FACULTY OF HEALTH KINESIOLOGY AND HEALTH SCIENCE

HH/KINE 2011 3.00 Human Physiology I A and B FALL 2023

COURSE OUTLINE

This document has 16 pages. It is your responsibility to read it entirely

Students will complete an <u>ONLINE eClass QUIZ</u> (4% of your FINAL grade) that tests their understanding of the course outline.

The Quiz will be open on eClass on **September 11 at 3pm)** and will remain open **until October 2 at 3pm**.

It is **your responsibility** to complete this quiz within this timeframe window. Do not wait for the last minute, **there will be no extension**.

COURSE DESCRIPTION

The focus of this course is on basic principles of physiology from the sub-cellular to cellular components including their functions and their mechanisms of function.

KINE 2011 provides students with a sound basis for understanding the cellular basis of human physiology. KINE 2011 provides the background necessary for understanding the complexity of human health and disease covered in subsequent courses. KINE 2011 covers the following subject matter in depth: Cell physiology, plasma membrane potentials, muscle physiology, neuronal pathways, blood and its components.

Prerequisite / Co-requisite

Honours Standing must be met. This course is designed for students who have taken physiology-related courses in the past. Students without a physiology background may find this course more challenging.

Term: Fall 2023

COURSE LEARNING OBJECTIVES

- 1) Brief statement of the purpose: To understand how the human body works.
- 2) Brief list of specific learning objectives of the course:

Graduates will demonstrate an understanding of the research on the human body influencing human health and performance. The students will be able to transfer the knowledge gained to other Health Science areas, and to communicate their knowledge orally and in writing with both professionals or lay people. The skills acquired include the ability to apply high school arithmetic to understand human physiology concepts and the ability to read and understand complex concepts in the working of the human body. Students should develop the habits of reading ahead before lecture, time management, and self-study. This knowledge and study methods will transfer to any course at University and in life.

Specifically, the students will be able to use their knowledge and skills to advocate for the fundamentals of human health, from general to specific situations. They will use appropriate academic terminology and notation when preparing and presenting information. They will understand and appreciate the dynamic and uncertain nature of information in the discipline and will develop strategies to maintain or enhance their knowledge in the KAHS field.

COURSE DIRECTORS

Dr. Christopher Perry

Dr. Ali Abdul-Sater

Dr. Michael Paris

INSTRUCTORS

Dr. Ali Abdul-Sater

Dr. Christopher Perry

addresses will not receive a reply.

Dr. Michael Paris

Contact:

Do NOT email professor directly on their personal YorkU email addresses.

Email kine2011@yorku.ca and clearly indicate in your message your <u>last name</u>, <u>first name</u>, <u>student</u> <u>number</u>, and your <u>section</u> (A or B) as well as who your email is directed to (Dr. Perry, the TA team).

Any message not respecting this format or directly sent to the professor's personal email

COURSE MODULES

Human Physiology KINE 2011 is divided into 4 modules:

Module #1 - Cell physiology includes basic cell structure, cell organelles, basic metabolism, cytoskeleton elements, cell adhesion, membrane transport systems. **INSTRUCTOR: DR. ABDUL-SATER**

Module #2 - Blood and the immune system includes blood component structure and function as well as an overview of the immune system organization and function. **INSTRUCTOR: DR. ABDUL-SATER**

Module #3 - Intercellular communication - Focus on neural communication, and Peripheral nervous system - Focus on the somatic system. The nervous system and neuromuscular junction includes equilibrium potentials, graded potentials, action potentials, electrical conduction, neurotransmitters, neuromodulators, neuropeptides, chemical and electrical synapses, inhibitory and excitatory synapses, synaptic integration, presynaptic inhibition and facilitation, nervous system organization, autonomic nervous system, parasympathetic and sympathetic neural pathways, somatic neural pathway, adrenal medulla, adrenergic receptors and neuromuscular junction structure and function. INSTRUCTOR: DR. PARIS

Module #4 - Muscle physiology includes muscle structure, excitation-contraction coupling, sarcomere structure, sliding filament mechanisms. **INSTRUCTOR: DR. PERRY**

COURSE FORMAT

Lectures:

There are **three** (50 minute) lectures a week; there are no required laboratories. It is expected that each student will review the material to be presented in the class *before class*.

