerical and Graphical Techniques;

- 1.2 Limits of Functions Using Properties of Limits; and

- 1.3 Continuity.

Activities

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

    o 1.1 Nos. 1-7, 11-35 (odd only), 59, and 63.

    o 1.2 Nos. 1-79 (odd only).

    o 1.3 Nos. 3, 4, 6, 13-31 (odd only), 51, 53, and 55.

- Complete the Practice Applications in Life Sciences Unit 03 Questions and review the Answers.

Assessments

- Quiz 1. This quiz is related to the material of the previous two weeks: "Preparing for Calculus" (Units 01 and 02).
  Opens: Monday, September 27 at 10:00 am ET
  Closes: Tuesday, September 28 at 10:00 pm ET

  Note: You are strongly encouraged to take the quizzes during CourseLink Support hours in case of technical difficulties.

Unit 04: The Derivative I

Week 4 – Monday, October 4 to Sunday, October 10

Readings

- 2.1 Rate of Change and the Derivative;

- 2.2 The Derivative as a Function; and

- 2.3 The Derivative of a Polynomial Function; The Derivative of $y = e^x$

Activities

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

  - 2.1 Nos. 2, 3, 4, 5, 7(a, b), 9(a, b), 11(a, b), 13(a, b), 15(a, b), 17, 19, 21, 23, 25, 27, 29, 39, and 45.

  - 2.2 Nos. 1-5, 7, 9, 11, 13, 15, 35, 39, 41, 43, 69, 71, and 77.

  - 2.3 Nos. 1-32, [33-36 (only a, b, and c)], [37, 39, and 41 (only a, b, c, and d)], 51, 53, 55, 57, 59, and 61.

- Complete the Practice Applications in Life Sciences Unit 04 Questions and review the Answers.

Assessments

- Quiz 2. This quiz is related to the material of the previous week: "Limit and Continuity" (Unit 3)
  Opens: Monday, October 4 at 10:00 am ET
  Closes: Tuesday, October 5 at 10:00 pm ET

Unit 05: The Derivative II

Week 5 – Monday, October 11 to Sunday, October 17

Readings

- 2.4 Differentiating the Product and the Quotient of Two Functions; Higher-Order Derivatives.

- 2.5 The Derivative of the Trigonometric Functions

Activities

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

  - 2.4 Nos. 1-56 (all the odd numbers), 61, 63, 65, 67, [69, 71 (do only a-d)], 73, 75, 77, 79, 87(a, b), and 89(a, b).

- 2.5 Nos. 1-49 (all the odd numbers)

- Complete the Practice Applications in Life Sciences Unit 05 Questions and review the Answers.

Unit 06: More About Derivatives I

Week 6 – Monday, October 18 to Sunday, October 24

Readings

- 3.1 The Chain Rule

Activities

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

  - 3.1 Nos. 1-8, 9-69 (odd only).

- Complete the Practice Applications in Life Sciences Unit 06 Questions and review the Answers.

Assessments

- Quiz 3. This quiz is related to the material of the previous two weeks: "The Derivative" (Units 04 and 05)
  Opens: Monday, October 18 at 10:00 am ET
  Closes: Tuesday, October 19 at 10:00 pm ET

Unit 07: More About Derivatives II

Week 7 – Monday, October 25 to Sunday, October 31

Readings

- 3.2 Implicit Differentiation;

- 3.4 Derivatives of Logarithmic Functions.

Activities

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

  - 3.2 Nos. 1-4, 5-51 (odd numbers only), 61, 63, 65, 68, and 71 (a-c).

  - 3.4 Nos. 1-5, 7-33 (odd numbers only), 45-71 (odd numbers only).

- Complete the Practice Applications in Life Sciences Unit 07 Questions and review the Answers.

- Midterm Test: This test covers Unit 01 thru 06.
  Opens: Monday, October 25 at 10:00 am ET

Closes: Monday, October 25 at 10:00 pm ET

Unit 08: Applications of the Derivative I

Week 8 – Monday, November 1 to Sunday, November 7

Readings

- 4.1 Related Rates;

- 4.2 Maximum and Minimum Values; Critical Numbers; and

- 4.4 Local Extrema and Concavity.

Activities

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

    o 4.1 Nos. 1, 3, 5, 11, 13, 17, 45 and 47.

    o 4.2 Nos. 1-7, 13, 15, 17, 19, 21, 25, 27, 37, 39, 41, 45, 49, 51, and 59.

    o 4.4 Nos. 1-25 (odd numbers only), 35-59 (odd only), 60, 61-73 (odd only), 93, and 97.

- Complete the Practice Applications in Life Sciences Unit 08 Questions and review the Answers.

