

## COURSE OUTLINE: FALL 2024

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<b>COURSE TITLE:</b>	INTRODUCTORY ECOLOGY
<b>COURSE CODE:</b>	BIOL 2210    FAB
<b>CREDITS:</b>	0.5
<b>WEEKLY HOURS:</b>	3.0 (2 lectures per week: Tues & Thurs 08h00 to 09h30) 3.0 (lab Georgian: Fri 12h00 to 15h00)
<b>ROOM:</b>	lecture:        H109 lab:              M313
<b>SUGGESTED TEXT:</b>	Smith, T.M., and Smith, R.L. (2015). <i>Elements of Ecology, 9<sup>th</sup> Edition</i> . Pearson Education.  <a href="https://www.pearson.com/store/p/elements-of-ecology/P100000209717/9780137502165">https://www.pearson.com/store/p/elements-of-ecology/P100000209717/9780137502165</a>
<b>PROFESSOR:</b>	DR. GERARDO REYES
<b>OFFICE:</b>	A112 (Georgian); OR 1035 (Orillia)
<b>TELEPHONE:</b>	(705) 330-4008 x2698
<b>E-MAIL:</b>	<a href="mailto:greyes@lakeheadu.ca">greyes@lakeheadu.ca</a>
<b>OFFICE HOURS:</b>	Tues & Thurs; by appointment (e-mail to confirm time)

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### 1. COURSE DESCRIPTION

Interrelationships of plants and animals with the environment. The distribution and dynamics of plant and animal communities. Aspects of applied ecology and conservation.

## 2. COURSE GOALS

BIOL 2210 familiarises students with key concepts, theories, and methods used to study ecology. Our lecture time will focus on understanding the key factors and mechanisms that determine the distribution and abundance of species. The laboratory consists of exercises that will help to facilitate understanding of the concepts addressed during lectures, as well as introduce you to contemporary methods used to collect, analyse, and interpret ecological data.

Thus, upon completion of the course you will be able to:

1. Demonstrate understanding of basic concepts, principles and theories associated with ecological research
2. Describe the key drivers and mechanisms that impact biological diversity at the individual, community, landscape, and global scales
3. Compile, summarise, and interpret ecological data
4. Appreciate the multidisciplinary nature of researching ecological systems
5. Understand how development can potentially impact ecosystem stability and drive unwanted change
6. Communicate ideas through written & oral communication skills developed via individual & group assignments and presentations (modules)
7. Develop & apply critical analytical skills

## 3. MODES OF INSTRUCTION

### LECTURES

Assigned readings, lectures, group discussions, hands-on training, & self-directed learning are employed for the lecture component of this course. Students are expected to be prepared in advance prior to each lecture by completing assigned readings accessible on D2L. Class time will build upon this base, focusing on important and/or more difficult concepts through lecture and discussion. Essentially, discussions help to clarify concepts, offer you the opportunity to demonstrate and deepen your understanding of the subject matter, and hopefully, make the material more interesting to tackle.

## Notice for Recording Lectures & Class Activities

In BIOL 2210, in the context of remote instruction and participation, video and audio recordings of class activities will be made to ensure students' and instructors' easy and comprehensive access to those activities. The recordings are confidential and are intended only for the use of the course students and instructors. They may otherwise not be used or disclosed. During recording, to protect others' privacy, each student should ensure that no one else is present in the location where they are being recorded without that non-student's consent. The recordings are made under the authority of Sections 3 and 14 of The Lakehead University Act, 1965. Questions about the collection of the images and sounds in the recordings may be directed to [Dr Mike Rennie](#), Acting Chair of Biology, 955 Oliver Road, Thunder Bay, ON, Canada, P7B 5E1, (807) 343-8927.

