

Instructor: Dr. Reed Ferber (Course Coordinator)
Phone: (403) 210-6468
Email: rferber@ucalgary.ca
Office: KNB 242
Office: Fridays at 11am
Hours:

Room: ST 140
Days: M/W/F
Time: 8:00 am – 8:50 am
Course Website: <https://blackboard.ucalgary.ca>

Instructor: Dr. Richard Walker / Brandon Hisey
Phone: (403)220-7627 / (403)220-4927
Email: rlwalker@ucalgary.ca
bhisey@kin.ucalgary.ca
Office: BI 276B /KNB 427
Office: D. Walker by appointment
Hours: B. Hisey by appointment

Room: KNB 132
Days: M/W/F
Time: 12:00 am – 12:50 am
Course Website: <https://blackboard.ucalgary.ca>

Course Description:	The instructional approach is a combination of systematic and regional anatomy and physiology with some surface anatomy and radiologic considerations. This course will cover physiology and anatomy of the cardiovascular, pulmonary, endocrine, renal, and gastrointestinal systems as well as anatomy of the reproductive and integumentary systems and special senses. Laboratories utilize human tissue materials, anatomical models, charts, and prosected cadavers and cadaver specimens.
Course Objectives:	This course is concerned with anatomy (the study of animal structure and organization), physiology (the study of animal function), and pathology (the study of animal diseases). The course objectives are: <ul style="list-style-type: none"> • To appreciate the organization and function of the mammalian body. • To gain an understanding of biological structures at the cellular, tissue, organ, and organism level. • To gain a basic understanding of how the systems of the body interact with each other to maintain homeostasis. • To develop the technical skills required to communicate effectively with physicians, biologists, and anatomists.
Required Reading Materials:	<p>Lecture Textbook (Required): Marieb & Hoehn <i>Human Anatomy</i>, 9th ed. Pearson/ Benjamin Cummings</p> <p>Laboratory Manual (Required): KNES 259 Laboratory Manual</p> <p>Other Textbooks (Supplement): Tortora A Photographic Atlas of the Human Body, 2nd ed. Wiley</p>
Supplies:	Students must provide their own lab coat Hypoallergenic powder free gloves are provided in the laboratory Inform the laboratory assistant of sensitivity to latex or other substances
Contacting the Instructor:	Students requiring assistance are encouraged to speak with their instructor during class or office hours. Should you wish to meet with the instructor outside of office hours, please phone or email the instructor to make an appointment. Email, while commonly used, does limit the effectiveness of communications and

may not be the best way for instructors to answer student questions. Therefore, the instructor may request a telephone call or personal meeting. Your instructor will inform you as to his/her expectations about emails.

Grading Scale:

Grade	Percent	Grade Point Value	Description
A+	95.0 - 100	4.00	Outstanding
A	90.0 – 94.9	4.00	Excellent - superior performance, showing comprehensive understanding of subject matter.
A-	85.0 – 89.9	3.70	
B+	80.0 – 84.9	3.30	
B	75.0 – 79.9	3.00	Good-clearly above average performance with knowledge of subject matter generally complete.
B-	70.0 – 74.9	2.70	
C+	65.0 – 69.9	2.30	
C	60.0 – 64.9	2.00	Satisfactory – basic understanding of the subject matter. Grade point average below 2.00 is not sufficient for promotion.
C-	55.0 – 59.9	1.70	Minimum grade required if needed as a prerequisite course.
D+	50.0 – 54.9	1.30	
D	45.0 – 49.9	1.00	Minimal pass – marginal performance; generally insufficient preparation for subsequent courses in the same subject.
F	<45.0	0	Fail – unsatisfactory performance or failure to meet course requirements.

Evaluation of Course Content:

Lecture Midterm: 25% (Feb 25) Lecture Final: 25% (Date TBD)
 Laboratory Midterm: 25% (Feb 12/14) Laboratory Final: 25% (April 9/11)

Late Policy:

It is the student's responsibility to supply proper documentation and/or notification **prior** to the scheduled labs and/or exams to support their circumstance. Failure to comply with this policy will result in a grade of zero for any exams and you will not be able to make up another lab without written permission from the Lab TA, the Head TA, and Dr. Ferber.

