



# ENGG\*3670 Soil Mechanics

01

Fall 2020

Section(s): C01

School of Engineering

Credit Weight: 0.50

Version 2.00 - September 09, 2020

## 1 Course Details

### 1.1 Calendar Description

Relations of soil physical and chemical properties to strength; soil water systems and interactive forces. Visco-elastic property and pressure-volume relationships of soil systems. Stress-strain characteristics of soil under dynamic loads. Application of engineering problems. Laboratory and field investigation methods.

**Pre-Requisites:** ENGG\*2120, ENGG\*2230

### 1.2 Course Description

This course is an introductory course in geotechnical engineering, which is a basic course in most civil, environmental and water resources engineering programs. The main goals of the course are to teach students (1) the fundamental concepts in soil properties and its measurement; (2) environmental engineering applications and (3) software design tools.

### 1.3 Timetable

ENGG*3670*01011 (1294) Soil Mechanics	LEC Mon, Wed, Fri 09:30AM - 10:20AM AD-S, Room Virtual  LAB Fri 11:30AM - 01:20PM AD-S, Room Virtual  SEM Thur 10:00AM - 10:50AM AD-S, Room Virtual
ENGG*3670*01012 (1295) Soil Mechanics	LEC Mon, Wed, Fri 09:30AM - 10:20AM AD-S, Room Virtual  LAB Fri 11:30AM - 01:20PM AD-S, Room Virtual

	SEM Wed 01:30PM - 02:20PM AD-S, Room Virtual
ENGG*3670*01021 (1296) Soil Mechanics	LEC Mon, Wed, Fri 09:30AM - 10:20AM AD-S, Room Virtual  LAB Mon 11:30AM - 01:20PM AD-S, Room Virtual  SEM Thur 10:00AM - 10:50AM AD-S, Room Virtual
ENGG*3670*01022 (1297) Soil Mechanics	LEC Mon, Wed, Fri 09:30AM - 10:20AM AD-S, Room Virtual  LAB Mon 11:30AM - 01:20PM AD-S, Room Virtual  SEM Wed 01:30PM - 02:20PM AD-S, Room Virtual

## 1.4 Final Exam

December 10<sup>th</sup>, 2020, 8:30 am - 10:30 am, Room Virtual.

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## 2 Instructional Support

### 2.1 Instructional Support Team

**Instructor:** Bahram Gharabaghi  
**Email:** bgharaba@uoguelph.ca  
**Telephone:** (519) 824 4120 ext. 58451  
**Office:** THRN 2417  
**Office Hours:** TBA on CourseLink.

**Lab Technician:** Ryan Smith  
**Email:** rsmith17@uoguelph.ca  
**Telephone:** (519) 824-4120 ext. 53278  
**Office:** THRN 1114

### 2.2 Teaching Assistants

**Teaching Assistant:** Ye Eun Chai  
**Email:** ychai@uoguelph.ca  
**Office Hours:** TBA on CourseLink

**Teaching Assistant:** Sepideh Emami Tabrizi  
**Email:** semamita@uoguelph.ca  
**Office Hours:** TBA on CourseLink

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## 3 Learning Resources

### 3.1 Required Resources

#### Course Website (Website)

<http://courselink.uoguelph.ca>

Course material, news, announcements, and grades will be regularly posted to the ENGG\*3670 CourseLink site. You are responsible for checking the site regularly.

**Donald P. Coduto, Man-chu Ronald Yeung, William A. Kitch. 2014. Geotechnical Engineering: Principles and Practices, 2nd Edition. Pearson Custom Library; ISBN 10: 1-269-25924-5; ISBN 13: 978-1-269-25924- (Textbook)**

### 3.2 Recommended Resources

**Cheng Liu; Jack B. Evett. 2008. Soil Properties: Testing, Measurement, and Evaluation, 6th Edition. Prentice Hall; ISBN-13: 978-0-13-614123-5. (Lab Manual)**

