

MATH*1030 Business Mathematics

Summer 2025

Section: DE01

Department of Mathematics and Statistics
Credit Weight: 0.50

Course Details

Calendar Description

Primarily intended for business and economics students, this course is designed to introduce and reinforce the essential mathematical skills needed to understand, analyze, and solve mathematical problems related to business and economics. Topics covered include basic algebra; functions, including a review of exponential and logarithmic functions; sequences and series with financial applications; limits; continuity; and differential calculus including derivatives, higher order derivatives, and curve sketching.

Pre-Requisite(s): 4U Advanced Functions

Co-Requisite(s): None

Restriction(s): MATH*1080, MATH*1200. Not available to students registered in the

BSc program.

Method of Delivery: Distance Education (asynchronous online)

Final Examination

Date: Thursday August 7, 2025 **Time:** 8:30 AM – 10:30 AM ET

Note: Please read the important information about examination timing in the **Assessment Description** section under **Final Examination** in this Outline.

Location: Online via the Quizzes tool in CourseLink

Instructional Support

Instructor

Email: Phone: Office:

Office Hours via Microsoft Teams: Students may opt to drop into office hours every Tuesday and Thursday from 12:00 pm to 13:30 (1:30 pm) ET beginning May 13. Please note that further details are posted in the **Announcements**. See also **Communicating with Your Instructor**.

Teaching Assistant(s)

Please note that Teaching Assistant names, contact emails and Teams office hours meeting times are posted in the **Announcements**.

Cost of Textbook and Learning Resources

All resources for this course can be found within the Courselink site. There are no costs for required or recommended textbooks or learning resources for students in this course.

Learning Resources

There is no required textbook for this course.

Course Website

<u>CourseLink</u> hosts 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

Mathematics & Statistics Learning Centre

The Mathematics & Statistics Learning Centre (M&SLC) is an in-person resource available to students seeking help with understanding course content. See

<u>Mathematics and Statistics Learning Centre | Department of Mathematics & Statistics</u> (uoguelph.ca)

Learning Outcomes

Course Learning Outcomes

This course is designed for students interested in the application of mathematics in a business setting. Some of the topics covered include: the role of mathematics in business decisions; a review of basic algebra; methods of solving equations; sequences, series, and limits, and their application to finance; an introduction to derivatives and integrals; and systems of linear equations.

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

- 1. Use basic algebra to simplify and manipulate algebraic equations;
- 2. Describe and manipulate elementary functions, including logarithmic functions, exponential functions, and linear, quadratic, and higher order polynomials;
- Sketch, identify, and interpret a wide variety of graphs;
- Construct and solve systems of linear equations derived from worded descriptions;
- 5. Interpret the meaning of a limit, and be able to calculate limits involving simple functions and sequences;
- Describe the differences between sequences and series, and use formulas
 resulting from finite and infinite series to solve problems involving payments,
 deposits, and interest rates;
- 7. Explain the geometric and practical meanings of a derivative, find derivatives of functions, and use derivatives to solve optimization problems; and
- 8. Apply the mathematical methods covered in the course to solve real-world problems in finance, business, and economics.

Teaching and Learning Activities

Course Structure

This course is divided into 12 units of study:

- Unit 01: Review of Algebra
- Unit 02: Linear Equations
- Unit 03: Quadratic and Higher Order Polynomial Equations
- Unit 04: Exponentials and Logarithms
- Unit 05: Systems of Linear Equations
- Unit 06: Sequences

- Unit 07: Series
- Unit 08: Applications to Finance
- Unit 09: Limits and Continuity
- Unit 10: Derivatives
- Unit 11: Curve Sketching
- Unit 12: Optimization

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: Review of Algebra

Week 1 - Thursday, May 8 to Sunday, May 18

Readings

CourseLink: Unit 01 Notes

Activities

- Familiarize yourself with the course website and online learning by reviewing **Help & Resources** on the navbar.
- Review **Outline** and **Assessments** on the course website to learn about course expectations, assessments, and due dates.
- Complete Unit 01 Exercises

Unit 02: Linear Equations

Week 2 - Monday, May 19 to Sunday, May 25

Readings

CourseLink: Unit 02 Notes

Activities

Complete Unit 02 Exercises

Assessments

• **Quiz 1** (Unit 01)

