

# **Department of Biology Course Outline**

# SC/BIOL 1001 3.0 Biology II – Evolution, Ecology, Biodiversity & Conservation Fall 2021

# **Course Description**

A continuation of Biology I, exploring major unifying concepts and fundamental principles of biology, building on earlier concepts. Topics include mechanisms of evolution, ecology, a survey of biodiversity and conservation biology. **The laboratory and lecture components must be passed independently to pass the course.** 

# Prerequisites

SC/BIOL 1000 3.00; Course credit exclusions: SC/BIOL 1010 6.0, SC/BIOL 1410 6.00

# Course Format & Technology Requirements

- All elements of the course will be conducted online. There are no on-campus activities.
- The course will run based on Eastern Standard Time (i.e., all deadlines, times for synchronous sessions are in EST).
- You will be asked to submit some assessments to Turnitin and/or Crowdmark.
- Students must have a laptop or desktop computer with a microphone. If you do not have a computer and are
  within reach of York University, you may be able to <u>borrow one</u>.
- Access to reliable high-speed internet is required.
- Some aspects of the course (synchronous sessions) will involve **Zoom** video conferencing software.
- Most labs involve SimUText software by the SimBio company (<u>simbio.com</u>). It is essential that you check
  you have the system requirements to run this software as it does not work on some devices, including mobile
  devices and potentially Chromebooks. Please visit the <u>SimUText Check Your Tech</u> website to confirm that the
  SimUText application will work on your computer and/or to explore your options if there is a problem.
  - If you have a Chromebook, please contact the SimUText support team (below) to determine if your system supports SimUText.
  - For SimUText technical support, including questions about system requirements, please consult the support team at <u>https://simutext.zendesk.com</u>
  - Purchase of the code to access the SimUText labs may be made either as a voucher from the York Bookstore or directly from the SimBio company at the time of SimUText registration using a credit card (\$24 USD; exchange rate will apply at time of purchase). See the class eClass site for details.
- I recommend downloading Office so you can use Word and Excel (freely available to students <u>via the UIT</u> <u>Website</u>)
- Other software that may be useful in the course (e.g., PDF X-change PRO) is available for free for PCs through the myApps website.

# **Course Instructors and Contact Information**

Course Instructor: Dr. Kristen Brochu (<u>brochuk@yorku.ca</u>) Office Hours: TBD

Laboratory Coordinator: Melissa Galicia (b1001lab@yorku.ca)

We will try to respond to email within 2 working days (not including weekends), but this is not always possible. Please do **not** use eClass Messenger for contact as this system is not used for this course. Please remember to exercise email etiquette:

- Use your @my.yorku.ca email address email from other sources may be filtered out.
- Include your name and student number in your email!
- Use professional and respectful language
- Subject Line Include a brief indication of the topic. E.g., "Question about pre-class quiz"

### Schedule

All course times, including deadlines, are EST/Toronto time.

### Synchronous Lecture Schedule (EST/Toronto time)

Mon./Wed. 17:30-19:00

Access through Zoom link available on eClass

- Weekly readings and/or recorded lectures that introduce content will be provided ahead of time. Please watch these and complete the online quiz prior to the synchronous session.
- During the synchronous Zoom sessions, we will **apply the knowledge gained from the readings and/or videos** (e.g., to case studies). Answers to activity questions must be submitted for activity marks (marked for completion only). The synchronous sessions provide a chance for you to interact with your peers and your instructor and get timely feedback on your understanding of the course material. To maintain the proven benefits of interaction and active learning, I highly recommend that you attend the synchronous (live) sessions, but alternative options to submit answers may be available for those that are unable to join.
- Near the end of the week, a 'Question of the Week' will be posted as graded work, which you will need to complete individually to demonstrate your understanding. Questions of the Week are marked for correctness and clarity.

Laboratory Schedule: All labs take place remotely. Please refer to the university online course information site and the laboratory schedule on the BIOL 1001 lab eClass site for the course. Times for synchronous laboratory sessions and Zoom links vary by lab section and some weeks do not have synchronous sessions. Please attend the synchronous sessions to get help from TAs, or post to the lab question discussion forum for an asynchronous alternative. The one exception is the **week of Nov 1-5** (lab #5, Environment in the Media); part of this lab will involve a live video conference during your scheduled lab period.