MWF 8:30-9:20 am Section A in CLH I MWF 9:30-10:20 am Section B in CLH I

Note: Students must attend the section you are registered in (A or B). If <u>fire code violations</u> occur (too many students in the room, students sitting in the stairway) class will be <u>cancelled</u> and <u>students will be responsible</u> for covering that day's course material that will be considered as part of tested exam material.

MATERIAL AND RESOURCES

- Video recordings of each lecture will be available on eClass under 'Lecture Recordings' through Panopto. NOTE: This is not an online course. The recordings are provided for students to experience the lesson in-person and at home for review if required. Note that there is no mandatory requirement for instructors to provide audio-recordings for each lecture. Recordings CANNOT be uploaded to public websites or otherwise shared publicly.
- Slides are posted as PDF files on eClass.
- <u>Textbook</u>: Human Physiology: From Cells to Systems. 5th Canadian Edition. Authors: Sherwood, Kelly and Wards. Publisher: Cengage. The text is available to order online from the bookstore. A less expensive eBook option is also available. Details on how to access the eBook will be provided by the bookstore and by an announcement on eClass.
- <u>Tutorials</u> (TA sessions; <u>VIRTUAL</u>): Tutorial hour sessions are <u>optional but highly recommended</u>. The students should prepare questions in advance with respect to concepts that require further explanation. Weekly VIRTUAL TA sessions dates will be announced by the 2nd week of the course. TA support is also available by email (Email to <u>kine2011@yorku.ca</u>). eClass will have links to the TA support chat sessions. Students must use the 'raise hand' feature under 'participants' in Zoom to ask a question. The help sessions will not be available on certain dates after each exam in order to allow students the opportunity to view their exams in person with TAs present. These dates will be announced by eClass and in lecture in advance. Also, TA help sessions will not be held on days of the exam nor the days after an exam and before the next lecture that follows an exam.

NOTE: TAs will not answer questions about exams during the regular TA sessions. Questions regarding exams will only be addressed during the dedicated exam review sessions.

- **PASS and KHASSO:** If available, these programs are <u>NOT</u> under professors' supervision and responsibility. Any outdated material or outdated mock evaluation format from PASS/KAHSSO is **NOT** under the professors' supervision and responsibility.

COURSE EVALUATION

Students are expected to complete all tests.

Note: the material tested at the exam includes <u>all information covered in class</u> including <u>additional slides</u> and verbal information. ALL EXAMS WILL BE ADMINISTERED IN PERSON IN THE SAME ROOM USED FOR THE LECTURES.

FINAL GRADE BREAKDOWN:

* Online Quiz about the Course Outline	4%
* Exam 1	29%
* Exam 2	19%
* Exam 3	29%
* Exam 4	19%

All exams are provided in class. There is no final exam.

COURSE OUTLINE QUIZ (4% of the TOTAL GRADE)

- Opens online on eClass from Sept. 11 at 3pm until Oct. 2 at 3pm. No extension.
- The first **completed** attempt will be marked.
- Duration to complete the Quiz: no time limit.
- Format: Multiple Choice questions (15 questions).
- Grades: Uploaded into Grade Book on eClass within 1 week of completing the exam.
- Exam viewing: No.

EXAMS 1-4: All exams will be 35 minutes in length and administered in class on the dates listed below. Each exam will be comprised of 35 multiple choice questions. Grades will be uploaded into the Grade Book on eClass within 1 week of completing unless there are delays at the Scantron facility on campus. **Exam viewing sessions** (Dates to be determined) will be held <u>in-person</u> (location to be determined) for each exam during the regular TA sessions. There will be no other sessions available for viewing this exam. **Exam viewing sessions cannot be used to view any prior exam other than the most recent exam**.