Assessments

- Quiz 4. This quiz is related to the material of the previous two weeks: "More About Derivatives" (Units 06 and 07)
Opens: Monday, November 1 at 10:00 am ET
Closes: Tuesday, November 2 at 10:00 pm ET

Unit 09: Applications of the Derivative II

Week 9 – Monday, November 8 to Sunday, November 14

Readings

- 4.7 Optimization; and

- 4.8 Antiderivatives; Differential Equations.

Activities

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

    o 4.7 Nos. 1, 3, 5, 11, 13, 17, 45, and 47.

    o 4.8 Nos. 1-5, 9-35 (odd numbers only), 37-43 (odd numbers only), 53, and 59.

- Complete the Practice Applications in Life Sciences Unit 09 Questions and review the Answers.

Assessments

- Quiz 5. This quiz is related to the material of the previous week: "Applications of the Derivative I" (Unit 08)
  Opens: Monday, November 8 at 10:00 am ET
  Closes: Tuesday, November 9 at 10:00 pm ET

Unit 10: The Integral I

Week 10 – Monday, November 15 to Sunday, November 21

Readings

- 5.1 Area; and

- 5.2 The Definite Integral.

Activities

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

  o 5.1 Nos. 2, 3-19 (odd numbers only).

  o 5.2 Nos. 1-8, 9, 13, 15, 17, 31, 39, 41 (a, b), 43 (a, b), 47 (a), 49 (a), 53, and 55 (a, b).

- Complete the Practice Applications in Life Sciences Unit 10 Questions and review the Answers.

Unit 11: The Integral II

Week 11 – Monday, November 22 to Sunday, November 28

Readings

- 5.3 The Fundamental Theorem of Calculus; and

- 5.4 Properties of the Definite Integral.

Activities

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

  o 5.3 Nos. 1-4, 5-35 (odd numbers only), 51, 53, 69, 71 (a, b), and 75.

  o 5.4 Nos. 1-4, and 7-41 (odd numbers only).

- Complete the Practice Applications in Life Sciences Unit 11 Questions and review the Answers.

Assessments

- Quiz 6. This quiz is related to the material of the previous two weeks: "Applications of the Derivative II and The Integral I" (Units 09 and 10)
Opens: Monday, November 22 at 10:00 am ET
Closes: Tuesday, November 23 at 10:00 pm ET

Unit 12: The Integral III

Week 12 – Monday, November 29 to Friday, December 3

Readings

- 5.5 The Indefinite Integral; Method of Substitution.

Activities

- Complete the following recommended exercises and review the answers in the Student Solutions Manual:

  - 5.5 Nos. 1-4, 9, 11, 14, 21, 87, 27-35 (odd numbers only), 69-75 (odd only), 79, 81, 85, 87, and 89.

- Complete the Practice Applications in Life Sciences Unit 12 Questions and review the Answers.

Assessments

- Quiz 7. This quiz is related to the material of the previous TWO weeks: "The Fundamental Theorem of Calculus and Properties of the Definite Integral" (Unit 11) and The Indefinite Integral; Method of Substitution" (Unit 12)
Opens: Thursday, December 2 at 10:00 am ET
Closes: Friday, December 3 at 10:00 pm ET

  Important Note: This quiz is on the last two days of the course.

Mathematics & Statistics Learning Centre

The online Mathematics & Statistics Learning Centre (M&SLC) is available to students seeking help with understanding course content. The M&SLC is set up as a Resource in CourseLink. You will be registered automatically in the M&SLC when you register for MATH*1080. You may access the M&SLC by logging into CourseLink, then clicking on the Resources tab.

N.B. You may not use the M&SLC site for assistance in answering Quiz questions.

The M&SLC will have discussion boards, chat rooms, and Virtual Classroom. Virtual Classroom will enable TAs to schedule live on-camera meetings with individual students or small groups with the use of screen sharing and a virtual whiteboard.

The M&SLC's hours for F21 will be posted on their webpage:

Assessments

The grade determination for this course is indicated in the following table. A brief description of each assessment is provided below. Select **Content** on the navbar to locate **Assessments** in the table of contents panel to review further details of each assessment. Due dates can be found under the Schedule heading of this outline.

Table 1: Course Assessments

Assessment Item	Weight	Learning Outcomes
Quiz 1	11.4%	1, 2
Quiz 2	11.4%	3
Quiz 3	11.4%	4, 5
Midterm Test	20%	1, 2, 3, 4, 5, 6
Quiz 4	11.4%	6, 7
Quiz 5	11.4%	8
Quiz 6	11.4%	9, 10
Quiz 7	11.4%	11, 12
Total	**100%**	

Assessment Descriptions

Quizzes

There will be seven (7) online quizzes during this course; all seven quizzes will count equally towards 80% of your grade (1/7 = ~11.4% each). You will have two attempts for each quiz, and only your best attempt of the two will count towards the grade for the quiz.