Both lecture and laboratory components must be passed independently to pass the course.

Evaluation		
Quizzes†:	20%	Weekly; released on Tuesday and due the following Sunday at 11:59pm
Questions of the Week (QOW)*:	25%	Weekly; released on Friday and due the following Friday at 11:59pm
Integrative Questions:	5%	At the end of the term
Final Assessment:	20%	Final exam period, scheduled by Registrar's Office
Activities^:	8%	Weekly throughout term; includes practice questions, activities, etc.
Laboratory**:	22%	Mandatory, even if repeating the course.

† There will be 11 quizzes; your best 10 of 11 quizzes will count towards this mark. Quizzes will be based on readings and online (pre-recorded) lectures. Quiz points are awarded based on correctness.

\* There will be 11 QOW; your best 10 of 11 QOW assignments will count towards this mark.

^ Items in the Activities category are for points for reasonable participation/completion. The lowest grades for 20% of the points (including zeroes) will be dropped to calculate your grade for this category. Activities will be administered during synchronous classes, although an asynchronous option may be made available.

\*\*Both lecture and laboratory components must be passed independently to pass the course.

Please provide your course instructor with Accommodation documentation by 3pm, Monday, Sept 20th

Broadly, a typical week would consist of the following:

• Pre-class content: videos, readings etc. (to be completed prior to the start of the week)

- Online reading quiz (to be completed prior to the start of the week, typically due Sunday, 11:59pm)
- Activities: two options to complete. Either:
  - During synchronous Zoom sessions in the regularly scheduled lecture time slot or
  - Asynchronously (instructions on eClass)
- Questions of the week (due one week after they are released)

# Reading quizzes:

- Based on the material you are asked to review prior to the synchronous sessions this can be videos, readings etc.
- Most questions are multiple choice and are marked for correctness
- You have two attempts for each quiz with the higher mark retained for your grade.
- When your quiz grade is calculated, the quiz with the lowest mark, including zeroes, will be dropped. This accounts for missing a quiz for any reason (including missing the deadline, technological/internet problems, illness etc.) and means additional exemptions/extensions will not be granted.
- Because quizzes ensure you are prepared for the coming week's activities, they cannot be submitted late. Therefore, grace days can **NOT** be applied to reading quizzes and late quizzes will not receive any marks (see course policy section).

# Activities grade:

- Will be marked for participation: i.e., no penalty for submitting an incorrect answer, but to receive participation points you have to make a reasonable effort at answering all questions. For collaborative team submissions you must have made substantial contributions. Deductions or no points may be given if little effort was made (e.g., missing answers to some questions)
- Grace days **can** be applied to Activities (see course policy section). This is to account for technological problems, illness etc. Thus, additional exemptions/extensions cannot be granted as participation is a crucial component of this course.

# Questions of the week (likely submitted through Crowdmark and Turnitin):

- Normally short-answer questions
- Open book but the answers MUST be in your own words; you cannot copy anything from anyone else nor from the internet, textbooks or course slides. Remember this is an individual assessment! Your answers must be based on what you learned in this course during this term; you are not permitted to search for answers on the internet.
- No electronic file-sharing: You are not permitted to show your answers to anyone or post them anywhere (doing so is considered aiding and abetting and a breach of academic honesty)
- You may discuss the questions with other people from the course (e.g., in your study group), but if you do, you <u>MUST</u> note their names in your submission as a collaborator (but remember not to copy from each other).
- When calculating your QOW grade, the lowest mark (including zeroes) will be dropped.
- Grace days apply to QOWs (see course policy section)

# Labs:

- All labs will be conducted online. See the posted lab schedule on the lab eClass site for details on synchronous sessions and deadlines.
- Grace days for labs: each Simbio lab can be submitted up to 1 day late without penalty; for other labs, please see the BIOL 1001 Lab eClass website. Please note that the deadline listed on the SimUText application may be the final deadline (after the grace day), not the initial one! Always check the lab schedule for deadlines.
- Even if you have taken this course previously you MUST complete the labs again. You also cannot submit a lab report that you have previously submitted, you need to write a new one.

A considerable amount of buffer has been built into this course; any modifications to the grading scheme will not be considered. *Note: While we try to avoid this as much as possible, final course grades may be adjusted to conform to Program or Faculty policies for grades distribution profiles.* 

### Important Dates

### Classes start Wednesday, Sept 8 (Monday Sept 13)

**LABS START the week of Sept 20:** There are 6 labs; labs 1, 2, 3, 4, and 6 are asynchronous. Lab 5 is synchronous. See the lab schedule on the eClass site for schedule details.