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## 4 Learning Outcomes

### 4.1 Course Learning Outcomes

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

1. Understand the basic concepts of Soil Classification, Site Exploration and Characterization; articulate the unique properties that distinguish different natural and engineered soils behavior from solids or fluids.
2. Demonstrate knowledge of the broad range of environmental engineering applications of soil mechanics encountered in practice.
3. Model practical engineering problems and solve them in a systematic manner using basic software tools (especially spreadsheets) and mathematical models.
4. Calculate soil stress in a soil mass, lateral earth pressure, soil strength, and the factor of safety against soil shear failure.
5. Have a working knowledge of accuracy, precision, and significant digits, and recognize the importance of dimensional homogeneity in engineering calculations.
6. Apply integral methods, and basic empirical and sophisticated numerical models, to the analysis of Slope Stability for both natural and engineered soils and landfill slopes.
7. Demonstrate fundamental knowledge of specialized laboratory and field equipment, sensors and instruments used in site exploration and characterization.
8. Apply knowledge of Soil Mechanics fundamentals combined with effective technical problem solving skills & use of engineering tools to Groundwater Flow problems.

9. Follow laboratory testing procedures and standard methods, collect and analyze data and write professional engineering laboratory reports.

## 4.2 Engineers Canada - Graduate Attributes (2018)

Successfully completing this course will contribute to the following:

#	Outcome	Learning Outcome
1	Knowledge Base	1
1.1	Recall, describe and apply fundamental mathematical principles and concepts	1
1.2	Recall, describe and apply fundamental principles and concepts in natural science	1
1.3	Recall, describe and apply fundamental engineering principles and concepts	1
1.4	Recall, describe and apply program-specific engineering principles and concepts	1
2	Problem Analysis	4, 6, 8
2.1	Formulate a problem statement in engineering and non-engineering terminology	4, 6, 8
2.2	Identify, organize and justify appropriate information, including assumptions	4, 6, 8
2.3	Construct a conceptual framework and select an appropriate solution approach	4, 6, 8
2.4	Execute an engineering solution	4, 6, 8
2.5	Critique and appraise solution approach and results	4, 6, 8
3	Investigation	1, 7
3.1	Propose a working hypothesis	1, 7
3.2	Design and apply an experimental plan/investigative approach (for example, to characterize, test or troubleshoot a system)	1, 7
3.3	Analyze and interpret experimental data	1, 7
3.4	Assess validity of conclusions within limitations of data and methodologies	1, 7
5	Use of Engineering Tools	3, 6, 7, 8
5.1	Select appropriate engineering tools from various alternatives	3, 6, 7, 8

#	Outcome	Learning Outcome
5.2	Demonstrate proficiency in the application of selected engineering tools	3, 6, 7, 8
5.3	Recognize limitations of selected engineering tools	3, 6, 7, 8
6	Individual & Teamwork	9
6.1	Describe principles of team dynamics and leadership	9
6.2	Understand all members' roles and responsibilities within a team	9
6.3	Execute and adapt individual role to promote team success through, for example, timeliness, respect, positive attitude	9
6.4	Apply strategies to mitigate and/or resolve conflicts	9
6.5	Demonstrate leadership through, for example, influencing team vision and process, promoting a positive team culture, and inspiring team members to excel	9
7	Communication Skills	2, 5, 9
7.1	Identify key message(s) and intended audience in verbal or written communication as both sender and receiver	2, 5, 9
7.2	Interpret technical documentation such as device specification sheets, drawings, diagrams, flowcharts, and pseudocode	2, 9
7.3	Construct the finished elements using accepted norms in English, graphical standards, and engineering conventions, as appropriate for the message and audience	2, 9
7.4	Substantiate claims by building evidence-based arguments and integrating effective figures, tables, equations, and/or references	2, 5, 9
7.5	Demonstrate ability to process oral and written communication by following instructions, actively listening, incorporating feedback, and formulating meaningful questions	2, 9
8	Professionalism	5, 9
8.1	Demonstrate an understanding of what it means to be a professional engineer and distinguish between legislated and non-legislated professions	9
8.2	Effectively describe engineering law and its impact on professional engineering practice	9