Each quiz attempt will consist of seven multiple-choice questions. Each of the seven questions will be drawn at random from a selection of questions of equivalent difficulty. Each question is worth one point towards your quiz grade.

Each of the quizzes covers the material studied in the previous one or two weeks (i.e., Quiz 1 in Week 3 will test you on material covered in Week 1 and Week 2, or Quiz 3 in Week 6 will test you on material covered in Weeks 4 and 5).

Important Note on Quiz Timing

For Quizzes 1 to 6, these quizzes will be open to you from Monday 10:00 AM ET until Tuesday at 10:00 pm ET during the applicable week. For Quiz 7, this quiz will be open to you from Thursday 10:00 AM ET until Friday at 10:00 pm ET. Please refer to the Schedule for quiz dates and timings. Select **Content** on the navbar to locate **Assessments** in the table of contents panel to review further details of the quizzes.

Midterm Test

There will be one online Midterm Test during this course worth 20% of your final grade. You will have one attempt for the Midterm test. The test is open book, and you may use a calculator. Please refer to the Schedule for the Midterm Test date and timings. Select **Content** on the navbar to locate **Assessments** in the table of contents panel to review further details of the Midterm Test.

Course Technology Requirements and Technical Support

CourseLink System Requirements

You are responsible for ensuring that your computer system meets the necessary system requirements. Use the browser check tool to ensure your browser settings are compatible and up to date. (Results will be displayed in a new browser window).

https://opened.uoguelph.ca/student-resources/system-and-software-requirements

https://courselink.uoguelph.ca/d2l/systemCheck

Macmillan Learning Achieve Requirements

This course will use **Macmillan Learning Achieve**. Achieve is a digital learning environment administered by Macmillan Learning. Visit their website to complete a check that ensures your computer meets the Achieve system requirements.

Zoom Requirements

This course uses **Zoom** as a video communication tool. You are responsible for downloading a free copy of Zoom from www.zoom.us. A Webcam, headphones/speakers are needed. In order to use **Zoom**, you must meet the following technical requirements:

1. An internet connection – broadband wired or wireless (3G or 4G/LTE)
2. Speakers and a microphone – built-in or USB plug-in or wireless Bluetooth
3. A webcam or HD webcam - built-in or USB plug-in

4. Supported mobile platforms: Android 4.4 or later and iOS 10.0 or later.

Technical Skills

As part of your online experience, you are expected to use a variety of technology as part of your learning:

- Manage files and folders on your computer (e.g., save, name, copy, backup, rename, delete, and check properties);

- Install software, security, and virus protection;

- Use office applications (e.g., Word, PowerPoint, Excel, or similar) to create documents;

- Be comfortable uploading and downloading saved files;

- Communicate using email (e.g., create, receive, reply, print, send, download, and open attachments);

- Navigate the CourseLink learning environment and use the essential tools, such as **Quizzes**, **Discussions**, and **Grades** (the instructions for this are given in your course);

- Access, navigate, and search the Internet using a web browser (e.g., Firefox, Chrome); and

- Perform online research using various search engines (e.g., Google) and library databases.

Technical Support

If you need any assistance with the software tools or the CourseLink website, contact CourseLink Support.

CourseLink Support
University of Guelph
Day Hall, Room 211
Email: courselink@uoguelph.ca
Tel: 519-824-4120 ext. 56939
Toll-Free (CAN/USA): 1-866-275-1478

Walk-In Hours (Eastern Time):
Monday thru Friday: 8:30 am–4:30 pm

Phone/Email Hours (Eastern Time):
Monday thru Friday: 8:30 am–8:30 pm
Saturday: 10:00 am–4:00 pm
Sunday: 12:00 pm–6:00 pm

Course Specific Standard Statements

Acceptable Use

The University of Guelph has an [Acceptable Use Policy](https://www.uoguelph.ca/ccs/infosec/aup), which you are expected to adhere to.

https://www.uoguelph.ca/ccs/infosec/aup

Communicating with Your Instructor

During the course, your instructor will interact with you on various course matters on the course website using the following ways of communication:

- **Announcements:** The instructor will use **Announcements** on the Course Home page to provide you with course reminders and updates. Please check this section frequently for course updates from your instructor.

- **Email:** If you have a conflict that prevents you from completing course requirements, or have a question concerning a personal matter, you can send your instructor a private message by email. The instructor will respond to your email within 48 to 72 hours.