**Final Assessment –** during Final Exam period – these are scheduled and published by the Registrar's Office Last Day to drop the course without receiving a grade: Nov 12, 2021

Course Withdrawal Period: (withdraw from a course and receive a grade of "W" on transcript): Nov 13 – Dec 7 *For additional important dates such as holidays, refer to the* "*Important Dates*" section of the Registrar's Website.

# Resources

This includes material designed for use as part of SC/BIOL 1001 3.0 at York University and is the property of the instructor unless otherwise stated. Third party copyrighted materials (such as book chapters and articles) have either been licensed for use in this course or fall under an exception or limitation in Canadian Copyright law. Copying this material for distribution (e.g., uploading material to a commercial third-party website) is a violation of Copyright law. You do NOT have the right to post course materials anywhere or share them with anyone outside of this course.

### Textbook (required)

The required text (which you can rent or buy):

• Freeman *et al.* 2018. 'Biological Science', 3<sup>rd</sup> Canadian edition, Pearson (full book; bird on cover) or the eText version of the full book.

Other readings may be assigned during the course and will be made available to students.

### Simbio (required)

BIOL 1001 Fall 2021 SimBio activation key for the 4 online labs. Activation key can be purchased online directly from SimBio using a credit card or you can purchase a voucher from the York University bookstore.

### Course eClass Site (https://eclass.yorku.ca/):

Pre-recorded lectures, quizzes, non-text readings, and assignments will be found here (unless otherwise noted)

### **Course Learning Outcomes**

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

- Apply and build upon concepts, including learning strategies, from BIOL 1000 to BIOL 1001 topics.
- Use the process of scientific inquiry to develop hypotheses, make predictions, evaluate evidence, and make effective decisions/written arguments about real-world biological issues.
- Explain the multiple lines of evidence for evolution, to peers and/or a general audience.
- Apply knowledge of evolutionary mechanisms and basic genetics to explain accurately the common ancestry and diversity of life on Earth, how populations change over time, and how new species arise.
- Construct a phylogenetic tree to accurately represent evolutionary relationships between organisms.
- Synthesize knowledge about evolutionary mechanisms and ecological concepts to produce a well-reasoned solution to an ecological problem.

### Course Content

In this course, you are introduced to biological terminology and major concepts that underlie this field and will help you to develop a foundation for further courses/work in biology and related areas. While the scope of material in this course is very broad, **students are encouraged to consider common threads and themes** that extend across the various topics, including those presented in BIOL 1000. This course is intended to help develop the scientific literacy and critical thinking skills required of citizens in modern society.

Introductory survey courses often seem to be composed of a huge set of known, static facts, but the science of Biology (and other areas) is *dynamic, questioning, and continually changing over time*. In science, we are constantly challenging existing hypotheses and models through experimentation as new observations are made. My role as an instructor is to provide you with multiple learning opportunities in an environment that challenges you, and to encourage you to ask questions. I also encourage you to seek answers to your questions on your

own—another important skill to practice! You are expected to complete the required readings and online work prior to the synchronous class time. As in all courses, students are expected to spend time beyond the regular course hours in preparation, review, studying, etc., related to the course.

### Lecture Topics include:

- Nature of Science
- Mechanisms of Evolution (incorporates genetics from BIOL 1000)
- MacroevolutionPhylogeneticsHuman Evolution
- EcologyConservation Biology

### Topic-specific learning outcomes will be made available on eClass.

The **lab** is a key part of this course, as experimentation, observations and communication of biological phenomena are important aspects of doing and understanding science. As well, the lab simulations help support your learning and understanding of lecture concepts.

# Experiential Education and E-Learning

*E-Learning:* online quizzes (both lecture and lab), weekly activities, supplemental videos

*Experiential Education:* Lab work, teamwork in synchronous lecture and lab sessions.

# Course Policies

# Although lengthy, it is VERY important that you read and familiarize yourself with our course policies.

# E-MAIL ETIQUETTE:

Meant to help foster a respectful and efficient correspondence, which ultimately benefits everyone!