#	Outcome	Learning Outcome
8.3	Demonstrate professional behaviour	5, 9
9	Impact of Engineering on Society and the Environment	2, 5
9.1	Analyze the safety, social, environmental, and legal aspects of engineering activity	2
9.2	Evaluate the uncertainties and risks associated with engineering activities	2, 5
9.3	Anticipate the positive and negative impacts of introducing innovative technologies to solve engineering problems	2

## 5 Teaching and Learning Activities

### 5.1 Lecture

Weeks 3, 6, and 9

Topics:

**Three 3-Minute Video Assignments**

Learning Outcome: 1, 2

You are required to submit three video assignments, each with a maximum length of 3 minutes. **Anything beyond 3 minutes will not be listened to and will not be counted toward your grade.** For each video assignment, you are asked to identify three themes you have noted from the course contents during the preceding weeks, and explain how you understand these fundamental concepts using the course materials (readings, external links and lectures and, if you can, recommended readings). The first video assignment (**due on Monday, October 05<sup>th</sup>**, any time before midnight; please submit to the assignment drop box) should speak to the course contents from preceding weeks. The second recording (**due on Monday, November 2nd** any time before midnight; please submit to the assignment drop box) and the third recording **due on Monday, Nov. 23rd** any time before midnight. Please state your name and student ID at the very beginning of your recording. Each 3-minute video is worth 5% for a total of 15% for this activity. One percent per-hour late submission penalty will apply. **You will be graded based on the following criteria:**

- a. the clarity of your presentation of the three themes you have noted
- b. the ways in which you are able to connect these themes to the course materials (make sure you cite the course materials)
- c. the completeness of your response based on what you could/should have learned through the course materials

The extent to which your recording demonstrates a degree of thoughtfulness and fluency in what you are saying – your recording should not be read (please don't write out your

recording and then read it). You should be speaking freely although you can have notes in front of you to make sure you maintain a clear and meaningful structure.

## Week 12

**Topics:** **Two Virtual Industry Guest Lectures & Interviews**

**Learning Outcome:** 7, 8

I have invited two professionals in the Geotechnical Engineering fields to give virtual guest lectures in the final week of classes and answer your practical technical questions. The questions will be supplied by you (one question per student per guest speaker) that we will ask in the interview portion at the end of the guest lectures, along with a one paragraph rationale for why you want to ask this question (the guest speakers and I will select the questions that we think are the best fit given the person being interviewed). You must supply your two questions (one question per student per guest speaker) **by noon on Friday Nov. 20th** to the designated CourseLink Drop Box Folder (1% per hour late submission penalty). Each question you submit is worth 5% for a total of 10% for this activity. **You will be graded based on the following criteria:**

1. You submitted a question – 1 mark
2. You submitted a one paragraph rationale for why you are asking this question – 2 marks
3. Your question is relevant to what you know about the professional (I will provide information about the guest speakers ahead of time) – 2 marks

## 5.2 Lecture Schedule

Lectures will be conducted synchronously (during the scheduled times) online via WebEx, which you can access through Courselink. Make sure you have WebEx installed before the beginning of the class and have a WebEx account. I strongly encourage everyone to join during regular class time (if they are able to) in order to have as much interactivity as the platform permits. Here is all the information you need to know about the lectures:

- I will be hosting the WebEx meeting and sharing my screen with the slides.
- Your microphone should be muted by default during the lecture.
- If you would like to ask a question, please use the “raise hand” functionality of WebEx and I will call your name. Find your name on the participant list, and hover over your name. A **Raise Hand** icon will appear. Click on the **Raise Hand** button which will place a small **hand** icon next to your name in the participant list. When I call your name, you should unmute your mic and you can also turn your video on if you would like to. After we have addressed the question, please use the “lower hand” functionality and revert back to mute.

- In order to conserve bandwidth, it is preferred to have the video turned off, but you may turn it on when you are asking a question.