[https://www.lakeheadu.ca/sites/default/files/policies\\_procedures/Student%20Code%20of%20Conduct%20-%20Academic%20Integrity.pdf](https://www.lakeheadu.ca/sites/default/files/policies_procedures/Student%20Code%20of%20Conduct%20-%20Academic%20Integrity.pdf)

<sup>tt</sup> make sure that you have access to SPSS on your personal computer before this lecture! The download is free for all Lakehead students:

(<https://www.lakeheadu.ca/faculty-and-staff/departments/services/helpdesk/software/spss>)

## LABS

Lab material compliments lectures by providing a more in-depth examination of theoretical models and concepts introduced in lectures. Lab expectations as well as assignment/evaluation requirements will be discussed during your first lab session. Note also, that there are mandatory field trips scheduled for several lab sessions; details for which will be provided by your lab instructor.

## 4. COURSE OUTLINE

The tentative schedule is as follows:

Week 1	Sep 3 5	Welcome back! Introduction Guiding Ecological Principles
	<b>Readings (R):</b>	<b>1, 5</b>
Week 2	Sep 10 12	Abiotic Factors Terrestrial Ecosystems
	<b>R:</b>	<b>2, 4, 23</b>
Week 3	Sep 17 19	Aquatic Ecosystems – ZOOM lecture Aquatic Ecosystems II
	<b>R:</b>	<b>3, 5, 12, 17, 24</b>
Week 4	Sep 24 26	Population Structure & Dynamics QUIZ
	<b>R:</b>	<b>5, 12, 17</b>
Week 5	Oct 1 3	Landscape Ecology Module I – Landscape Ecology <sup>tt</sup>
	<b>R:</b>	<b>19</b>
Week 6	Oct 8 10	Module I – Landscape Ecology Module I – Landscape Ecology
	<b>R:</b>	<b>19</b>
Week 7	Oct 15 17 20	Module I – Landscape Ecology Conservation Biology Module I report due 22h00
	<b>R:</b>	<b>17, 18, 26</b>
Week 8	Oct 22 24	READING WEEK READING WEEK
Week 9	Oct 29 31	<b>MIDTERM</b> Module II – Prioritising Species Conservation
	<b>R:</b>	<b>17, 18, 26</b>
Week 10	Nov 5 7	Module II – Prioritising Species Conservation Module II – Prioritising Species Conservation
	<b>R:</b>	<b>17, 18, 26</b>

Week 11	Nov 12 14 17	Module II – Prioritising Species Conservation Module II – Prioritising Species Conservation Module II report due 22h00
	<b>R:</b>	<b>17, 18, 26</b>
Week 12	Nov 19 21	Disturbance Ecology I Disturbance Ecology II
	<b>R:</b>	<b>18, 22, 24</b>
Week 13	Nov 26 28	Restoration Ecology I Restoration Ecology II
	<b>R:</b>	<b>18</b>
<b>Exam period</b>	Dec XX	<b>tba</b>

## 5. EVALUATION OF ACHIEVEMENT

<b>QUIZ:</b>	<b>5 %</b>
<b>MIDTERM:</b>	<b>20 %</b>
<b>MODULES:</b>	<b>20 %</b>
<b>FINAL:</b>	<b>20 %</b>
<b>LAB:</b>	<b>35 %</b>

For your reference:

**Table 1.** Due dates for all graded components of our course

	Assignment	Due date	Proportion of grade
1	QUIZ	Sep 26	5
2	MODULE I	Oct 20	10
3	MIDTERM	Oct 29	20
4	MODULE II	Nov 17	10
5	FINAL	tba	20
6	LABS - various	See lab schedule	35
	<b>TOTAL</b>		<b>100</b>

**GRADING SCHEME:**

A+	90 to 100%	Outstanding understanding of the course concepts including integration of materials and ideas, ability to apply knowledge to situations
A	80 to 89%	
B	70 to 79%	Above average to excellent knowledge, ability to apply knowledge to situations
C	60 to 69%	Satisfactory knowledge including ability to recognise and apply major course concepts, and to progress to next level of course
D	50 to 59%	Some grasp of course concepts; will likely encounter difficulty with higher levels
E	40 to 49%	Failed to meet minimum requirements of the course
F	1 to 39%	Failure
F	0	Failure resulting from academic dishonesty

## 6. NETIQUETTE

Much like in a regular classroom, it is important that a positive, safe, dynamic, and constructive online learning environment is maintained. Thus, a set of guidelines for maintaining Netiquette are listed below. While you may not always agree with your instructor's or one of your peer's posts on the discussion board, please remember that everyone's opinions, thoughts, and responses must be respected. So while you are strongly encouraged to comment, question, or critique a post, personal attacks on an individual are not permitted. Essentially, we wish to build and maintain an engaging and respectful online learning environment.