Opens: Thursday, May 22 at 12:00 pm ET Closes: Sunday, May 25 at 11:59 pm ET

Unit 03: Quadratic and Higher Order Polynomial Equations

Week 3 - Monday, May 26 to Sunday, June 1

Readings

• CourseLink: Unit 03 Notes

Activities

• Complete Unit 03 Exercises

Assessments

• Quiz 2 (Unit 02)

Opens: Thursday, May 29 at 12:00 pm ET Closes: Sunday, June 1 at 11:59 pm ET

Unit 04: Exponentials and Logarithms

Week 4 - Monday, June 2, to Sunday, June 8

Readings

CourseLink: Unit 04 Notes

Activities

Complete Unit 04 Exercises

Assessments

• **Quiz 3** (Unit 03)

Opens: Thursday, June 5 at 12:00 pm ET Closes: Sunday, June 8 at 11:59 pm ET

Unit 05: Systems of Linear Equations

Week 5 - Monday, June 9 to Sunday, June 15

Readings

CourseLink: Unit 05 Notes

Activities

Complete Unit 05 Exercises

Assessments

• **Quiz 4** (Unit 04)

Opens: Thursday, June 12 at 12:00 pm ET Closes: Sunday, June 15 at 11:59 pm ET

Unit 06: Sequences

Week 6 - Monday, June 16 to Sunday, June 22

Readings

CourseLink: Unit 06 Notes

Activities

• Complete Unit 06 Exercises

Assessments

• Quiz 5 (Unit 05)

Opens: Thursday, June 19 at 12:00 pm ET Closes: Sunday, June 22 at 11:59 pm ET

Unit 07: Series

Week 7 - Monday, June 23 to Sunday, June 29

Readings

• CourseLink: Unit 07 Notes

Activities

• Complete Unit 07 Exercises

Assessments

• **Quiz 6** (Unit 06)

Opens: Thursday, June 26 at 12:00 pm ET Closes: Sunday, June 29 at 11:59 pm ET

Unit 08: Applications to Finance

Week 8 - Monday, June 30 to Sunday, July 6

Readings

• CourseLink: Unit 08 Notes

Activities

Complete Unit 08 Exercises

Assessments

• **Quiz 7** (Unit 07)

Opens: Thursday, July3 at 12:00 pm ET Closes: Sunday, July 6 at 11:59 pm ET

Unit 09: Limits and Continuity

Week 9 - Monday, July 7 to Sunday, July 13

Readings

• CourseLink: Unit 09 Notes

Activities

• Complete Unit 09 Exercises

Assessments

• Quiz 8 (Unit 08)

Opens: Thursday, July 10 at 12:00 pm ET Closes: Sunday, July 13 at 11:59 pm ET

Unit 10: Derivatives

Week 10 - Monday, July 14 to Sunday, July 20

Readings

CourseLink: Unit 10 Notes

Activities

• Complete Unit 10 Exercises

Assessments

• **Quiz 09** (Unit 09)

Opens: Thursday, July 17 at 12:00 pm ET Closes: Sunday, July 20 at 11:59 pm ET

Unit 11: Curve Sketching

Week 11 - Monday, July 21 to Sunday, July 27

Readings

CourseLink: Unit 11 Notes

Activities

Complete Unit 11 Exercises

Assessments

• **Quiz 10** (Unit 10)

Opens: Thursday, July 24 at 12:00 pm ET Closes: Sunday, July 27 at 11:59 pm ET

Unit 12: Optimization

Week 12 - Monday, July 28 to Friday, August 1

Readings

• CourseLink: Unit 12 Notes

Activities

Complete Unit 12 Exercises

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
Quizzes (Best 9 out of 10)	50%
Final Exam	50%
Total	100%

Assessment Descriptions

Quizzes

There will be 10 online quizzes occurring in weeks 2–11.

Final Examination

This course requires you to write an online final examination using the **Quizzes** tool in CourseLink. We do NOT USE Respondus "LockDown Browser" or Monitor (webcam) to proctor the final exam.

The final examination contains between 25 and 50 multiple choice questions. You are responsible for all the content of the course (cumulative). The final examination is open book i.e. you may reference all course materials, but you CANNOT work with others.

