Prerequisite / Corequisite
None

Lecture Location
P.A. Woodward Instructional Resources Centre (IRC) Room 1
Monday 5 – 7 pm

Lab Location
Osborne Centre, Unit 1, Room 203
One of lab sections:
   91A – Tuesday 7 – 9 pm
   91B – Wednesday 5 – 7 pm
   91C – Thursday 7 – 9 pm

Course Instructor
Rob Langill (he/him/his)
   Office: Osborne Centre, Unit 2, Room 125
   Phone: 604 822 6299
   Email: rob.langill@ubc.ca

Other Instructional Staff – teaching assistants
Monika Sohal (she/her/hers)
   Email: monika.sohal@ubc.ca
Annalaura Bellucci (she/her/hers)
   Email: annab95@mail.ubc.ca

Preferred Contact Mode
Email: questions can be emailed to course instructor or teaching assistants with subject heading KIN 132 901. We will do our best to respond within 24 hours (questions sent evenings or weekends may take longer).
Office hours: No specific meeting times, but can be arranged by email.

Course Description
Human physiology and anatomy are sciences of function and structure. Our study approach is to look at “systems”, organs working together to perform specific functions. In this course systems will include: cardiovascular (CV), respiratory (RS), urinary (UR), digestive (DI), reproductive (RP), lymphatic (LM), and immune (IM).

Rationale
Kinesiology can contribute to functional and structural properties of human body. In order to understand this contribution, need to establish foundational knowledge of physiology and anatomy. From this base, role of kinesiology and its contributions to health and fitness can be developed.

Learning Outcomes
By the end of this course students will be able to:
• Understand basic physiology and anatomy corresponding to 7 systems examined.
• See beginnings of where physiology and anatomy lead into kinesiology.
• Appreciate that a clear understanding of a system requires bringing both physiology and anatomy together.
• Realize that many physiological functions involve multiple systems working together.
Learning Materials
- No required textbook; recommend you get an anatomy and physiology textbook to support your studies.
- PowerPoint slides provided on course website: www.canvas.ubc.ca.
- Material for exams will be from PowerPoint slides and corresponding lectures.

Course Structure
- Lecture day consists of two 50-minute segments (5 – 5:50 pm / 6 – 6:50 pm).
- Lab day consists of introductory lecture and open time.
- Exam days consist of just exam, no following lecture or lab.
  o LECTURE EXAMS 1 and 2 (100 minutes: 5 – 6:40 pm).
  o LECTURE EXAM 3 (100 minutes: start time set by registrar).
  o LAB EXAMS 1 and 2 (~40 minutes; start time depends on lab section).

Schedule of Topics

<table>
<thead>
<tr>
<th>WEEK OF</th>
<th>LECTURE</th>
<th>LAB – 91A / 91B / 91C</th>
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<tbody>
<tr>
<td>Sep 5</td>
<td>NO LECTURE: Labour Day</td>
<td>NO LAB</td>
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<tr>
<td>Sep 12</td>
<td>COURSE OVERVIEW / CV1</td>
<td>LAB 1: LAB OVERVIEW / CV – heart</td>
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<tr>
<td>Sep 19</td>
<td>CV2 / CV3</td>
<td>LAB 2: CV – blood vessels</td>
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<tr>
<td>Sep 26</td>
<td>CV4 / RS1</td>
<td>LAB 3: RS</td>
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<tr>
<td>Oct 3</td>
<td>RS2 / RS3</td>
<td>OPEN TIME</td>
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<tr>
<td>Oct 10</td>
<td>NO LECTURE: Thanksgiving Day</td>
<td>LAB EXAM 1</td>
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<tr>
<td>Oct 17</td>
<td>LECTURE EXAM 1</td>
<td>LAB 4: UR</td>
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<tr>
<td>Oct 24</td>
<td>UR1 / UR2</td>
<td>LAB 5: DI – mouth to stomach</td>
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<tr>
<td>Oct 31</td>
<td>UR3 / DI1</td>
<td>LAB 6: DI – duodenum to anus</td>
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<tr>
<td>Nov 7</td>
<td>DI2 / DI3</td>
<td>NO LAB: midterm break (Nov 9 – 11)</td>
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<tr>
<td>Nov 14</td>
<td>LECTURE EXAM 2</td>
<td>LAB 7: RP / LM / IM</td>
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<tr>
<td>Nov 21</td>
<td>RP1 / RP2</td>
<td>OPEN TIME</td>
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<tr>
<td>Nov 28</td>
<td>RP3 / LM-IM1</td>
<td>LAB EXAM 2</td>
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<tr>
<td>Dec 5</td>
<td>IM2 / IM3</td>
<td>NO LAB</td>
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<tr>
<td>Dec 11 – 22</td>
<td>LECTURE EXAM 3 (exact date Registrar scheduled)</td>
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Assessments of Learning