Our online classroom Netiquette guidelines are as follows:

- Do not dominate any discussion. Give other students the opportunity to join in the discussion.
- Do not use offensive language. Present ideas appropriately.
- Be cautious in using Internet language. For example, do not capitalize all letters since this suggests shouting.
- Popular emoticons such as 😊 or 😞 can be helpful to convey your tone but do not overdo or overuse them.
- Avoid using vernacular and/or slang language. This could possibly lead to misinterpretation. Essentially, take some time to formulate your ideas. Be clear, concise, and complete.
- Never make fun of someone's ability to read or write.
- Share tips with other students.
- Keep an open-mind and be willing to express even your minority opinion. Minority opinions must be respected.
- Think and edit before you push the *send* button.
- Do not hesitate to ask for feedback.
- Using humor is acceptable but be careful that it is not misinterpreted. For example, are you being humorous or sarcastic?

*Guidelines adapted from:*

Mintu-Wimsatt, A., Kernek, C., & Lozada, H. R. (2010). Netiquette: Make it part of your syllabus.

*Journal of Online Learning and Teaching* 6(1). Retrieved from [http://jolt.merlot.org/vol6no1/mintu-wimsatt\\_0310.htm](http://jolt.merlot.org/vol6no1/mintu-wimsatt_0310.htm)

## 7. STUDENT RESPONSIBILITIES:

Students are expected to participate in all course activities and complete all assignments on time. Late assignments carry a 25% reduction in value per day, no exceptions. This may seem rather severe, but it's just not fair to those who hand assignments in on time.

### *General regulations*

It is the responsibility of each student registered at Lakehead University to be familiar with, and comply with all the terms, requirements, regulations, policies and conditions in the Lakehead University [Academic Calendar](#). This includes, but is not limited to, Academic Program Requirements, Academic Schedule of Dates, University and Faculty/School Policies and Regulations and the Fees and Refund Policies and Schedules

### *Student Support*

There are many resources available to support our students. These include but are not limited to:

- [Health and Wellness](#)
- [Student Success Centre](#)
- [Student Accessibility Centre](#)
- [Library](#)
- [Academic Support Zone](#) (Writing and Math Tutoring Centre)

Lakehead University is committed to achieving full accessibility for persons with disabilities/medical conditions. Part of this commitment includes arranging academic accommodations for students with disabilities/medical conditions to ensure they have an equitable opportunity to participate in all of their academic activities. If you are a student with a disability/medical condition and think you may need accommodations, you are strongly encouraged to contact Student Accessibility Services (SAS) and register as early as possible. For more information, please email [sas@lakeheadu.ca](mailto:sas@lakeheadu.ca) or visit <https://www.lakeheadu.ca/faculty-and-staff/departments/services/sas>



### *Mental Health & Wellness Services:*

As a university student, you may sometimes experience mental health concerns or stressful events that interfere with your academic performance and negatively impact your daily activities.

All of us can benefit from support during times of struggle. If you or anyone you know experiences academic stress, difficult life events or feelings of anxiety or depression, Lakehead has resources available to you. Check in with the [WellU Key](#) to find the mental health resources you are looking for.

Remember that getting help is a smart and courageous thing to do- for yourself, for those you care about, and for those who care about you. Getting support sooner rather than later is almost always helpful.

### *Exam/Assignment Integrity*

I understand and agree that:

(a) Unless otherwise allowed by the course instructor, I must complete the assignments in this course without the assistance of anyone else.

(b) Unless otherwise allowed by the course instructor, I must not access any sources or materials (in print, online, or in any other way) to complete any course exam.

