

Acknowledgement of Indigenous Peoples and Traditional Territories: York University recognizes that many Indigenous nations have longstanding relationships with the territories upon which our campuses are located that precede the establishment of York University. We acknowledge our presence on the traditional territories of the Mississaugas of Credit First Nation, the Huron-Wendat, the Haudenosaunee Confederacy and the Métis Nation of Ontario

YORK UNIVERSITY
FACULTY OF HEALTH
SCHOOL OF KINESIOLOGY AND HEALTH SCIENCE
KINE 1101 Applied Anatomy and Physiology I
FALL 2023 COURSE OUTLINE

Course Director:

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Teaching Assistants:

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Expanded Course Description: This 3-credit course introduces students to the foundations of anatomy and physiology, within the context of the health practitioner. This course takes a systemic approach to learning human anatomy and physiology and content includes an overview of the structure, function, and organization of the human body from the cellular level to organ systems, and explores each major organ system, with a focus on maintaining homeostasis and clinical applications. Part I focuses on cellular organization, genetics, embryology, tissues, the skeletal system, the muscular system and the nervous system.

Prerequisite: N/A

Course credit exclusions: HH/KINE 2011 3.0, HH/KINE 2031 3.0, HH/IHST 1001 3.0, SC/ NATS 1650 6.0

Learning Outcomes:

1. Utilize correct anatomical terminology to describe location and names of major structures in the human body.
2. Accurately describe the basic physiological function of major structures in the systems discussed.
3. Explain the contributions of organs and systems to the maintenance of homeostasis.
4. Describe interrelationships among anatomical structures within and between each system discussed.
5. Discuss clinical concepts related to human anatomy and physiology using accurate medical terminology.
6. Relate the knowledge of anatomical structures to normal human activity and functioning.
7. Critically analyze clinical cases related to major structures in each system discussed.

Take Care of Yourself:

We all face stressors and anxiety in our lives, both academic and otherwise. Please be kind and gentle with yourselves and others. There are a number of online free resources available to help support you. If you need help, the following list of websites (this is not an exhaustive list) may be a good place for you to start:

<https://good2talk.ca/>

<https://counselling.students.yorku.ca/>

<https://yorkinternational.yorku.ca/>

Useful links describing computing information, resources and help for students:

<u>Student Guide to eClass</u>	https://lthelp.yorku.ca/student-guide-to-eClass
<u>Computing for Students Website</u>	https://student.computing.yorku.ca/
<u>Student Guide to eLearning at York University</u>	http://elearning-guide.apps01.yorku.ca/
<u>Learning Skills Services</u>	https://www.yorku.ca/scld/learning-skills/
<u>Zoom@YorkU User Reference Guide</u>	http://staff.computing.yorku.ca/wp-content/uploads/sites/3/2012/02/Zoom@YorkU-User-Reference-Guide.pdf
<u>Zoom@YorkU Best Practices</u>	https://staff.computing.yorku.ca/wp-content/uploads/sites/3/2020/03/Zoom@YorkU-Best-Practicesv2.pdf

Students are responsible for being actively involved in the course, and for checking eClass regularly and frequently to ensure you have the latest information about the course. “I did not know because I missed class” or “because I did not check eClass” are not excuses that will be accepted under any circumstances for the course.

Organization of the Course

Lectures:

This course is being offered in a blended format, meaning students will be expected to engage with materials online IN ADDITION to attending face-to-face classes. A schedule of topics will be posted on eClass so that students can ensure they are keeping on top of course work. Students will attend a live class once per week (either Tuesday or Thursday – more information on eClass). Since students will only attend in person lecture once per week, it is expected that they will spend the other class time engaging with the online materials to prepare for the next class. Face-to-face classes will be recorded and posted on eClass for studying purposes.

The midterm test will be held in the scheduled class time slots based on the schedule below. There will be no online exams available.

Course Materials:

Required Textbook: Fundamentals of Anatomy and Physiology: For Nursing and Healthcare Students, 3rd Edition by Ian Peate and Suzanne Evans, Wiley-Blackwell, 2020.

Required Resources: Primal Pictures by Anatomy.TV (available free to students through the York Library website).