- Please use your Yorku email address when emailing instructors and TAs as other email addresses are often filtered out by the university server and will not reach us. Do not use the eClass emailing system – these messages will not reach us.
- **Subject line:** A brief indication of the topic (*e.g.*, 'Question about pre-class quiz').
- Include your NAME at the end of each email. It helps us know which name you would like to be addressed by. Please also include your student ID number
- **Remember, you are in a professional environment,** and thus all your written correspondence, including emails, should be professionally conducted.
- Please allow at least 48 hours (2 workdays, not including weekends) to respond.
  - Please avoid re-sending your email as this adds to email influx, resulting in further delays in responding.
- Before emailing your instructor, consider the nature of your question and whether another resource should be consulted first, including the the Course Outline or eClass site.

# ACADEMIC INTEGRITY:

- Students are expected to be familiar with and follow <u>York University's policies regarding academic integrity</u>. Please consult the eClass site and the <u>York Spark Website</u> for details.
- Electronic file-sharing is not permitted. Some exceptions apply, such as sharing within your team for the purpose of completing activities that are specifically designated as collaborative or acting as a note-taker for students with accommodations. Otherwise, electronic sharing of files (including but not limited to lab reports, assignments, exam questions) is not permitted.
- You cannot post or share assessment questions or answers anywhere. Doing so is considered aiding and abetting and a *breach of academic honesty.*
- Use of services (including but not limited to essay writing/editing or file-sharing websites, private tutoring companies or private services) that complete your assignments for you or provide "model answers" is strictly forbidden. Some private tutoring companies claim an affiliation with York University, but this is not true and York University takes any resulting breaches of copyright and/or academic honesty very seriously with serious consequences for the involved individuals see the official York University statement

by the Provost and Vice-President Academic.

- Your work must be your own: Lab reports, and answers to assessment questions MUST be in your own words; you cannot copy anything from anyone else, nor from the internet, textbooks, or course slides. Copying a sentence, paragraph or more and then just changing some of the words is still considered plagiarism! Go to the Spark Academic Integrity site if you need additional guidance.
- If you have discussed assessment questions with other people from the course (e.g., in your study group) you
  <u>MUST</u> note their names in your submission as a collaborator (but remember not to copy from each other).

# COPYRIGHT AND INTELLECTUAL PROPERTY:

- Images and material presented throughout the course are subject to Canadian copyright law.
- Lectures and other course materials are designed for use as part of this course at York University only and are the intellectual property of the instructor. They cannot be distributed without explicit written permission. ALL course materials are copyrighted. This includes but is not limited to slides, videos and lecture recordings, recordings of synchronous class or lab sessions, assignment or lab instructions, quizzes, questions of the week, integrative questions, in-class activities etc. You do NOT have the right to post these anywhere or share them with anyone outside of this course. Please remember to also be respectful of the privacy of each other, the TAs, and instructor by not sharing any conversations, recordings etc. outside of this course. Third party copyrighted materials (such as book chapters, journal articles, music, videos, photos) have either been licensed for use in this course, fall under an exception or limitation in Canadian Copyright law, or permission has been obtained from the copyright holder.
- Copying this material for distribution (e.g. uploading material to a commercial third-party website) may lead to a charge of misconduct under <u>York's Code of Student Rights and Responsibilities</u> and the <u>Senate Policy on</u> <u>Academic Honesty</u> and/or legal consequences for violation of copyright law if copyright law has been violated.

# MISSED ASSESSMENTS OR OTHER COURSE WORK:

- In designing this course, a lot of flexibility is incorporated to accommodate a multitude of circumstances (including illness, accidentally missing a deadline, technical difficulties, other obligations) and give everyone a chance to complete this course successfully. As such, no additional exceptions (including for illness) will be provided. If you feel that there are extenuating circumstances in your case (e.g., you were ill for an exceptionally long time), please contact your course instructor as soon as possible, and at least within 24 hours of an upcoming deadline.
- **Deadlines for lab submissions are final** (remember these already incorporate a grace period, you are supposed to submit your labs by the initial deadline listed in the lab schedule on eClass). Please note that the **deadline listed on the SimUText application is likely the final deadline!**
- If you miss the FINAL ASSESSMENT you must email your course instructor within one week of the date of the final assessment with a completed DSA attached, and <u>petition</u> your home faculty for <u>deferred standing</u>. It is the Petition Committee's decision whether deferred standing is granted; if it is, the committee will set the deadline for writing the deferred exam. Denied petitions will result in a zero on this assessment.
  - The format of the make-up assignment can differ from the original final assessment format