I further understand and agree that, if I violate either of these two rules, or if I provide any false or misleading information about my completion of course assignments or exams, I may be prosecuted under the Lakehead University Student Code of Conduct – Academic Integrity, which requires students to act ethically and with integrity in academic matters and to demonstrate behaviours that support the University’s academic values.

### *Academic Integrity*

A breach of Academic Integrity is a serious offence. The principle of Academic Integrity, particularly of doing one’s own work, documenting properly (including use of quotation marks, appropriate paraphrasing and referencing/citation), collaborating appropriately, and avoiding misrepresentation, is a core principle in university study. Students are strongly advised to familiarize themselves with the Student Code of Conduct - Academic Integrity ("[The Code](#)") - and, in particular, sections 26 and 83 through 85. Non-compliance with the Code will NOT be tolerated in this course and the Code will be adhered to in terms of disciplinary action. The Code provides a full description of academic offences, procedures when Academic Integrity breaches are suspected and sanctions for breaches of Academic Integrity.

### ***Academic dishonesty (plagiarism):***

The most common offense under the [Academic Code of Conduct](#) is plagiarism.

This could be material copied word for word from books, journals, internet sites, professor's course notes, etc. It could be material that is paraphrased but closely resembles the original source. It could be the work of a fellow student, for example, an answer on a quiz, data for a lab report, a paper or assignment completed by another student. It might be a paper purchased through one of the many available sources. Plagiarism does not refer to words alone - it can also refer to copying images, graphs, tables, and ideas. "Presentation" is not limited to

written work. It also includes oral presentations, computer assignments and artistic works. Finally, if you translate the work of another person into French or English and do not cite the source, this is also plagiarism.

**I.E., DO NOT COPY, PARAPHRASE OR TRANSLATE ANYTHING FROM ANYWHERE WITHOUT CITING WHERE YOU OBTAINED IT!**

[University guidelines on the matter:](#)

The University takes a most serious view of offences against academic honesty such as plagiarism, cheating and impersonation. Penalties for dealing with such offences will be strictly enforced.

A copy of the "[Code of Student Behaviour and Disciplinary Procedures](#)" including sections on plagiarism and other forms of misconduct may be obtained from the Office of the Registrar.

The following rules shall govern the treatment of candidates who have been found guilty of attempting to obtain academic credit dishonestly.

(a) The minimum penalty for a candidate found guilty of plagiarism, or of cheating on any part of a course will be a zero for the work concerned.

(b) A candidate found guilty of cheating on a formal examination or a test, or of serious or repeated plagiarism, or of unofficially obtaining a copy of an examination paper before the examination is scheduled to be written, will receive zero for the course and may be expelled from the University.

Students disciplined under the [Code of Student Behaviour and Disciplinary Procedures](#) may appeal their case through the [Judicial Panel](#).

Note: "[Plagiarism](#)" shall be deemed to include:

1. Plagiarism of ideas as where an idea of an author or speaker is incorporated into the body of an assignment as though it were the writer's idea, i.e. no credit is given the person through referencing or footnoting or endnoting.
2. Plagiarism of words occurs when phrases, sentences, tables or illustrations of an author or speaker are incorporated into the body of a writer's own, i.e. no quotations or indentations (depending on the format followed) are present but referencing or footnoting or endnoting is given.
3. Plagiarism of ideas and words as where words and an idea(s) of an author or speaker are incorporated into the body of a written assignment as though they were the writer's own words and ideas, i.e. no quotations or indentations (depending on format followed) are present and no referencing or footnoting or endnoting is given.

A listing of University Regulations can be found at:

<https://www.lakeheadu.ca/programs/graduate/regulations>

The code of student behaviour and disciplinary procedures (effective May 1, 2019) can be found at:

<https://www.google.com/url?client=internal-element-cse&cx=012906367850555877284:uxo0wfmf8ra&q=https://www.lakeheadu.ca/sites/default/files/uploads/106/Item%25204.1.1%2520c%2520-%2520Code%2520of%2520Student%2520Behaviour%2520and%2520Disciplinary%2520Procedures.pdf&sa=U&ved=2ahUKEwjE9-jzrb-AAxUrE1kFHcbiA0AQFnoECAEQAAQ&usq=AOvVaw3GGLgP1narXf2SciHB4y->

## AI Policy (GenAI use)

Generative artificial intelligence (Generative AI or GenAI) is a category of AI systems capable of generating text, images, or other media in response to prompts. These systems include ChatGPT and its variant Bing (built by OpenAI) and Bard (built by Google) among several others. Other generative AI models include artificial intelligence art systems such as Stable Diffusion, Midjourney, and DALL-E.