In total five bi-weekly quizzes are scheduled during the Wednesday lectures of weeks 2, 4, 6, 8, and 10. The top four quizzes marks will count, worth 5% each, for a total contribution of **20%** towards the final grade.

<b>Lectures</b>	<b>Lecture Topics</b>	<b>Learning Objectives</b>
1 - 3	Soil Composition	1,7
4 - 6	<b>Soil Classification &amp; Lecture Quiz #1</b>	1,7
7 - 9	Excavation & Compacted Fill	1,2,7
10 - 12	<b>Groundwater Theory &amp; Lecture Quiz #2</b>	2,7
13 - 15	Groundwater Applications	2,3,8
16 - 18	<b>Site Exploration &amp; Lecture Quiz #3</b>	2,3,5,8,9
19 - 21	Stress in Soil Mass	3,4
22 - 24	<b>Soil Strength &amp; Lecture Quiz #4</b>	2,3,9
25 - 27	Stability of Earth Slopes	2,4,9
28 - 30	<b>Soil Settlement &amp; Lecture Quiz #5</b>	3,4,6
31 - 33	Rate of Consolidation	2,3,5
34 - 36	Lateral Earth Pressure	2,9

### 5.3 Bi-Weekly Virtual Lab Experiments and Lab Quizzes Schedule

The bi-weekly lab experiments will be conducted synchronously (during the scheduled times) online via WebEx, which you can access through Courselink. During each lab your instructors will give a live demonstration of the soils experiments with a few WebEx meeting breakout sessions for the more in-depth discussions. Each lab will include a quiz that will be done by each student individually on CourseLink. The top four quiz marks will count, each quiz is worth 5%, for a total contribution of **20%** towards the final grade.

<b>Week of</b>	<b>Activity</b>
Sep. 14	No labs this week
<b>Sep. 21</b>	<b>Particle Size Analysis &amp; Lab Quiz #1</b>
Sep. 28	No labs this week
<b>Oct. 5</b>	<b>Hydrometry test &amp; Lab Quiz #2</b>
Oct. 12	No Labs this week
<b>Oct. 19</b>	<b>Atterberg Limits &amp; Lab Quiz #3</b>
Oct. 26	No Labs this week
<b>Nov. 2</b>	<b>Falling Head Test &amp; Lab Quiz #4</b>
Nov. 9	No Labs this week
<b>Nov. 16</b>	<b>Direct Shear Test &amp; Lab Quiz #5</b>
Nov. 23	No labs this week
<b>Nov. 30</b>	<b>Open Lab</b>

If you miss a lab quiz due to grounds for granting academic consideration or religious accommodation, arrangements must be made with the teaching assistant to complete a makeup lab & quiz during the Open Labs scheduled for the week of Nov. 30th.

## 5.4 Weekly Seminar Schedule

Seminars will be conducted synchronously (during the scheduled times) online via WebEx, which you can access through CourseLink. Make sure you have WebEx installed before the beginning of the seminar (instruction on CourseLink). Students will form groups of three and collaborate in learning two engineering analysis and design software tools, namely: SEEP-W and SLOPE-W. Students will have one week to self-enroll into groups of 3 or the instructors will complete the groups or 3 assignment. The SEEP-W and SLOPE-W software programs greatly enhance the analysis and design capabilities for complex geotechnical engineering problems. Students of the same group will collaborate in building computer models for the assigned problems, discussions and submit a report electronically on CourseLink. **The SEEP-**

**W report is due October 15th and the SLOPE-W report due November 12 by midnight** for marking. Each of the software lab reports for SEEP-W and SLOPE-W are worth 10% for a total contribution of **20%** towards the final grade. However, late submissions will have a 1% penalty per hour (i.e. if you submit 12 hours late the grade will be multiplied by 0.88). The other main activity during the weekly seminars include tutorials in preparation for the bi-weekly lecture quizzes and the final exam.