Exam 1 (29% OF THE TOTAL GRADE): Wednesday September 27

- Covers **Module #1**, September 6 to September 25. (see calendar at the end of this document).
- <u>Exam viewing dates</u>: **Exam viewing sessions** (<u>Dates TBD</u>) will be held during the regular TA sessions.

Exam 2 (19% OF THE TOTAL GRADE): Friday October 20

- Covers **Module #2**. September 29 to October 18. (see calendar at the end of this document).
- <u>Exam viewing dates</u>: **Exam viewing sessions** (<u>Dates TBD</u>) will be held during the regular TA sessions.

Exam 3 (29% OF THE TOTAL GRADE): Wednesday November 15

- Covers **Module #3**, October 23 to November 13. (see calendar at the end of this document).
- <u>Exam viewing dates</u>: **Exam viewing sessions** (<u>Dates TBD</u>) will be held during the regular TA sessions.

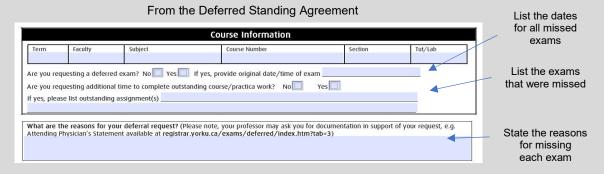
Exam 4 (19% OF THE TOTAL GRADE): Friday December 1

- Covers **Module #4**, November 17 to November 29. (see calendar at the end of this document).
- Exam viewing dates: Exam viewing sessions (Dates TBD) will be held during the regular TA sessions.

Policy on missed exams

- If <u>only one</u> of Exams 1 OR 2 OR 3 are missed: No attending physician statement or email to kine2011@yorku.ca are required. <u>You will automatically be permitted to write the missed exam on Monday December 4th</u> ('make-up exam'; see calendar below). No exceptions.
- If the <u>Exam 4</u> is missed but exams 1, 2 AND 3 were written (if Exam 4 is the only exam that is missed):

 A 'deferred exam 4' will be written in January that is similar in style and length to the original Exam 4. A Deferred Standing Agreement form <u>must be filled out</u> in Adobe Acrobat by clicking 'tools' and inserting a text box. Alternatively, the form can be printed, completed, scanned or photographed. The form must be emailed to kine2011@yorku.ca and can be found here: https://registrar.yorku.ca/pdf/deferred standing agreement.pdf. The duration of this deferred final exam will be similar to the original Exam 4. The date of the deferred exam in January will be announced near the end of the course and will be fixed. There will be no alternative dates. Students are expected to make arrangements with other classes and commitments to write this exam. If the deferred exam is missed, a grade of 0% will be assigned. The DSA must be submitted to the course email within 72 hours of missing an exam.
- If 2 or more exams are missed (any of the exams). Students will write a 'deferred cumulative exam' in January worth the equivalent of the missing exam grades. They will not write a deferred exam on Monday December 4th. As such, the grade on this exam will be assigned to the missing tests. A Deferred Standing Agreement must be completed as outlined above but will list all exams that were missed as shown below and submitted to the course email within 72 hours after the 2nd missed exam.



The style of this exam will be a mix of questions similar in style to ALL EXAMS, regardless of which exams were missed by the student, and will be longer in duration. This exam will test the material from ALL 4 exams regardless of which exams were missed by the student. The date of the deferred combination exam in January will be announced near the end of the course. This date will be fixed. There will be no alternative dates. Students are expected to make arrangements with other classes and commitments to write the deferred exam. If the deferred combination exam is missed, a grade of 0% will be assigned. The deferred combination exam will have 140 questions to be equivalent to the total of Exams 1-4 (4x35 questions). The total time will be equivalent to the 4 prior exams with 10

additional minutes (4x35 + 10 minutes = 2.5 hours).

NOTE: The deferred options should not be freely chosen as an alternative to any exam. A deferred exam will inherently contain more information than other tests. As such, the questions on deferred exams will be a mixture of memorization, application and higher-level order.