GenAI tools can provide valuable assistance and support in academic work. However, it is essential to use them responsibly and ethically. The following information and guidelines apply to the use of AI-based tools in this course:

- a. **Student Responsibility** – It is the responsibility of the student to understand the limitations of AI-based tools. While these tools can provide suggestions and insights, final decisions and critical thinking should come from the student's own understanding and effort. Before submitting, review your work with this in mind. If you don't understand what type of GenAI usage is appropriate, ask the course instructor for clarification.
- b. **Formative Usage** – In this class, you may use GenAI for formative, but not summative, work. That means it can be used as a “possibility engine” (brainstorm tool), a “study buddy,” a “collaboration coach,” a “guide on the side,” a “personal tutor,” a “co-designer,” etc. to help you learn course content, but it cannot be used as the primary vehicle for any work that is submitted for marks or evaluation. (See UNESCO's “[ChatGPT and Artificial Intelligence in Higher Education Quick Start Guide](#),” page 9, for explanations and examples of these and other roles GenAI can productively serve in a formative capacity.)
- c. **Error & Bias** – AI content is created by computer algorithms that have been trained using large amounts of data. The AI learns from patterns and examples in the data to generate new content that resembles what it has been trained on. If the training data used to train the AI model is biased or limited in scope, the AI may reproduce content that is inaccurate, incomplete, offensive, and/or biased. Students should weigh this as they consider material produced by AI.
- d. **Trustworthiness** – Generative AI can be vulnerable to manipulation and misuse. It can be used to generate fake news, misinformation, or deepfake content, which can have harmful consequences. Students should check AI generated content against reputable sources.
- e. **Plagiarism** – Since [writing and critical thinking ability] are learning outcomes of this course, all work submitted for evaluation must be the student's original work. Using the work of others (including content curated/generated by AI) without proper citation is considered plagiarism. See “[Citing Artificial Intelligence](#)” for assistance with correct documentation.
- f. **Citation of Sources** – If you use material generated by an AI program for an assignment in this course, it must be cited like any other source (with due consideration for the quality of the source, which may be judged as poor). Failure to do so will be considered a violation of academic integrity. [See Student Code of Conduct – Academic Integrity](#).

## 8. STUDENT SERVICES AND SUPPORT (Georgian College)

**Student Advisors** (<https://georgiancollege.sharepoint.com/sites/student/Student-Services/StudentAdvisors/SitePages/Home.aspx>)

Help students build both academic and personal resilience so that they can flourish at Georgian and beyond

Provide individual, group and web-based advising sessions

Are housed within the academic areas

- To book an appointment with your advisor go to the **Student Portal (preferred)** or call **705-728-1968 Ext. 1307**

**Library** (<http://library.georgiancollege.ca/main>)

Customer Service

- Off campus access

Research help

- Help finding books, articles and credible sources.
- Using specialty databases.
- Creating a search strategy.

**Academic Success** (<https://library.georgiancollege.ca/help/contact-academic-success>)

**Writing Centre** ([http://library.georgiancollege.ca/writing\\_centre](http://library.georgiancollege.ca/writing_centre))

- Improve your writing.
- Help with citing sources and laying out your paper.

**Math Centre** ([http://library.georgiancollege.ca/math\\_centre](http://library.georgiancollege.ca/math_centre))

- Make sense of math questions.
- Understand concepts and develop skills.

**Tutors** (<http://library.georgiancollege.ca/tutoring>)

- Further understand course content.
- Build your study practices.