### **Week of Activity**

#### **Sep. 14 Tutorials for Lecture Quiz #1**

Sep. 21 SEEP-W Tutorial, Part I

#### **Sep. 28 Tutorials for Lecture Quiz #2**

Oct. 5 SEEP-W Tutorial, Part II

#### **Oct. 12 Tutorials for Lecture Quiz #3**

Oct. 19 SLOPE-W Tutorial, Part I

#### **Oct. 26 Tutorials for Lecture Quiz #4**

Nov. 2 SLOPE-W Tutorial, Part II

#### **Nov. 9 Tutorials for Lecture Quiz #5**

Nov. 16 Tutorials for Final Exam Part I

Nov. 23 Tutorials for Final Exam Part II

Nov. 30 Tutorials for Final Exam Part III

In this course, your instructor will be using Turnitin, integrated with the CourseLink Dropbox tool, to detect possible plagiarism, unauthorized collaboration or copying as part of the ongoing efforts to maintain academic integrity at the University of Guelph. All submitted reports will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism of such reports. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site. Accounts are available to students on Turnitin to help with the editing of their submissions to ensure that plagiarism did not take place.

## 5.5 Other Important Dates

- **Monday, October 12**  
Holiday--NO CLASSES SCHEDULED -- classes rescheduled to Friday, December 4
- **Tuesday, October 13**  
Fall Study Break Day - NO CLASSES SCHEDULED -- classes rescheduled to Thursday, December 3
- **Thursday, December 3, 2020:** Make up for Study Day (Tuesday Schedule)
- **Friday, December 4, 2020:** Make up for Thanksgiving Day (Monday Schedule)  
Classes conclude

Undergraduate calendar:

<http://www.uoguelph.ca/registrar/calendars/undergraduate/current/>

## 6 Assessments

### 6.1 Marking Schemes & Distributions

The final grade for this course will be calculated as a weighted average according to the following distribution scheme.

Name	Scheme A (%)
Lab. Quizzes (4 x 5%)	20
Soft. Reports (2 x 10%)	20
Lect. Quizzes (4 x 5%)	20
Interview Quest. (2 x 5%)	10
3-Min Videos (3 x 5%)	15
Final Exam (1 x 15%)	15
Total	100

### 6.2 Assessment Details

**Bi-Weekly Lecture Quizzes (TOP 4 QUIZ MARKS WILL COUNT, WORTH 5% EACH) (20%)**

**Date:** Weeks 2, 4, 6, 8, and 10 during the Wednesday Lectures, Online - CourseLink

**Learning Outcome:** 1, 2, 4, 5, 6, 8

- Lecture Quiz #1, Wednesday, Sept. 23, 2020, during your lecture;
- Lecture Quiz #2, Wednesday, Oct. 7, 2020, during your lecture;

- Lecture Quiz #3, Wednesday, Oct. 21, 2020, during your lecture;
- Lecture Quiz #4, Wednesday, Nov. 4, 2020, during your lecture;
- Lecture Quiz #5, Wednesday, Nov. 18, 2020, during your lecture.

**Bi-Weekly Lab Quizzes (TOP 4 QUIZ MARKS WILL COUNT, WORTH 5% EACH) (20%)**

**Date:** Weeks 2, 4, 6, 8, and 10 during your scheduled lab, Online on CourseLink

**Learning Outcome:** 1, 7, 9

- Lab Quiz #1, Week of Sept. 21, 2020, during your lab;
- Lab Quiz #2, Week of Oct. 5, 2020, during your lab;
- Lab Quiz #3, Week of Oct. 19, 2020, during your lab;
- Lab Quiz #4, Week of Nov. 2, 2020, during your lab;
- Lab Quiz #5, Week of Nov. 16, 2020, during your lab.

**Three 3-Minute Videos (worth 5% each) (15%)**

**Date:** Weeks 3, 6, and 9, Online - CourseLink

- 3-min Video #1, Monday, October 5th, any time before midnight;
- 3-min Video #2, Monday, November 2nd, any time before midnight;
- 3-min Video #3, Monday, November 23rd, any time before midnight.