IMPORTANT INFORMATION REGARDING IN-CLASS TESTS:

(1) You must bring at the exam:

- * a good pencil,
- * a good eraser,
- * a valid YORK STUDENT ID THAT HAS NOT EXPIRED
- * No calculator, no smartphone, no smartwatch

(2) Exam time and location

Students will write the exam in the same room as the lecture hall (ACE 102). Students **MUST** attend the section that they are enrolled in (Section A 8:30am, Section B 930am).

- * Showing up at the incorrect time (not the section you are enrolled in) will result in the <u>inability to write</u> the test. In that case the student will receive 0% at the test (this is clearly explained in the present document and in class, so no exceptions will be made).
- * Students must bring their ID. If there is no ID, students will not be permitted to write the exam.

(3) Exam format:

All exams will be 35 minutes in length and administered in class on the dates listed below. Each exam will be comprised of 35 multiple choice questions.

(4) Labelling of examination documents

You will receive two documents:

- * **Exam Booklet -** This is the document containing all questions.
- * Scantron

You must "bubble" your student ID correctly on the Scantron. This is very important!! Not doing it might result in the inability of the scantron machine to automatically identify your scantron. As a result, your grade will not be automatically reported to your Moodle grade book. You will have to come to the exam viewing session to manually retrieve your scantron (among 1,000 ones) so it can be marked manually. Not bubbling your student ID will result in a 5% penalty on the test.

You must clearly indicate on BOTH documents:

- * Last name, First name
- * Student ID
- * Section (A or B) and Version of the test (indicated on the first page of the booklet)

Not filling fully and properly these two documents will result in 5% penalty on the test.

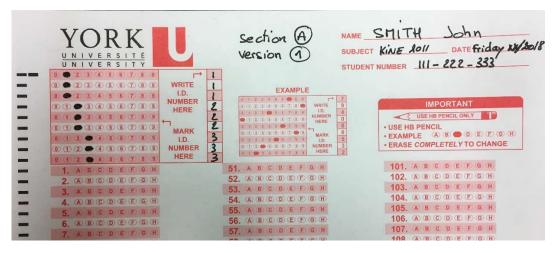
IMPORTANT - You must give back BOTH documents (not only the scantron). Keeping the exam

booklet results in 0% and will be considered as a breach of academic honesty. How to properly label your exam documents:

BOOKLET

	CCHOOL OF KINESIOLOGY AND HEALTH SCIENCE
	KINE 2011 - HUMAN PHYSIOLOGY
	Instructor: Dr. Christopher Perry
	EXAM 1
	(29% of total grade)
	VERSION #1
	Wednesday, November XX, XXXX
	Duration: 35 minutes - 35 questions
	IMPORTANT
	he blank lines at the bottom of this page. will result in 5% penalty (no exceptions)
	SCANTRON, <u>BUBBLE YOUR STUDENT NUMBER</u> and <u>WRITE EXAM</u> NUMBER and SECTION (A or B). (Not doing this will result in 5% penalty)
(3) MAKE SUR OF EXAM.	E YOU GIVE BACK BOTH SCANTRON AND THIS BOOKLET AT THE END
Not doing this	will result in 0% at the test.
LAST NAME	:
FIRST NAME	E:
	UMBER:
SECTION (W	/rite A or B):

SCANTRON



FREQUENTLY ASKED QUESTIONS

1. I did not complete the Online Quiz about the Course Outline (4%) within the original time period. What's next?

It is the student's responsibility to complete the Quiz during the ~3 weeks that are available. There is no accommodation. The grade is 0%.

2. I missed one or more exams. What's next?

This procedure is outlined above on page 7. No exceptions will be made to the policies.

3. I missed only one test. I was supposed to write the make up exam on December 04 but I could not be present again. What's next?

That is considered as missing two tests. You will have to write the **cumulative deferred exam** in January 2024.

Note that the scheduling of a deferred exam has priority on regular classes. You cannot miss the deferred exam because a schedule conflict. This would not be an acceptable excuse and would result in 0% at the test.

4. I have to write the cumulative deferred exam in January but I cannot be present on that day. What's next?

There is no deferred-deferred exam. A grade of 0% will be assigned.