# **ACCOMMODATIONS:**

- This course is designed according to universal design for learning principles that address many accommodations (providing lots of time to complete assessments and grace days). Quizzes can be completed at any point during the multiple day period during which they are open, but do have a time-limit once started. In keeping with universal design principles, the time limit for quizzes already includes at minimum an additional 100% of time on top of the longest time normally needed to complete these. Therefore, the amount of time provided allows for self-accommodation and no other accommodation is normally required.
- Although this course is designed such that accommodations for extra time are already taken into account, you may have accommodations other than this. Please submit your CDS Accommodation letters by Sept 20, 2021. Please put "Accommodations" in the subject line.
- Please make your course instructor (and Lab Coordinator if labs are affected) aware of any <u>religious</u> <u>observance conflicts</u> at least three weeks in advance of the conflict.

- If you feel that there are extenuating circumstances that may interfere with your ability to successfully complete the course requirements, I encourage you to discuss the matter with me <u>as soon as possible</u>.
- <u>Please note:</u> "Senate policy states that students are expected to monitor their progress in courses, taking into account their personal and academic circumstances, and to make the necessary adjustments to their workload to meet the requirements and deadlines." (from Senate Policy of Students' Responsibilities in the Petition/Appeal Processes).
- Students who require reasonable accommodations in resources or evaluation methods are encouraged to consult with the <u>Student Accessibility Services</u> and arrange for appropriate accommodations early in the term.

# PRE-SYNCHRONOUS SESSION QUIZZES:

- As answers are made available after the deadline, late quizzes cannot be accepted.
- In addition to two attempts at each quiz, the best 10 of 11 quizzes will be counted towards your final grade. Thus, additional accommodation will not be considered. Students encountering longer-term medical issues should contact their instructor as soon as possible.

# **REGRADING/MARK CALCULATION ERRORS and GRACE DAYS:**

- To be fair to the entire class, individual grades and grading schemes are not negotiable and **individual "extra credit" assignments are not provided at any point during or after the course.** Please only contact your course instructor about a grade if there is a clear error (calculation, clerical, etc.) within two weeks of the grade being made available.
- If you think an assignment was marked incorrectly, you must submit to your course instructor a written statement detailing your rationale (based on academic grounds\*), using the appropriate form posted on eClass no sooner than 2 days and no later than one week after receiving your mark for the assessment. Emails without the proper form or requests that are not based on academic grounds\*, or early/late requests will not receive a response. NOTE: re-marking can result in the mark being raised, confirmed, or lowered, and marking rubrics are not negotiable.
- I understand that these are unprecedented and, in many ways, unpredictable times that call for some flexibility. I am therefore offering a maximum of three (3) grace days each for up to three (3) separate questions of the week or activities (you cannot use them for the final assessment due to university regulations). The following rules apply:
  - You cannot use these for labs (labs already have a grace period for each lab). Lab submissions will not be accepted after the final deadline has passed.
  - You can only use them for the QOWs or activities during the term (i.e., you can't use them for quizzes; quizzes must always be submitted on time)
  - Grace days will automatically be applied; please do not email to ask permission to use them.
  - It is your responsibility to keep track of how many Questions of the Week or activities you've used grace days for.
  - 3 days = 3 calendar days: if you submit e.g., 1 hour late, it still counts as 1 day; each day in a weekend counts as well.
  - Once you have used grace days for 3 QOWs/activities, any additional late submissions will receive zero
  - Any QOW/activity submissions received beyond 3 days past the deadline will automatically receive zero

# ONLINE NETIQUETTE AND CODE OF CONDUCT:

- I encourage you to participate actively in the course and engage with your peers, your course instructor, and your TAs in various ways throughout the course, e.g., in synchronous sessions, in the online eClass discussion forums. I expect you to keep your discussions polite and respectful. Please follow the rules:
  - Please be respectful and professional. Posts containing personal insults/attacks/intimidation/inappropriate language/profanity will be removed and reported. Everyone has
  - a right to be in this course, to feel welcome, and to be treated with respect.
     Please post only material relevant to BIOL1001. Exceptions apply to forums specifically dedicated to socializing.
  - Be kind, even if someone has made a mistake. If you want to give feedback on someone's answer to a practice question, do so sympathetically and constructively.
  - While it is appropriate to engage in debate/discourse on biological topics, such discussions should be respectful, and evidence based. Evidence should be from trusted sources—consult with the library or with your instructor if you are not sure (See: <u>http://www.yorku.ca/webclass/module4a.html</u>).