**SEEP-W Software Report (10%)**

**Date:** Due October 15th by midnight., Submit Electronically on Courselink DropBox.

**Learning Outcome:** 1, 2, 3, 4, 5, 6, 7, 8, 9

**SLOPE-W Software Report (10%)**

**Date:** Due November 12th by midnight., Submit Electronically on Courselink DropBox.

**Learning Outcome:** 1, 2, 3, 4, 5, 6, 7, 8, 9

**Questions for the Two Industry Professionals Interviews (Worth 5% Each) (10%)**

**Date:** Fri, Nov 20, 12:00 PM, Online - CourseLink

**Learning Outcome:** 7, 8

**Final Exam (15%)**

**Date:** Thu, Dec 10, 8:30 AM - 10:30 AM, Room Virtual

**Learning Outcome:** 1, 2, 4, 5, 6, 8

## 7 Course Statements

### 7.1 Disclaimer

Please note that the ongoing COVID-19 pandemic may necessitate a revision of the format of course offerings and academic schedules. Any such changes will be announced via CourseLink and/or class email. All University-wide decisions will be posted on the COVID-19 website [hyperlink to the website] and circulated by email.

## 7.2 Course Grading Policies

**Missed Assessments:** If you are unable to meet an in-course requirement due to medical, psychological, or compassionate reasons, please email the course instructor. See the undergraduate calendar for information on regulations and procedures for Academic Consideration: <http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-ac.shtml>

**Accommodation of Religious Obligations:** If you are unable to meet an in-course requirement due to religious obligations, please email the course instructor at the start of the semester to make alternate arrangements. See the undergraduate calendar for more detail on this topic: <http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-accomrelig.shtml>

**Missed Bi-Weekly Lecture Quizzes:** You have 5 chances to write and the top 4 lecture quizzes would count. However, if you miss more than one of the quizzes due to grounds for granting academic consideration or religious accommodation, the weight of the missed quiz will be added to the final exam.

**Missed Bi-Weekly Lab Quizzes:** You have 5 chances to write and the top 4 lab quizzes would count. If you miss a laboratory quiz due to grounds for granting academic consideration or religious accommodation, arrangements must be made with the teaching assistant to complete a makeup lab/quiz during the Open Lab week of Nov. 30th.

**Computer Model Reports:** All computer model reports must be submitted electronically on the course website on the designated drop box folder by the due date. Late submissions of the reports will receive 1% penalty per hour.

**Grade Dispute:** If a student feels that a Lab Report or Quiz was graded unfairly, or if there is an error in the grading, it should be brought to the attention of the Instructor by email within one week after the grade is posted on CourseLink. Scores will not be reconsidered beyond this period.

## 7.3 Academic Honesty and Integrity Pledge

- **Academic honesty and integrity** are essential principles of the University of Guelph and engineering as a profession. All UoG students are expected to behave as honest and responsible members of an academic community.
- **Engineering students** have an even greater responsibility to maintain the highest level of academic honesty and integrity as they prepare to enter a profession with those

principles as a cornerstone.

- **Cheating on exams or projects**, plagiarizing or any other form of academic dishonesty are clear violations of these principles.
- **Some examples of cheating in your Lecture/Lab Quizzes, include:**
  - Any recording of the exam screens, including taking screenshots, pictures, or video,
  - Copying the exam questions or answers,
  - Leaving mobile devices/smart phones, other web browsers, software applications, or other computers on during the exam,
  - Bringing in resource materials other than those allowed,
  - Allowing other individuals (other than examinee and invigilator) to come in and out of the room during the exam.