3 Lecture Exams: each is a final for systems, not cumulative over term.
- LECTURE EXAM 1: 25% / covering CV / RS lectures.
- LECTURE EXAM 2: 25% / covering UR / DI lectures.
- LECTURE EXAM 3: 25% / covering RP / LM / IM lectures.
  - Exam format: multiple choice questions.

2 Lab Exam: each is a final for systems, not cumulative over term.
- LAB EXAM 1: 12.5% / covering labs 1, 2, 3 (CV / RS).
- LAB EXAM 2: 12.5% / covering labs 4, 5, 6, 7 (UR / DI / RP / LM / IM).
  - Exam format: identification using models, diagrams, written questions.

- In all cases: NO OPPORTUNITIES TO EARN EXTRA CREDITS / NO CHANGING OF WEIGHTING.

University Policies

Resources to Support Student Success: UBC provides resources to support student learning and to maintain healthy lifestyles but recognizes that sometimes crises arise and so there are additional resources to access. UBC values respect for person and ideas of all members of academic community. Harassment and discrimination are not tolerated nor is suppression of academic freedom. UBC provides appropriate accommodation for students with disabilities and for religious and cultural observances. UBC values academic honesty and students are expected to acknowledge ideas generated by others and to uphold the highest academic standards in all of their actions. Details of policies and how to access support are available from UBC Senate Website.

Academic Accommodation for Students with Disabilities: UBC's goal is to ensure fair and consistent treatment of all students, including students with a disability, in accordance with their distinct needs and in a manner consistent with academic principles. Students with a disability who wish to have an academic accommodation contact Centre for Accessibility without delay.

Academic Integrity: Expected to behave as honest and responsible members of an academic community of higher learning and research. Breach of those expectations or failure to follow appropriate policies, principles, rules, and guidelines of the University with respect to academic honesty may result in disciplinary action. It is your responsibility, as student, to become familiar with and understand consequences of violating: Academic Honesty and Plagiarism Policies / Student Declaration / Student Conduct during Examinations.

Online Communications: All UBC students are expected to communicate in a respectful and professional manner with your fellow students, teaching assistants, and instructors. Please ensure you review and are familiar with Student Guidelines for Respectful Online Conduct from UBC Equity & Inclusion Office.
Course Policies

In general:
• If you are sick, stay home.
• If course instructor is sick, will stay home and email plans for class as soon as possible (likely involving online delivery).

Lecture Absence:
• Notification not required.
• Responsible for all material whether in attendance or not (includes announcements if changes needed).

Exam Absence:
Foreseen
• Should appeal for special accommodation from course instructor as early in term as possible.
• Special accommodation requires timely notification with a minimum two weeks notification expected and support documentation required.

Unforeseen – prior notification not possible (illness or family crisis)
• Notification of course instructor as soon as possible.
• Go to KIN Advising under academic concession and select “concession for in-term work” or “concession for final exam” (non-KIN students request academic concession through your home faculty).
• If approved KIN Advising will contact course instructor.
• A make-up exam can now be arranged.

• Academic concession is a privilege, not a right; do not assume you will be accommodated.

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