The final exam is delivered via the **Quizzes** tool. The exam is 2 hours in length and is written **Thursday August 7, 8:30AM – 10:30AM ET**.

To accommodate students who may be located in various time zones, the exam will be available beginning at **8:30AM** until **9:30AM** Eastern Time (ET). You can enter the exam at any point during this window of time but will only have 2 hours to complete it from when you start writing. For example, if you start writing the exam at **9:00 AM**., you will have until **11:00AM** to complete it. After **9:30 AM ET** you will no longer be able to enter the exam environment. After the window closes, you are no longer able to enter the examination environment to write the examination and you may receive **ZERO**.

University of Guelph degree and associate diploma students as well as Open Learning program students must check WebAdvisor for their examination schedule.

https://www.uoguelph.ca/webadvisor

You must complete and submit your examination within 2 hours (120 minutes) unless you are on the SAS examination centre list, in which case your examination timing is automatically adjusted.

- If you submit your examination attempt late due to technical difficulties (except SAS students) even 1 minute is still late your examination attempt may be considered as late, and so you must email your instructor immediately with an explanation.
- If you cannot or do not submit your examination for any reason, you must email your instructor immediately with an explanation.

Important Note

You must keep track of the time spent completing the examination **yourself**. Do not rely on the timer in the quiz in Course Link to indicate how much time is remaining for you to complete the quiz. Regardless of the time remaining indicated on the quiz timer, you must be sure to **complete and submit your examination within 2 hours (120 minutes)** unless you are on the SAS examination centre list.

If you encounter any technical issues during the final exam, please contact CourseLink Support at courselink@uoguelph.ca or 519-824-4120 ext. 56939.

Note: More information about the final examination is announced closer to the Final Examination dates via the **Announcements**.

University of Guelph degree and associate diploma students as well as Open Learning program students must check <u>WebAdvisor</u> for their examination schedule.

https://www.uoguelph.ca/webadvisor/

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

Microsoft Teams Requirements

This course uses **Microsoft Teams** as a video communication tool. A Webcam, a microphone, and headphones/speakers may be needed. Review <u>System requirements</u> for <u>Teams for personal use (microsoft.com)</u> to ensure that your computer meets the technical requirements.

https://support.microsoft.com/en-us/office/system-requirements-for-teams-for-personal-use-dae0234b-839c-4f85-ae75-d14ad2baa978

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, Internet Explorer); 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

Saturday: 10:00 am-4:00 pm Sunday: 12:00 pm-6:00 pm

Standard Statements for Online Courses

Acceptable Use

The University of Guelph has an <u>Acceptable Use Policy</u>, which you are expected to adhere to.

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

Communicating with Your Instructor

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

- Announcements: The instructor uses 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.
- Ask Your Instructor Discussion: Use this discussion forum to ask questions of
 your instructor about content or course-related issues with which you are
 unfamiliar. If you encounter difficulties, the instructor is here to help you. Please
 post general course-related questions to the discussion forum so that all students
 have an opportunity to review the response. To access this discussion forum,
 select Discussions from the Tools dropdown menu.
- **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 72 hours.
- Online meeting: If you have a complex question you would like to discuss with your instructor, you may book an online meeting. Online meetings depend on the availability of you and the instructor, and they are booked on a first come first served basis.

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 is not 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 is flagged as late, and you are prevented from making further changes to your attempt once your time ends. 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 are 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 are not 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 are available in the **Grades** tool of the course website.

Your instructor posts grades 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 remains 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 (using your U of G central ID). Open Learning program students should log in to the OpenEd Student Portal to view their final grade (using the same username and password you have been using for your courses).

https://www.uoguelph.ca/webadvisor

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

Use of Artificial Intelligence

The use of AI in this course must align with academic integrity principles. Students are expected to complete their work independently and showcase their problem-solving abilities. Undeclared and/or unauthorized use of AI tools to produce coursework is considered a form of academic misconduct. Any misuse of AI tools, including submitting AI-generated work, may be considered academic misconduct. For any specific guidelines on acceptable AI use in your course, please check with your instructor.