- Any posts that appear to violate our code of conduct may be edited, hidden, or deleted at the discretion of instructors/moderators. If posts appear to violate academic honesty policy or the York University Student Code of Conduct (<u>http://www.yorku.ca/oscr/codeofrr.html</u>) further action will be taken.
- o If you notice any inappropriate threads/posts please contact your instructor as soon as possible.
- You cannot share any materials from the course outside the course without explicit, written permission, this includes posts or other work by your peers.

Disclaimer: While I will attempt to remove objectionable/inappropriate material as soon as it comes to my attention, I may not be able to review every post in a timely manner. Forum posts express the views and opinions of the post's author and not the moderators/instructors (except for posts by these people) and they cannot be held liable.

### LAB POLICIES & FORMAT:

- Students must follow lab policies outlined in the BIOL 1001 Lab eClass site and those discussed above.
- Check the lab schedule on the BIOL 1001 Lab eClass site for deadlines (use the lab schedule to check the deadlines, not the SimUText site). Start your labs early to ensure you can get help if needed.
- Most labs are asynchronous (TAs will be available for help during certain times), there will be one synchronous lab.

### TURNITIN.COM:

In this course, you will be asked to submit electronic copies of some assessments to Turnitin.com. This will
ensure that your hard work, once added to the database, cannot be plagiarized in the future by students at
any university.

# SYNCHRONOUS LECTURE SESSIONS WILL NORMALLY BE RECORDED:

• Each instructor will attempt to record most synchronous sessions, but please be aware that technical issues do arise, and that recordings are not posted immediately following the synchronous session. These recordings are allowed ONLY as a personal study aid and are NOT allowed to be sold, shared, or posted elsewhere online. Lectures are the intellectual property of the professor & cannot be distributed without permission.

### STATEMENT ON EQUITY, DIVERSITY, & INCLUSION:

I acknowledge that people of colour (particularly Black and Indigenous people) and people of other marginalized identities face a disproportionate number of barriers in society, including in equitable education. I am committed to presenting course materials that are respectful of and sensitive to the diversity of identities and experiences represented in our community as well as to creating a classroom community that is respectful, equitable, and inclusive. When we can all feel safe and respected in a classroom environment, our diversity of perspectives will enrich the learning experience for everyone. In order to achieve this goal, I would like to hear from you about your experience in this course. An anonymous form will be open all semester to give you the opportunity to provide feedback about your experience in the course or suggestions for ways to make the course more inclusive. If there is anything I can change or implement that will improve your experience, please don't hesitate to let me know. I am also happy to schedule one-on-one meetings to discuss this further.

Part of the aim of this course is to generate productive discussions about evolution and other topics of interest. As such, I expect everyone to show respect for the different backgrounds, experiences, beliefs, and values expressed by any member of this class. There will be no tolerance for behaviour or speech that violates the Student Code of Conduct (<u>https://oscr.students.yorku.ca/csrr</u>). Find out more about York University's commitment to Human Rights, Equity and Inclusion at <u>https://rights.info.yorku.ca/</u>.

### STUDENT CODE OF CONDUCT RULES FOR ZOOM: ZERO TOLERANCE POLICY FOR ONLINE VERBAL ABUSE OR HARASSMENT

All students at York are governed by York's Code of Student Rights and Responsibilities (<u>https://oscr.students.yorku.ca/student-conduct</u>). This code allows all students the <u>right</u> to pursue all academic activities without "harassment, intimidation, discrimination (or) disruption."

In addition, students also have the <u>responsibility</u> to obey all public laws and cannot disrupt or interfere with the academic activity of others. This includes this Zoom class and all other online forums for this course. Students who engage in any type of online abuse (e.g., threats, harassment, inappropriate behaviours, and racist and/or sexist language) against their instructor and/or other students may be subject to punishment under York's Code of Conduct, the rules of the appropriate Department/Faculty, Ontario Laws and/or the Canadian Human Rights Code as required.