Technical requirements for taking the course:

Two platforms will be used, (i.e., eClass and Zoom), through which students will interact with the course materials, the course directors, Teaching Assistants, as well as with one another. The eClass course website will host:

- Course outline
- Slides from the lectures that are usually available at least one day before the lecture
- All other material for the course (links to readings, multimedia)
- All announcements about the course

Communication: Several modes of communication with the instructor, teaching assistants and other students have been set up to maximize communication and a sense of community.

Communicating with Instructors: The instructor can be contact directly through the course email: msrem@yorku.ca. If you have questions related to course content, or general course questions please post them in the discussion forums on eClass.

Communicating with your lab TA: To contact your TA, you can either post in the Laboratory Discussion Forum on eClass, or email your TA directly and include your name and your lab number so we can forward your email to the appropriate TA.

Communicating with other students: You are highly encouraged to communicate with your fellow students through the discussion forums on eClass. You are welcome to post course-related questions, as well as study tips or helpful websites/apps.

Lectures, meetings, and correspondence (including emails and eClass posts) are protected under Copyright. Any sharing or distribution of these materials can result in academic penalties.

Lecture Schedule:

It is the expectation that all students who enroll in this course are available at lectures times (for tests) as well as their lab time. Having a conflict with another course is NOT a reasonable excuse for missing a course component.

<u>Week</u>	<u>Topic</u>
1 (Sept. 7)	Basic Scientific Principles of Physiology & Orientation to the Human Body Chapter 1
2 (Sept. 12, 14)	Chemistry Chapter 2 <i>Reflection 1</i>
3 (Sept. 19, 21)	Cells and Genetics Chapter 3
4 (Sept. 26, 28)	Tissues Chapter 4
5 (Oct. 3, 5)	Tissues *Online Lecture Posting* Chapter 4 <i>Assignment 1</i>
6 (Oct. 7-13)	NO CLASSES – READING WEEK
7 (Oct. 17, 19)	Midterm in Class Tuesday October 17th <i>Reflection 2</i>
8 (Oct. 24, 26)	Skeletal System *Online Lecture Posting* Chapter 7 <i>Deferred Midterm</i>
9 (Oct. 31, Nov. 2)	Skeletal System Chapter 7 <i>Assignment 2</i>
10 (Nov. 7, 9)	Muscular System Chapter 6

11 (Nov. 14, 16)	Muscular System Chapter 6
12 (Nov. 21, 23)	Muscular System Chapter 6 <i>Assignment 3</i>
13 (Nov. 28, 30)	Nervous System Chapter 14 <i>Reflection 3</i>
14 (Dec. 5)	Nervous System Chapter 14

**Midterm will begin at 2:35 (14:35) in class.*

***Deferred Midterm will be held on Oct. 24, 2023, during regular class times. The Deferred test for the Final Exam will be held in early January 2024.*

Note: The tests are not cumulative, however much of the material will build on previously learned material therefore you will need to apply concepts from earlier in the semester to later tests.

^The last date to drop a course without receiving a grade is Wednesday November 8, 2023.

Policies

Mark Breakdown:

Quizzes (3) * 5% each	15%
Reflections (3) * 5% each	15%
Assignments (3) * 7% each	21%
Midterm	24%
Final Exam	25%

Grading:

Any appeal for grade revision, (a) must be received by the instructor WITHIN 7 CALENDAR DAYS of the date of the exam viewing, (b) must be MADE IN WRITING, and (c) must EXPLICITLY STATE why the student believes the grade is in error. Grade disputes after this 7-calendar day period will not be considered.

Missed tests:

If you miss a midterm or final exam, you may write the deferred lecture test on the dates indicated above. *No supporting documentation is required.* If you miss a deferred test, supporting documentation may be required, and the next available time to write the test will likely be the next offering of KINE 1101 (Fall 2024).

Deferred Midterm will be held on Oct. 24, 2023 at 14:35. A Deferred Test for the Final Exam will be held in early January 2024. Deferred tests may not necessarily be the same format or style as the original

test. It is expected that deferred tests will take precedence over other commitments. There will not be a second opportunity to write a deferred test.