**Accessibility Services** (<https://www.georgiancollege.ca/student-life/student-services/accessibility-services/>)

If you are a student experiencing a disability who may require academic accommodations and have not yet registered with Accessibility Services, please contact their office at 705-722-1523, email [studentsuccess@georgiancollege.ca](mailto:studentsuccess@georgiancollege.ca), or visit their offices in B110. You must be registered with Accessibility Services to access academic accommodations. Support for those students whose success at college may be affected by a disability include:

- Ongoing support from our Accessibility Advisors including arranging a confidential psychoeducational assessment where required
- Training in the use of specialized computer technology
- Classroom and test accommodations

**Testing Services** (<http://www.georgiancollege.ca/student-life/student-services/testing/>)

- Accommodated testing
- Missed/Makeup testing
- Proctoring services are also available for external and Ontario Learn exams

**Counselling** (<http://www.georgiancollege.ca/student-life/student-services/counselling/>)

- Free, confidential counselling is available to all students
- Walk in counselling is available on a daily basis Monday to Friday

Career assessments and exploring options

- Job search workshops
- Labour market information
- Resume/cover letter help
- Interview practice
- Graduate employment information
- Links to job postings and online resource

## 9. CONTACTS (Georgian College)

STUDENT ADVISING (NON-ACADEMIC)	
Becca Allan Advisor, Accessibility and Academic Success Services	Tel: 705-728-1968, Ext. 5373 <a href="mailto:Becca.Allan@GeorgianCollege.ca">Becca.Allan@GeorgianCollege.ca</a> (Georgian, Barrie) Room A143L

APPLIED LIFE SCIENCES		
<b>Lakehead University</b> Program Coordinator	Dr. Heidi Schraft	Tel: 807-343-8351 <a href="mailto:heidi.schraft@lakeheadu.ca">heidi.schraft@lakeheadu.ca</a> (Lakehead, Thunder Bay) Room CB 4015
<b>Georgian College</b> Program Lead	Dr. Sean Madorin	Tel: 705-728-1968, Ext. 1085 <a href="mailto:sean.madorin@georgiancollege.ca">sean.madorin@georgiancollege.ca</a> (Georgian, Barrie) Room M312B
<b>Lakehead University</b> Academic Advisor	Dr. David Law	Tel: 705-330-4008, Ext. 2646 <a href="mailto:dlaw@lakeheadu.ca">dlaw@lakeheadu.ca</a> (Lakehead, Orillia) Room OA3018
<b>Georgian College</b> Program Assistant	Sabrina Chun	Tel: 705-728-1968, Ext. 1173 <a href="mailto:sabrina.chun@georgiancollege.ca">sabrina.chun@georgiancollege.ca</a> (Georgian, Barrie) Room M312

COMPUTER SCIENCE		
<b>Lakehead University</b> Department Chair	Dr. Vijay Mago	Tel: 807-343-8310 <a href="mailto:vmago@lakeheadu.ca">vmago@lakeheadu.ca</a> (Lakehead, Thunder Bay) Room AT 5016
<b>Georgian College</b> Program Coordinator	Ross Bigelow	Tel: 705-728-1968, Ext. 5325 <a href="mailto:ross.bigelow@georgiancollege.ca">ross.bigelow@georgiancollege.ca</a> (Georgian, Barrie) Room A155
<b>Lakehead University</b> Professor and Student Advisor	Dr. Ruizhong Wei	<a href="mailto:rwei@lakeheadu.ca">rwei@lakeheadu.ca</a> (Lakehead, Orillia)
<b>Georgian College</b> Program Assistant	Cheryl McWilliam	Tel: 705-728-1968, Ext. 1255 <a href="mailto:cheryl.mcwilliam@georgiancollege.ca">cheryl.mcwilliam@georgiancollege.ca</a> (Georgian, Barrie) Room D125
<b>Georgian College</b> Lab Technician	Computer Science Help Desk	Tel: 705-728-1968, Ext. 1173 <a href="mailto:cstech@georgiancollege.ca">cstech@georgiancollege.ca</a> (Georgian, Barrie) Room A155