Please note that it does not matter if you drop a class after engaging in inappropriate behavior. All incidents will be investigated regardless of student standing in a course.

\*"Academic grounds" means you make an academic argument for why your answer is correct – statements such as "this grade does not reflect my knowledge" or "I really studied hard and I deserve a better grade" are not academic grounds.

# **University Policies**

### **Academic Honesty and Integrity**

York students are required to maintain the highest standards of academic honesty and they are subject to the <u>Senate Policy on Academic Honesty</u>. The Policy affirms the responsibility of faculty members to foster acceptable standards of academic conduct and of the student to abide by such standards. There is also an academic integrity website with comprehensive information about academic honesty and how to find resources at York to help improve students' research and writing skills, and cope with University life. Students are expected to review the materials on the <u>Academic Integrity website</u>.

*Important* note from the Faculty of Science Committee on Examinations and Academic Standards: Numerous students in Faculty of Science courses have been charged with academic misconduct when materials they uploaded to third party repository sites (*e.g.*, Course Hero, One Class) were taken and used by unknown students in later offerings of the course. The Faculty's Committee on Examinations and Academic Standards (CEAS) found in these cases that the burden of proof in a charge of aiding and abetting had been met, since the uploading students had been found in all cases to be willfully blind to the reasonable likelihood of supporting plagiarism in this manner. Accordingly, to avoid this risk, students are urged not to upload their work to these sites. Whenever a student submits work obtained through Course Hero or One Class, the submitting student will be charged with plagiarism and the **uploading student will be charged with aiding and abetting**.

Note also that exams, tests, and other assignments are the copyrighted works of the professor assigning them, whether copyright is overtly claimed or not (i.e., whether the © is used or not). Scanning these documents constitutes copying, which is a breach of Canadian copyright law, and the breach is aggravated when scans are shared or uploaded to third party repository sites.

### Access/Disability

York University is committed to principles of respect, inclusion, and equality of all persons with disabilities across campus. The University provides services for students with disabilities (including physical, medical, learning, and psychiatric disabilities) needing accommodation related to teaching and evaluation methods/materials. These services are made available to students in all Faculties and programs at York University.

Students in need of these services are asked to register with disability services as early as possible to ensure that appropriate academic accommodation can be provided with advance notice. You are encouraged to schedule a time early in the term to meet with each professor to discuss your accommodation needs. Please note that registering with disabilities services and discussing your needs with your professors is necessary to avoid any impediment to receiving the necessary academic accommodations to meet your needs.

Additional information is available at the following websites:

Student Counselling and Development Counselling (Glendon) York Accessibility Hub

Ethics Review Process York students are subject to the York University Policy for the Ethics Review Process for Research Involving *Human Participants.* In particular, students proposing to undertake research involving human participants (e.g., interviewing the director of a company or government agency, having students complete a questionnaire) are required to submit an *Application for Ethical Approval of Research Involving Human Participants* at least one month before you plan to begin the research. If you are in doubt as to whether this requirement applies to you, contact your Course Director immediately.

### **Religious Observance Accommodation**

York University is committed to respecting the religious beliefs and practices of all members of the community, and making accommodations for observances of special significance to adherents. Should any of the dates specified in this syllabus for an in-class test or examination pose such a conflict for you, contact the Course Director within the first three weeks of class. Similarly, should an assignment to be completed in a lab, practicum placement, workshop, etc., scheduled later in the term pose such a conflict, contact the Course director immediately. Please note that to arrange an alternative date or time for an examination scheduled in the formal examination periods (December and April/May), students must complete an <u>Examination Accommodation Form</u>, which can be obtained from Student Client Services, Student Services Centre.

### **Student Conduct in Academic Situations**

Students and instructors are expected to maintain a professional relationship characterized by courtesy and mutual respect. Moreover, it is the responsibility of the instructor to maintain an appropriate academic atmosphere in the classroom and other academic settings, and the responsibility of the student to cooperate in that endeavour. Further, the instructor is the best person to decide, in the first instance, whether such an atmosphere is present in the class. Click here for the policy and procedures governing disruptive and/or harassing behaviour by students in academic situations.

### Acknowledgements

This course outline was adapted from material provided by Dr. Birgit Schwarz, Dr. Mark Vicari, Dr. Tamara Kelly, and the Department of Biology at York University.