Missed laboratory tests:

There will be no deferred options for laboratory tests since they are made available to students for a full week.

If you know IN ADVANCE that you will be missing a lecture or laboratory test, please notify the Course Director at least 7 calendar days ahead of the test and attach relevant documentation, so that appropriate accommodations can be made.

Course Withdrawal Policy:

Students have an option to withdraw from a course past the drop deadline. During the time period after the last day to drop a course without receiving a grade for a term up until the last day of classes for the term, York University undergraduate students can still withdraw from a course. The course enrolment will remain in the University's records and on official transcripts, displayed with a "W" (Withdrawn from Course) notation. This policy gives an option to students who are struggling in a Page 6 of 8 course and/or who have become overwhelmed by their circumstances: it lets students minimize the impact on their academic standing, reduce their course load and focus on successfully completing their other courses.

The course withdrawal date for the Fall term is as follows:

To see all important dates in different terms, please visit: <http://registrar.yorku.ca/enrol/dates/su17>

You can withdraw from the course using the online [Registration and Enrolment Module](#). Select the course as you normally do to drop the course and the online tool will lead you through the withdrawal process.

The option to withdraw does not apply to:

- Graduate programs
- JD program
- Practica / internships / co-op or other experiential learning placements
- Exchange / Co-registration courses taken at another institution

For more information, please visit: <http://secretariat-policies.info.yorku.ca/policies/withdrawn-fromcourse-w-policy-and-guidelines/>

Please note: Petitions for removal of the "W" (Withdrawn from Course) notation are not permitted.

If you have any questions, please contact the Faculty of Health, Office of Student and Academic Services at 416-736-5299.

Test Viewing:

Supervised test viewing will be scheduled after each test for learning purposes. No phones/other means of notetaking/capturing will be allowed in test viewings. Please be aware that the instructors will personally examine all test questions after the completion of each test to ensure that no issues exist with respect to grading or question clarity. If the instructors do identify any issues, student grades will be automatically corrected accordingly.

Email communication:

All electronic communication with the Course Instructors and Teaching Assistants must be through the course email address: msrem@yorku.ca or through eClass discussion forums. When emailing, please INCLUDE YOUR FIRST AND LAST NAME AND STUDENT ID. Emails are a form of communication and the spelling, grammar and tone will reflect your communication skills. Emails should be written using professional language that would be acceptable in a workplace to a manager. Emails that include inappropriate form/language (i.e. “Hey”, “c u l8tr”, etc.) or without student name and ID will not be read or returned.

Student Code of Conduct:

Students and instructors are expected to maintain a professional relationship characterized by courtesy and mutual respect and to refrain from actions disruptive to such a relationship. Moreover, it is the responsibility of the instructor to maintain an appropriate academic environment, and the responsibility of the student to cooperate in that endeavor. Students must conduct themselves in accordance with York University’s Student Code of Conduct. This includes all aspects of the course, including online environments. A statement of the policy and procedures involving disruptive and/or harassing behaviour by students in academic situations is available at: <https://oscr.students.yorku.ca/student-conduct>.

Student Code of Rights and Responsibilities:

This code is intended to be educative and promote accountability among students toward their peers and other members of the York community. This code identifies those behaviours that are disruptive to the educational purposes of the University, make the campus less safe, diminish the dignity of individuals and groups, and the enjoyment of their rights. It applies specifically to students because the behaviours of non-student members of the University community are held to comparable standards of account by provincial laws, University policies, and their unions’ collective agreements. Information about how to address a concern or a complaint regarding a faculty or staff member can be found at: <http://oscr.students.yorku.ca/>.

Academic Integrity:

Students are expected to maintain the highest standards of academic integrity related to issues such as cheating, enabling cheating, plagiarism, authentic documentation, etc. Breaches of academic integrity will not be tolerated.