<b>ELECTRICAL ENGINEERING</b>		
<b>Lakehead University</b> Department Chair	Dr. Carlos Christoffersen	Tel: 807-343-8352 <a href="mailto:carlos.christoffersen@lakeheadu.ca">carlos.christoffersen@lakeheadu.ca</a> (Lakehead, Thunder Bay) Room AT 5017
<b>Lakehead University</b> Program Coordinator	Dr. Mohammad Uddin	Tel: 705-728-1968, Ext. TBA <a href="mailto:mohammad.uddin@lakeheadu.ca">mohammad.uddin@lakeheadu.ca</a> (Georgian, Barrie) Room A143E-1
<b>Georgian College</b> Program Coordinator	Dr. Majid Ostad Rahimi	Tel: 705-728-1968, Ext. 1948 <a href="mailto:majid.ostadrahimi@georgiancollege.ca">majid.ostadrahimi@georgiancollege.ca</a> (Georgian, Barrie) Room A143
<b>Georgian College</b> Program Assistant	Jacqueline Huggard	Tel: 705-728-1968, Ext. 5225 <a href="mailto:jacqueline.huggard@georgiancollege.ca">jacqueline.huggard@georgiancollege.ca</a> (Georgian, Barrie) Room A143L

<b>ENVIRONMENTAL SUSTAINABILITY</b>		
<b>Lakehead University</b> Department Chair	Dr. Sreekumari Kurissery	Tel: 705-330-4008, Ext. 2629 <a href="mailto:skurrisse@lakeheadu.ca">skurrisse@lakeheadu.ca</a> (Lakehead, Orillia) Room OA 3010
<b>Georgian College</b> Program Coordinator	Samantha Sullivan Sauer	Tel: 705-728-1968, Ext. 6280 <a href="mailto:samantha.sullivansauer@georgiancollege.ca">samantha.sullivansauer@georgiancollege.ca</a> (Georgian, Barrie) Room A143K
<b>Georgian College</b> Program Assistant	Jacqueline Huggard	Tel: 705-728-1968, Ext. 5225 <a href="mailto:jacqueline.huggard@georgiancollege.ca">jacqueline.huggard@georgiancollege.ca</a> (Georgian, Barrie) Room A143L

<b>SCIENCE LABORATORY SUPPORT</b>		
<b>Lakehead University</b> Laboratory Technician	Chase Moser	Tel: 705-728-1968, Ext. 1839 <a href="mailto:cmoser@lakeheadu.ca">cmoser@lakeheadu.ca</a> (Georgian, Barrie) Room A143Q

<b>COOP CONTACTS</b>		
<b>Georgian College</b> Co-op Consultant (Student Services for Computer Science- Computer Programmer; Course only for Electrical Engineering)	Beth Salt	Tel: 705-728-1968, Ext. 1642 <a href="mailto:beth.salt@georgiancollege.ca">beth.salt@georgiancollege.ca</a> (Georgian, Barrie) Room B110V
<b>Georgian College</b> Employer Relations Consultant (Employer relations and co-op monitor for Computer Science- Computer Programmer)	Jodi Derrick	Tel: 705-728-1968, Ext. 1493 <a href="mailto:jodi.derrick@georgiancollege.ca">jodi.derrick@georgiancollege.ca</a> (Georgian, Barrie) Room F118A

<b>Lakehead University</b> Co-op Coordinator (Student and Employer Services for Electrical Engineering)	Meagan Shwetz	Tel: 807-766-7190 <a href="mailto:coop@lakeheadu.ca">coop@lakeheadu.ca</a> (Lakehead, Thunder Bay) Room SC 0017B
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## 10. CAMPUS SAFETY AND SECURITY (Georgian College)

### **Emergency Evacuation** (<https://www.georgiancollege.ca/about-georgian/campus-safety-services/tab/fire>)

Evacuate buildings when a fire alarm is activated or an official announcement is given. Review [evacuation guidelines](#). (<https://www.georgiancollege.ca/about-georgian/campus-safety-services/tab/fire>)

Students requiring assistance in emergency situations must inform their faculty during the first week of class.