Review the <u>University of Guelph's Statement on Artificial Intelligence Systems</u>, <u>ChatGPT</u>, <u>and Academic Integrity</u> for more information.

https://news.uoguelph.ca/2023/03/university-of-guelph-statement-on-artificial-intelligence-systems-chatgpt-academic-integrity/

Standard Statements for Open Learning Program Students

Open Learning program (OLp) students are required to follow the same Senateapproved academic regulations as University of Guelph undergraduate students and should consult the <u>Open Learning Program Calendar</u> or the <u>Open Learning Program</u> <u>Counsellor</u> for information and guidance on academic and administrative policies, procedures, and services, including academic accommodations and accessibility.

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

Standard Statements for Undergraduate Courses

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 <u>Undergraduate Calendar</u> for the rules, regulations, curricula, programs and fees for current and previous academic years.

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

https://www.uoguelph.ca/registrar/calendars/undergraduate/current/ http://opened.uoguelph.ca/en/students/open-learning-program-calendar.asp

Academic Integrity

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 <u>Academic Misconduct Policy</u> is outlined in the Undergraduate Calendar.

https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-misconduct/

Open Learning Program Students

Please refer to the Open Learning Program Calendar.

https://opened.uoguelph.ca/student-resources/open-learning-program-calendar#Academic-Misconduct

Accessibility

University of Guelph Degree Students

The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student.

When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required; however, interim accommodations may be possible while that process is underway.

Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability. Use of the SAS Exam Centre requires students to make a booking at least 10 days in advance, and no later than the first business day in November, March or July as appropriate for the semester. Similarly, new or changed accommodations for online quizzes, tests and exams must be approved at least a week ahead of time. For students at the Guelph campus, information can be found on the SAS 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 Open Learning program Counsellor. 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 <u>contact the Open Learning program Counsellor</u> 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. counsellor@OpenEd.uoguelph.ca

Accommodation of Religious Obligations

If you are unable to meet an in-course requirement due to religious obligations, please email the course instructor within two weeks of the start of the semester to make alternate arrangements.

See the Academic calendar for information on regulations and procedures for <u>Academic Accommodations of Religious Obligations</u>.

https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-accommodation-religious-obligations/

Open Learning Program Students

Please refer to the Open Learning Program Calendar.

https://opened.uoguelph.ca/student-resources/open-learning-program-calendar#Academic-Accommodation-of-Religious-Obligations

Copies of Out-of-class Assignments

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

Drop Date

Students will have until the last day of classes to drop courses without academic penalty. The deadline to drop two-semester courses will be the last day of classes in the second semester. This applies to all undergraduate students except for Doctor of Veterinary Medicine and Associate Diploma in Veterinary Technology (conventional and alternative delivery) students. The regulations and procedures for course registration are available in the Undergraduate Calendar - Dropping Courses.

https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/dropping-courses/

Open Learning Program Students

Please refer to the Open Learning Program Calendar.

https://opened.uoguelph.ca/student-resources/open-learning-program-calendar#Dropping-Courses

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.

Health and Wellbeing

The University of Guelph provides a wide range of health and wellbeing services at the <u>Vaccarino Centre for Student Wellness</u>. If you are concerned about your mental health and not sure where to start, connect with a <u>Student Wellness Navigator</u> who can help develop a plan to manage and support your mental health or check out our <u>mental wellbeing resources</u>. The Student Wellness team are here to help and welcome the opportunity to connect with you.

https://wellness.uoguelph.ca/

https://wellness.uoguelph.ca/navigators

https://wellness.uoguelph.ca/shine-this-year

University of Guelph Degree Students

Consult the <u>Undergraduate Calendar</u> for information on regulations and procedures for Academic Consideration.

https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-consideration-appeals-petitions/

Open Learning Program Students

Please refer to the <u>Open Learning Program Calendar</u> for information on regulations and procedures for requesting Academic Consideration.

https://opened.uoguelph.ca/student-resources/open-learning-program-calendar#Academic-Consideration-Appeals-and-Petitions

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).

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

Resources

The <u>Academic Calendars</u> are the source of information about the University of Guelph's procedures, policies and regulations which apply to undergraduate, graduate and diploma programs.

http://www.uoguelph.ca/registrar/calendars/

When You Cannot Meet a Course Requirement

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. See the Undergraduate Calendar for information on regulations and procedures for Academic Consideration.

https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-consideration-appeals-petitions/

Copyright Notice

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https://www.lib.uoguelph.ca/about/policies/fair-dealing-policy