



Prerequisite / Corequisite

None

Lecture Location

West Mall Swing Space, Room 222
Monday / Wednesday / Friday 10 – 10:50 am

Lab Location

Osborne Centre, Unit 1, Room 203
One of lab sections:
L1A: Monday 2 – 4 pm L1B: Tuesday 2 – 4 pm
L1C: Wednesday 2 – 4 pm L1D: Thursday 2 – 4 pm
L1E: Friday 8 – 10 am L1F: Wednesday 5 – 7 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

Owen Payne (he/him/his)
Email: owen.payne@ubc.ca
Josh Taylor (he/him/his)
Email: joshua.taylor@ubc.ca
Prassana Aravinthan (he/him/his)
Email: paravint@student.ubc.ca

Preferred Contact Mode

Email: questions can be emailed to course instructor or teaching assistants with subject heading KIN 132 002. 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), 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 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 in this course and future.
- PowerPoint slides provided on course website: www.canvas.ubc.ca.
- Material for exams will be from PowerPoint slides and corresponding lectures.

Course Structure

- Lectures consist of a 50-minute presentation (10 – 10:50 am).
- Labs consist of a presentation and open time.

Schedule of Topics

	Monday	Wednesday	Friday	LAB (details provided in 1 st lab)
Jan 9 – 13	COURSE OVERVIEW	CV1	CV2	NO LAB
Jan 16 – 20	CV3	CV4	CV5	LAB 1
Jan 23 – 27	CV6	CV7	CV8	LAB 2
Jan 30 – Feb 3	CV REVIEW	CV EXAM	RS1	LAB 3
Feb 6 – 10	RS2	RS3	RS4	LAB 4
Feb 13 – 17	RS5	RS REVIEW	RS EXAM	LAB 5
Feb 20 – 24	NO LECTURES OR LABS: midterm break			
Feb 27 – Mar 3	UR1	UR2	UR3	LAB EXAM 1
Mar 6 – 10	UR4	UR5	UR REVIEW	LAB 6
Mar 13 – 17	UR EXAM	DI1	DI2	LAB 7
Mar 20 – 24	DI3	DI4	DI5	LAB 8
Mar 27 – 31	DI REVIEW	DI EXAM	IM1	LAB 9
Apr 3 – 7	IM2	IM3	NO LECTURE	LAB EXAM 2 (L1E to other labs due to Good Friday)
Apr 10 – 14	NO LECTURE	IM EXAM	NO LECTURE	NO LAB
Exam Period Apr 17 – 28	NO FINAL EXAM			

Assessments of Learning

5 Lecture Exams: each is a final for a system, not cumulative over term.

- LECTURE EXAM 1 (Feb 1): 15% / covering CV lectures.
- LECTURE EXAM 2 (Feb 17): 15% / covering RS lectures.
- LECTURE EXAM 3 (Mar 13): 15% / covering UR lectures.
- LECTURE EXAM 4 (Mar 29): 15% / covering DI lectures.
- LECTURE EXAM 5 (Apr 12): 15% / covering IM lectures.
 - Exam format: multiple choice questions.

2 Lab Exams: each is a final for multiple systems, not cumulative over term.

- LAB EXAM 1 (week of Feb 27 – Mar 3 depending on lab section): 12.5% / covering labs (CV / RS).
- LAB EXAM 2 (week of Apr 3 – 7 depending on lab section): 12.5% / covering labs (UR / DI / IM).
 - Exam format: identification using models, diagrams, written questions.
- In all cases: NO OPPORTUNITIES TO EARN EXTRA CREDITS / NO CHANGING OF WEIGHTING.

University Policies

- 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 including those for survivors of sexual violence.
- UBC values respect for the person and ideas of all members of the 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, spiritual and cultural observances.
- UBC values academic honesty and students are expected to acknowledge the ideas generated by others and to uphold the highest academic standards in all of their actions.
- Details of the policies and how to access support are available on the UBC Senate website.

Course Policies

- If student, TA, or course instructor sick; stay home.
- Lecture absence: notification not required: responsible for all material whether in attendance or not (includes announcements if changes needed).
- Exam absence:
 - Foreseen: notification of course instructor as early in term as possible (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 requests 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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