5. TEXTBOOK - Can I use any other textbook or should I buy the 5th Edition? Can I use an older edition?

Our lectures are based on the textbook referenced in the course outline (5th Edition). An eBook version will also be available (see details at the bookstore). However, you can use any other edition, but it is your responsibility to ensure that you have all the material covered in class.

6. RELIGIOUS ACCOMMODATION: I observe a day of religious significance that is not listed in the University's Commonly Observed Dates of Religious Significance (https://registrar.yorku.ca/enrol/dates/religious-accommodation-resource-2023-2024) but occurs on an exam date. What do I do?

All attempts were made to avoid scheduling exams on religious observance dates stated by the University Registrar. However, as per Senate policy, any other religious accommodations must

be arranged <u>at least 2 weeks</u> prior to the midterm or exam period (University policy: https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/wa/regobs). Rescheduling the exam will follow the policy outlined in page 7. Specifically, if an exam is missed due to religious observances, and if this exam is the only exam that was missed out of all 4 exams, then the exam will be rescheduled to the December 5th deferred exam date. If the missed exam is in addition to 1 or more other missed exams, then a cumulative exam will be written in January.

7. IN-CLASS EXAMS - I don't have any ID. What will happen?

You must inform a TA or the course instructors BEFORE you begin writing the test. You will be asked to write down your <u>last name and first name</u>, and you will be asked if you accept to be <u>photographed</u>. You will have to bring your student ID to the professor at the next class, he will verify your ID. After verification, the photograph will be deleted.

"I do not want to be photographed"... We respect students' privacy and it is their right not to be photographed. In that case, they will be asked to leave the room and the exam will be considered as 'missed' (see page 7 for details). It is the student's responsibility to be on time at the correct location with student ID.

8. BAD WEATHER, BAD TRANSIT/ROAD TRAFFIC, AND RELIGIOUS ACCOMMODATION

Missing an evaluation due to **weather conditions** will be excused **ONLY** if the University closes/cancels classes. In all other cases, <u>it is YOUR responsibility to get to class on time</u>. Transit and/or traffic issues are never an excuse to miss exams. Plan to be at exams early (University policy).

ACCOMMODATIONS

York senate policy on Academic Accommodation for Students with Disabilities:

http://www.yorku.ca/secretariat/policies/document.php?document=68 "York University shall make reasonable and appropriate accommodations and adaptations in order to promote the ability of students with disabilities to fulfill the academic requirements of their programs"

Students who require accommodations in teaching style or evaluation methods should discuss the matter with **Student Accessibility Services (https://accessibility.students.yorku.ca/)**.

It is the student's responsibility to register with Student Accessibility Services as early as possible to ensure that appropriate academic accommodation can be provided with advance notice. It is also the students' responsibility to email a copy of their SDS letters to kine2011@yorku.ca at least three weeks before the exam. This email should be titled

'Letter - Academic Accommodations'. Failure to make these arrangements will jeopardize your opportunity to receive academic accommodations. Requiring accommodation does not relieve students from following course policies. On the first day of lecture, students with letters of accommodation should check the alt exam website to ensure they follow required timelines for submitting requests for accommodations related to in-person exams. For example, the alt exam facility often requires students to place a request 3 weeks prior to each exam. This means the student should contact the facility very early in the semester for exam 1 in particular.

ACADEMIC HONESTY

York's policy on Academic Honesty can be found here: http://www.yorku.ca/secretariat/policies/document.php?document=69

Note: If students gain unpermitted access to, use, facilitate access to, distribute or make any attempt to attain previous midterms and exams this constitutes a breach of academic honesty and will be taken seriously. No previous exams have been officially released. ANY suspected violations of academic honesty will be taken seriously and immediately referred to the Dean's Office.