- **Online Office Hours:** If you have a complex question you would like to discuss with your instructor or TA, you may attend one of several weekly scheduled office hours using **Zoom**.

Netiquette Expectations

For distance education courses, the course website is considered the classroom and the same protections, expectations, guidelines, and regulations used in face-to-face settings apply, plus other policies and considerations that come into play specifically because these courses are online.

Inappropriate online behaviour will not be tolerated. Examples of inappropriate online behaviour include:

- Posting inflammatory messages about your instructor or fellow students;

- Using obscene or offensive language online;

- Copying or presenting someone else's work as your own;

- Adapting information from the Internet without using proper citations or references;

- Buying or selling term papers or assignments;

- Posting or selling course materials to course notes websites;

- Having someone else complete your quiz or completing a quiz for/with another student;

- Stating false claims about lost quiz answers or other assignment submissions;

- Threatening or harassing a student or instructor online;

- Discriminating against fellow students, instructors, and/or TAs;

- Using the course website to promote profit-driven products or services;

- Attempting to compromise the security or functionality of the learning management system;

- Sharing your username and password; and

- Recording lectures without the permission of the instructor.

Late Policy

For late submissions to the **Quizzes** tool, your attempt will be flagged as late, and you will be prevented from making further changes to your attempt once your time ends. Make sure you save all your responses to the exam questions. For details on how long you have to complete the quiz or exam, please see the instructions in **Assessments** on CourseLink. The **Quizzes** tool counts down your time in the upper-left hand corner. Please pay close attention to this countdown and save your answers frequently.

Extensions will be considered for medical reasons or other extenuating circumstances. If you require an extension, discuss this with the instructor as soon as possible and well before the due date. Barring exceptional circumstances, extensions will not be granted once the due date has passed. These rules are not designed to be arbitrary, nor are they inflexible. They are designed to keep you organized, to ensure that all students have the same amount of time to work on quizzes, and to help to return marked materials to you in the shortest possible time.

Obtaining Grades and Feedback

Unofficial assessment marks will be available in the **Grades** tool of the course website.

Your instructor will have grades posted online within 2 weeks of the submission deadline, if the assignment was submitted on time. Once your assignments are marked you can view your grades on the course website by selecting **Grades** from the **Tools** dropdown menu on the navbar. Your course will remain open to you for seven days following the last day of the final exam period.

University of Guelph degree students can access their final grade by logging into [WebAdvisor](https://webadvisor.uoguelph.ca) (using your U of G central ID). Open Learning program students should log in to the [OpenEd Student Portal](https://courses.opened.uoguelph.ca/portal/logon.do?method=load) to view their final grade (using the same username and password you have been using for your courses).

https://webadvisor.uoguelph.ca

https://courses.opened.uoguelph.ca/portal/logon.do?method=load

Rights and Responsibilities When Learning Online

For distance education (DE) courses, the course website is considered the classroom and the same protections, expectations, guidelines, and regulations used in face-to-face settings apply, plus other policies and considerations that come into play specifically because these courses are online.

For more information on your rights and responsibilities when learning in the online environment, visit Rights and Responsibilities.

http://opened.uoguelph.ca/student-resources/rights-and-responsibilities

University Standard Statements

University of Guelph: Undergraduate Policies

As a student of the University of Guelph, it is important for you to understand your rights and responsibilities and the academic rules and regulations that you must abide by.

If you are a registered **University of Guelph Degree Student**, consult the Undergraduate Calendar for the rules, regulations, curricula, programs and fees for current and previous academic years.

If you are an **Open Learning Program Student**, consult the Open Learning Program Calendar for information about University of Guelph administrative policies, procedures and services.

https://www.uoguelph.ca/registrar/calendars/undergraduate/current/

http://opened.uoguelph.ca/student-resources/open-learning-program-calendar

Email Communication

As per university regulations, all students are required to check their uoguelph.ca e-mail account regularly: e-mail is the official route of communication between the University and its students.

When You Cannot Meet Course Requirements

When you find yourself unable to meet an in-course requirement due to illness or compassionate reasons, please advise your course instructor **in writing**, with your name, ID number and email contact.

University of Guelph Degree Students

Consult the Undergraduate Calendar for information on regulations and procedures for Academic Consideration.

https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-ac.shtml

Open Learning Program Students

Please refer to the [Open Learning Program Calendar](#) for information on regulations and procedures for requesting Academic Consideration.

http://opened.uoguelph.ca/student-resources/open-learning-program-calendar

Drop Date

University of Guelph Degree Students

Students will have until the last day of classes to drop courses without academic penalty. [Review the Undergraduate Calendar for regulations and procedures for Dropping Courses](#).

https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-drop.shtml

Open Learning Program Students

Please refer to the [Open Learning Program Calendar](#).

http://opened.uoguelph.ca/student-resources/open-learning-program-calendar

Copies of Assignments

Keep paper and/or other reliable back-up copies of all assignments: you may be asked to resubmit work at any time.