Familiarize yourself with all fire exit doors of classrooms and buildings you may occupy.

Do not re-enter a building until instructions are given by the Fire Department or college personnel.

### **Lockdown** (<https://www.georgiancollege.ca/about-georgian/campus-safety-services/tab/lockdown>)

Lockdown is initiated when there is a potential or actual violent incident on campus that could result in a serious injury or threat to life.

Students can download the new Safe@Georgian app to stay updated on Campus Safety and Security information including lockdown.

Familiarize yourself with the [College Lockdown procedure](#) (<https://www.georgiancollege.ca/wp-content/uploads/Lockdown.pdf>)

Lockdown tests occur each semester.

#### **Resources:**

[Get Out, Hide, Fight Lockdown Video](http://youtu.be/JA8cckMbVDk) (<http://youtu.be/JA8cckMbVDk>)

[Lockdown quick reference sheet](http://www.georgiancollege.ca/wp-content/uploads/COM-15-416 LockdownProcedure Signage FVR3 print.pdf) (<http://www.georgiancollege.ca/wp-content/uploads/COM-15-416 LockdownProcedure Signage FVR3 print.pdf>)

Lockdown Model – Get Out, Hide, Fight: Lockdown Tools and Tactics and FAQs.

### **Unscheduled Campus Closure** (<https://www.georgiancollege.ca/about-georgian/campus-safety-services/tab/campus-closures>)

#### **Resources:**

[How to find out if your campus is closed](http://www.georgiancollege.ca/about-georgian/campus-safety-services/#how-to-find-out-if-your-campus-is-closed) (<http://www.georgiancollege.ca/about-georgian/campus-safety-services/#how-to-find-out-if-your-campus-is-closed>)

[Unscheduled Campus Closure Procedure](https://www.georgiancollege.ca/wp-content/uploads/2-102Unscheduled-college-closure-2018.02.10.pdf) (<https://www.georgiancollege.ca/wp-content/uploads/2-102Unscheduled-college-closure-2018.02.10.pdf>)



## Timing of Closures/Notification:

Closure	Decision	Communication / Notification*	Notes
<b>College has made the decision to close a campus or location <u>in the morning</u>:</b>	6:00 a.m.	By 6:30 a.m.	If re-opening for noon or evening classes is being considered, this will be mentioned in the message
<b>College closes a campus(s) in the morning and <u>expects to re-open by 12:00 noon</u></b>	9:30 a.m.	By 10:00 a.m.	Only affects classes beginning at 12 noon or later
<b>Closure expected to continue <u>past 12:00 noon</u></b>	9:30 a.m.	By 10:00 a.m.	
<b>College intends to <u>re-open for evening classes</u> which commence at 5 p.m. or later</b>	2:30 p.m.	By 3:00 p.m.	
<b>College intends to <u>NOT re-open for evening classes</u>:</b>	2:30 p.m.	By 3:00 p.m.	

### **\*Notification will be made via:**

- Georgian social media (Facebook, Twitter)
- Safe@Georgian app
- Georgian website (homepage)
- Recorded message when you call into Barrie campus at 705-728-1968
- Student or employee portal
- Georgian email account
- Radio and television announcements through local and regional media

Note: We only announce the names of campuses that are closed. If your campus is not named in a closure, it is open.

## 11. LAND ACKNOWLEDGEMENT:

Lakehead University respectfully acknowledges its campuses are located on the traditional lands of Indigenous peoples.

Lakehead Thunder Bay is located on the traditional lands of the Fort William First Nation, Signatory to the Robinson Superior Treaty of 1850. Lakehead Orillia is located on the traditional territory of the Anishinaabeg. The Anishinaabeg include the Ojibwe, Odawa, and Pottawatomi nations, collectively known as the Three Fires Confederacy.

Lakehead University acknowledges the history that many nations hold in the areas around our campuses, and is committed to a relationship with First Nations, Métis, and Inuit peoples based on the principles of mutual trust, respect, reciprocity, and collaboration in the spirit of reconciliation.