The School of Kinesiology and Health Science takes academic dishonesty very seriously and will abide by York University’s Senate Policy of Academic Honesty to adjudicate all cases. Students are expected to make efforts to discourage any and all (un)intentional breaches from their course work. Students are expected to complete their own work without assistance, in part or whole, on assignments and tests. Students are expected to act in accordance with the Senate Policy of Academic Honesty and are responsible for familiarizing themselves with these guidelines. Breaches of academic integrity will be handled under the disciplinary proceedings as outlined in: <http://calendars.registrar.yorku.ca/2015-2016/policies/honesty/index.htm>.

Test Banks:

The offering for sale of, buying of, and attempting to sell or buy test banks (banks of test questions and/or answers), or any course specific test questions/answers is not permitted in the Faculty of Health. Any student found to be doing this may be considered to have breached the [Senate Policy on Academic Honesty](#). In particular, buying and attempting to sell banks of test questions and/or answers may be considered as “Cheating in an attempt to gain an improper advantage in an academic evaluation” (article 2.1.1 from the Senate Policy) and/or “encouraging, enabling or causing others” (article 2.1.10 from the Senate Policy) to cheat.

Accessibility:

York University provides services for students with accessibility concerns (including physical, medical, learning, and psychiatric), who require accommodation related to teaching and evaluation methods/materials. 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. You are encouraged to email a copy of your accommodation letter to your instructors as early as possible in the semester, and to schedule a time early in the term to meet with your instructor to discuss your accommodation needs. Failure to make these arrangements may jeopardize your opportunity to receive academic accommodations. Requiring accommodation does not relieve students from following course policies. Student Accessibility Services can be accessed here:

<https://accessibility.students.yorku.ca/>.

Several platforms will be used in this course (e.g., eClass, Zoom, etc.) through which students will interact with the course materials, the course director / TA, as well as with one another. Please review the syllabus to determine how the class meets (in whole or in part), and how office hours and presentations will be conducted.

Students shall note the following:

- Zoom is hosted on servers in the U.S. This includes recordings done through Zoom.
- If you have privacy concerns about your data, provide only your first name or a nickname when you join a session.
- The system is configured in a way that all participants are automatically notified when a session is being recorded. In other words, a session cannot be recorded without you knowing about it.

Technology requirements and FAQs for eClass can be found here -

<http://www.yorku.ca/eClass/students/faq/index.html>

Important Resources

Library Help: if you are having issues accessing Primal Pictures, please refer to the help and tutorial links in eClass. If you having trouble with other library content, please go to the York Library website and click on “Chat Is Online”, <https://www.library.yorku.ca/web/>.

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.

Student Accessibility Services: If you need assistance with anything related to equity or accessibility, this is a great place to start: <https://accessibility.students.yorku.ca/>.

Calumet and Stong Colleges' Student Success Programming:

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

- [Orientation](#) helps new students transition into university, discover campus resources, and establish social and academic networks.
- [Peer Mentoring](#) connects well-trained upper-year students with first year and transfer students to help them transition into university.
- [Course Representative Program](#) aims to build the leadership skills of its Course Reps while contributing to the academic success and resourcefulness of students in core program classes.
- [Peer-Assisted Study Session \(P.A.S.S.\)](#) involve upper-level academically successful and well-trained students who facilitate study sessions in courses that are known to be historically challenging.
- [Peer Tutoring](#) offers one-on-one academic support by trained Peer Tutors.
- Calumet and Stong Colleges also support students' [Health & Wellness](#), [leadership and professional skills development](#), [student/community engagement and wellbeing](#), [career exploration](#), [Indigenous Circle](#), [awards and recognition](#), and [provide opportunities to students to work or volunteer](#).
- Please connect with your Course Director about any specific academic resources for this class.
- For additional resources/information about our student success programs, please consult our websites ([Calumet College](#); [Stong College](#)), email scchelp@yorku.ca, and/or follow us on Instagram ([Calumet College](#); [Stong College](#)), Facebook ([Calumet College](#); [Stong College](#)) and [LinkedIn](#)
- Are you receiving our weekly email (Calumet and Stong Colleges - Upcoming evens)? If not, please check your Inbox and Junk folders. If you do not find our weekly emails, then please add your 'preferred email' to your Passport York personal profile. If you need support, please contact ccscadm@yorku.ca, and request to be added to the listerv.