Accessibility

The University of Guelph is committed to creating a barrier-free environment. Providing services for students is a shared responsibility among students, faculty and administrators. This relationship is based on respect of individual rights, the dignity of the individual and the University community's shared commitment to an open and supportive learning environment.

University of Guelph Degree Students

Students requiring service or accommodation, whether due to an identified, ongoing disability or a short-term disability should contact Accessibility Services as soon as possible.

For more information, contact Accessibility Services at 519-824-4120 ext. 56208, [email Accessibility Services](#) or visit the [Accessibility Services website](#).

accessibility@uoguelph.ca

https://wellness.uoguelph.ca/accessibility/

Open Learning Program Students

If you are an Open Learning program student who requires academic accommodation, please [contact the Academic Assistant to the Executive Director](#). Please ensure that you contact us before the end of the first week of your course (every semester) in order

to avoid any delays in support. Documentation from a health professional is required for all academic accommodations. Please note that all information provided will be held in confidence.

If you require textbooks produced in an alternate format (e.g., DAISY, Braille, large print or eText), please [contact the Academic Assistant to the Executive Director](#) at least two months prior to the course start date. If contact is not made within the suggested time frame, support may be delayed. It is recommended that you refer to the course outline before beginning your course in order to determine the required readings.

The provision of academic accommodation is a shared responsibility between OpenEd and the student requesting accommodation. It is recognized that academic accommodations are intended to "level the playing field" for students with disabilities.

jessica.martin@uoguelph.ca

Academic Misconduct

The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection.

Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.

The [Academic Misconduct Policy](#) is detailed in the Undergraduate Calendar.

https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-amisconduct.shtml

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Plagiarism Detection Software

Students should be aware that faculty have the right to use software to aid in the detection of plagiarism or copying and to examine students orally on submitted work. For students found guilty of academic misconduct, serious penalties, up to and including suspension or expulsion from the University can be imposed.

Recording of Materials

Presentations which are made in relation to course work—including lectures—cannot be recorded or copied without the permission of the presenter, whether the instructor, a classmate or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

Disclaimer

Please note that the ongoing COVID-19 pandemic may necessitate a revision of the format of course offerings, changes in classroom protocols, and academic schedules. Any such changes will be announced via CourseLink and/or class email.

This includes on-campus scheduling during the semester, mid-terms and final examination schedules. All University-wide decisions will be posted on the [COVID-19 website](https://news.uoguelph.ca/2019-novel-coronavirus-information/) and circulated by email.

https://news.uoguelph.ca/2019-novel-coronavirus-information/

Illness

Medical notes will not normally be required for singular instances of academic consideration, although students may be required to provide supporting documentation for multiple missed assessments or when involving a large part of a course (e.g., final exam or major assignment).

Covid-19 Safety Protocols

For information on current safety protocols, follow these links:

- [How U of G Is Preparing for Your Safe Return](#)
- [Guidelines to Safely Navigate U of G Spaces](#)

Please note, these guidelines may be updated as required in response to evolving University, Public Health or government directives.

https://news.uoguelph.ca/return-to-campuses/how-u-of-g-is-preparing-for-your-safe-return/

https://news.uoguelph.ca/return-to-campuses/spaces/#ClassroomSpaces

Mental Health Services:

One out of every five students in Canada experiences some sort of mental health issue at some point in their academic career. If you find yourself facing a mental health crisis, or just need to talk to someone, please consider taking advantage of one of the following resources available to University of Guelph students:

Counselling *Services:*

Visit the Counselling Services website (https://wellness.uoguelph.ca/counselling) to get information on resources available to you, both online and in-person. You can also visit them at Health Services (J.T. Powell Building, ext 53244) where they offer individual and group counselling sessions by appointment or walk-in.

Student Support Network: is located in the Wellness & Education Promotion Centre in the J.T. Powell Building and offers confidential, peer-based, drop-in support.

Good2Talk: ([1-866-925-5454](tel:1-866-925-5454)) is a free, 24/7 student hotline that provides professional counselling and referrals for mental health, addictions and well-being.

Here 24/7: ([1-844-437-3247](tel:1-844-437-3247)) specializes in assessment, referral and appointment booking and is available 24/7 for crisis support.

You are not alone and you will not be judged for asking for help.