ADDITIONAL UNIVERSITY POLICIES

All students are expected to familiarize themselves with the following information, available on the Senate Committee on Curriculum & Academic Standards webpage (see Reports, Initiatives, Documents) -

http://www.yorku.ca/univsec/senate/committees/ascp/documents/CourseInformationForStudentsAugust2012.pdf

- Senate Policy on Academic Honesty and the Academic Integrity Website
- Ethics Review Process for research involving human participants
- Course requirement accommodation for students with disabilities, including physical, medical, systemic, learning and psychiatric disabilities.
- Student Conduct Standards
- Religious Observance Accommodation (Also, see FAQ on page 9)

Students are also expected to familiarize themselves with the Statement of Policy on Free Speech and the Disruptive and/or Harassing Behaviour in Academic Situations Policy. Key components of this policy are noted below:

From the Statement of Policy on Free Speech:

'York University reaffirms its commitment to provide an environment conducive to freedom of enquiry and expression where all members of the community may learn, teach, work and live, free from prejudice, inequality and discrimination based on race, ancestry, place of origin, colour, ethnic origin, citizenship, creed, religion, sex, sexual orientation, gender identity, gender expression, age, marital status, family status or disability.'

From the Disruptive and/or Harassing Behaviour in Academic Situations Policy:

'York is committed to policies that support the teaching and learning of controversial subject matter. Students and instructors are, however, expected to maintain a teaching and learning environment that is physically safe and conducive to effective teaching and learning for all concerned, and to be civil and respectful at all times within the learning environment, including within classrooms, laboratories, libraries, study halls and other places where academic activities are conducted and in areas proximate to those where academic activities are taking place.'

It is the student's responsibility to familiarize their self with all York Senate Policies.

COURSE COMMUNICATION POLICIES

eClass will be used to communicate information to the class. Students should check eClass often.

Email: the course email address is <u>kine2011@yorku.ca</u>; your professors and TAs will regularly check this email address when the course is running.

Expect an average response time of 48-72 hours. Email will not routinely be replied to on weekends or holidays.

Please **do not** email the instructor/TAs asking for your grades – they will be posted to eClass as soon as possible.

Please **do not** email the instructor/TAs asking for grade 'bumping' or 'curving'. It is unethical to individually alter a student's grade. All such emails will be ignored.

Please **do** read your syllabus before emailing; many common questions on course policies/administration can be answered by reading the syllabus.

Please **do** treat email as a professional communication; rude emails may not be answered. Harassment is unacceptable and violates numerous student codes of conduct. All instances of harassment will be reported.

ADDITIONAL RESOURCES:

Technology requirements and FAQs for eClass can be found here: http://www.yorku.ca/eClass/students/faq/index.html

Student Guide to eClass: https://lthelp.yorku.ca/student-guide-to-eClass

Student Guide to eLearning at York University: http://elearning-guide.apps01.yorku.ca/

Learning Skills Services: https://lss.info.yorku.ca/online-learning/

Learning Commons: Your York home for study help and workshops,

http://learningcommons.yorku.ca/.

Computing Help: This site has answers to many frequently asked questions, http://student.computing.yorku.ca/. In addition, on the right-hand side you can chat directly with someone at the help desk or submit a ticket for more detailed help if necessary.

Zoom@YorkU User Reference Guide: http://staff.computing.yorku.ca/wp-content/uploads/sites/3/2012/02/Zoom@YorkU-User-Reference-Guide.pdf

Zoom@YorkU Best Practices: https://staff.computing.yorku.ca/wp-content/uploads/sites/3/2020/03/Zoom@YorkU-Best-Practicesv2.pdf

Resources to assist with anxiety and uncertainties:

https://good2talk.ca/ https://counselling.students.yorku.ca/ https://coronavirus.info.yorku.ca/ https://yorkinternational.yorku.ca/

Calumet and Stong Colleges' Student Success Programming:

<u>Calumet</u> and <u>Stong</u> Colleges aim to support the success of Faculty of Health students through a variety of **free programs** throughout their university career:

- <u>Orientation</u> helps new students transition into university, discover campus resources, and establish social and academic networks.
- <u>Peer Mentoring</u> connects well-trained upper-year students with first year and transfer students to help them transition into university.
- <u>Course Representative Program</u> supports the academic success and resourcefulness of students in core program courses through in-class announcements.
- <u>Peer-Assisted Study Sessions (PASS)</u> involve upper-level academically successful and well-trained students who facilitate study sessions in courses that are historically challenging.
- Peer Tutoring offers one-on-one academic support by well-trained Peer Tutors.
- Calumet and Stong Colleges also support students' <u>Health & Wellness</u>, <u>leadership and professional skills development</u>, <u>student/community engagement and wellbeing</u>, <u>Career Exploration</u>, <u>Indigenous Circle</u>, <u>awards and recognition</u>, <u>and provide opportunities to students to work or volunteer</u>.
- For additional resources/information about Calumet and Stong Colleges' Student Success Programs, please consult our websites (<u>Calumet College</u>; <u>Stong College</u>), email <u>scchelp@yorku.ca</u>, and/or follow us on Instagram (<u>Calumet College</u>; <u>Stong College</u>), Facebook (<u>Calumet College</u>; <u>Stong College</u>) and <u>LinkedIn</u>.
- Are you receiving our weekly email (Subject: "Calumet and Stong Colleges Upcoming events")? If not, please check your Inbox and Junk folders, and if it's not there then please contact ccscadmn@yorku.ca, and request to be added to the listserv. Also, make sure to add your 'preferred email' to your Passport York personal profile to make sure you receive important news and information.

Land Acknowledgement:

We recognize that many Indigenous nations have longstanding relationships with the territories upon which York University campuses are located that precede the establishment of York University. York University acknowledges its presence on the traditional territory of many Indigenous Nations. The area known as Tkaronto has been care taken by the Anishinabek Nation, the Haudenosaunee Confederacy, the Huron-Wendat, and the Métis. It is now home to many Indigenous Peoples. We acknowledge the current treaty holders, the Mississaugas of the Credit First Nation.

FALL 2023 - KINE 2011 – CALENDAR		
MONDAY	WEDNESDAY	FRIDAY
-	SEPT 6 Course outline presentation and Module 1 – Lecture 1	SEPT 8 Module 1 – Lecture 2
SEPT 11	SEPT 13	SEPT 15
Module 1 – Lecture 3	Module 1 – Lecture 4	Module 1 – Lecture 5
SEPT 18	SEPT 20	SEPT 22
Module 1 – Lecture 6	Module 1 – Lecture 7	Module 1 – Lecture 8
SEPT 25 Module 1 - Lecture 9	SEPT 27 EXAM 1 29%	SEPT 29 Module 2 – Lecture 10
OCT 2	OCT 4	OCT 6
Module 2 – Lecture 11	Module 2 – Lecture 12	Module 2 – Lecture 13
OCT 9	OCT 11	OCT 13
READING WEEK	READING WEEK	READING WEEK
OCT 16 Module 2 – Lecture 14	OCT 18 Module 2 – Lecture 15	OCT 20 EXAM 2 19%
OCT 23	OCT 25	OCT 27
Module 3 – Lecture 16	Module 3 – Lecture 17	Module 3 – Lecture 18
OCT 30	NOV 1	NOV 3
Module 3 – Lecture 19	Module 3 – Lecture 20	Module 3 – Lecture 21
NOV 6 Module 3 – Lecture 22	NOV 8 Module 3 – Lecture 23 DROP DEADLINE	NOV 10 Module 3 – Lecture 24

NOV 13 BONUS VIRTUAL Q&A for Module 3 with Dr. Paris (no lecture; students can ask any questions for review through a special eClass zoom link during normal class time)	NOV 15 EXAM 3 29%	NOV 17 Module 4 – Lecture 25
NOV 20 Module 4 – Lecture 26	NOV 22 Module 4 – Lecture 27	NOV 24 Module 4 – Lecture 28
NOV 27 Module 4 – Lecture 29	NOV 29 Module 5 – Lecture 30	DEC 1 EXAM 4 19%
DEC 4 IN-CLASS Deferred Exam (Make-up for Exam 1 OR 2 OR 3)	-	-

END