## 7.4 Diversity, Equity and Inclusion

It is important to recognize that each of us enters the classroom (virtual or physical) with different histories, cultural, racial, gender, and sexual orientations, which are also layered on by class, ability/disability, religion, etc, which results in unique experiences and perspectives. These differences can provide opportunities to explore and engage with multiple perspectives that can lead to much more informed and critical course interchanges. However, these perspectives and experiences are also impacted by larger social relations of power and oppression, which results in some groups experiencing racism, discrimination, and marginalization that can be expressed through verbal behaviour (e.g., direct or indirect comments, insults) and non-verbal behaviour (e.g., body language, avoidant behaviour, glances, rolling of eyes, who speaks, who does not speak). These behaviours, whether in the form of direct acts of exclusion or micro-aggressions, including comments in on-line discussion forums, will not be tolerated and will be challenged when they occur. It is the responsibility of all members of the course to address these practices and behaviours and to identify how we might be implicated, and assume responsibility for interrupting, resisting and preventing them.

# 8 School of Engineering Statements

## 8.1 Instructor's Role and Responsibility to Students

The instructor's role is to develop and deliver course material in ways that facilitate learning for a variety of students. Selected lecture notes will be made available to students on

Courselink but these are not intended to be stand-alone course notes. Some written lecture notes will be presented only in class. During lectures, the instructor will expand and explain the content of notes and provide example problems that supplement posted notes. Scheduled classes will be the principal venue to provide information and feedback for tests and labs.

## 8.2 Students' Learning Responsibilities

Students are expected to take advantage of the learning opportunities provided during lectures and lab sessions. Students, especially those having difficulty with the course content, should also make use of other resources recommended by the instructor. Students who do (or may) fall behind due to illness, work, or extra-curricular activities are advised to keep the instructor informed. This will allow the instructor to recommend extra resources in a timely manner and/or provide consideration if appropriate.

## 8.3 Lab Safety

Safety is critically important to the School and is the responsibility of all members of the School: faculty, staff and students. As a student in a lab course you are responsible for taking all reasonable safety precautions and following the lab safety rules specific to the lab you are working in. In addition, you are responsible for reporting all safety issues to the laboratory supervisor, GTA or faculty responsible.

# 9 University Statements

## 9.1 Email Communication

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

## 9.2 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. The grounds for Academic Consideration are detailed in the Undergraduate and Graduate Calendars.

Undergraduate Calendar - Academic Consideration and Appeals

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

Graduate Calendar - Grounds for Academic Consideration

<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/index.shtml>

Associate Diploma Calendar - Academic Consideration, Appeals and Petitions

<https://www.uoguelph.ca/registrar/calendars/diploma/current/index.shtml>

## 9.3 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 students (undergraduate, graduate and diploma) 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 their respective Academic Calendars.

Undergraduate Calendar - Dropping Courses

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

Graduate Calendar - Registration Changes

<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/genreg-reg-regchg.shtml>

Associate Diploma Calendar - Dropping Courses

<https://www.uoguelph.ca/registrar/calendars/diploma/current/c08/c08-drop.shtml>

## 9.4 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.

## 9.5 Accessibility

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 book their exams at least 7 days in advance and not later than the 40th Class Day.

For Guelph students, information can be found on the SAS website

<https://www.uoguelph.ca/sas>

For Ridgetown students, information can be found on the Ridgetown SAS website

<https://www.ridgetownc.com/services/accessibilityservices.cfm>

## 9.6 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 encourages academic integrity. 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.

Undergraduate Calendar - Academic Misconduct

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

Graduate Calendar - Academic Misconduct

<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/index.shtml>

## 9.7 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.

## 9.8 Resources

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

Academic Calendars

<https://www.uoguelph.ca/academics/calendars>

## 9.9 Disclaimer

Please note that the ongoing COVID-19 pandemic may necessitate a revision of the format of course offerings and academic schedules. Any such changes will be announced via CourseLink and/or class email. All University-wide decisions will be posted on the COVID-19 website (<https://news.uoguelph.ca/2019-novel-coronavirus-information/>) and circulated by email.

## 9.10 Illness

The University will not normally require verification of illness (doctor's notes) for fall 2020 or winter 2021 semester courses. However, requests for Academic Consideration may still require medical documentation as appropriate.

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