Final Examination:

The Lecture Final Examination is schedule be the Registrar.

Additional Course Information:

- Notes, books, or computers are not allowed in any testing situation.
- Lectures and/or laboratory sessions may not be recorded electronically by any means unless permission is given by the instructors.
- If the student misses the final lecture examination, it may be rescheduled through application to the faculty office and the Registrar.
- Students are expected to read and sign the "Code of Conduct for Anatomical Laboratories".
- Students may be asked to participate as research subjects during this course. Please read any information regarding any research project carefully.

Students are expected to participate in lectures, computer laboratories, cadaver laboratories, and surface anatomy laboratories unless the student's concerns have been reviewed and alternate learning strategies have been approved with the instructor or the Associate Dean (Academic) of the Faculty of Kinesiology.

Course Content:

January 7	8 First Day of Classes No Lab This Week	9 First Lecture CV Anatomy	10	11 CV Anatomy
14 CV Anatomy	15 Heart Lab	16 CV Physiology	17	18 CV Physiology
21 CV Physiology	22 UE Vessels Lab	23 CV Physiology	24	25 CV Physiology
28 CV Physiology	29 LE Vessels Lab	30 Pulmonary Anatomy	31	February 1 Lymphatic System Anatomy
4 Integumentary Anatomy	5 Review Lab	6 Pulmonary Phys	7	8 Pulmonary Phys
11 Pulmonary Phys	12 Lab Midterm	13 Pulmonary Phys	14 Lab Midterm	15 Endocrine Physiology
18 Family Day READING BREAK	19 READING BREAK	20 READING BREAK	21 READING BREAK	22 READING BREAK
25 Review Session Lecture Midterm 6:30pm	26 No Lab This Week	27 Endocrine Physiology	28	March 1 Endocrine Physiology
4 Endocrine Physiology	5 Pulmonary Lab	6 Endocrine Physiology	7	8 Endocrine Physiology
11 Renal Anatomy	12 Urinary Lab	13 Renal Physiology	14	15 Renal Physiology
18 Renal Physiology	19 GI Lab I	20 Renal Physiology	21	22 GI Anatomy
25 GI Anatomy	26 GI Lab II	27 GI Physiology	28	29 GOOD FRIDAY
April 1 GI Physiology	2 Review Lab	3 GI Physiology	4	5 GI Physiology
8 Repro Anatomy	9 Lab Final	10 Repro Anatomy	11 Lab Final	12 Special Senses
15 Review Session	16	17	18	19

Final Exam Scheduled by Registrar (April 19-30)

Supplementary Course Information

In accordance with the University of Calgary Calendar

Academic Accommodation Awareness Information:	It is the student's responsibility to request academic accommodation. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 220-8237. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the commencement of this course. Students who have not registered with the Disability Resource Centre <u>are not</u> eligible for formal academic accommodation.
Plagiarism/Cheating/Other Academic Misconduct: (see Calendar)	A <u>single</u> offence of cheating, plagiarism, or other academic misconduct is a serious act that will not be tolerated in the Faculty of Kinesiology. Penalties for such acts will be determined by the Dean and may result in a failing grade, probation, suspension, or expulsion. Any student who is uncertain if an action falls into this category should consult the instructor and/or the Calendar.
Midterm Exam Policy:	The Faculty of Kinesiology policy is that all students are expected to write midterm exams on the dates listed on the course outline. Special accommodation may be granted by the instructor in <u>exceptional circumstances only</u> which include illness, participation in athletic events (varsity, national or international), domestic affliction, and religious conviction. It is the student's responsibility to supply proper documentation and/or notification <u>prior</u> to the originally scheduled midterm to support their circumstance. Personal travel plans and arrangements are <u>not</u> valid reasons for requesting a special accommodation for a midterm exam. Failure to comply with this policy will result in a grade of zero for the midterm and possible failure in the course.
FOIP Policy:	Please note that the University is under the jurisdiction of the provincial Freedom of Information and Protection of Privacy (FOIP) Act. Please refer to the website for details: http://www.ucalgary.ca/secretariat/privacy
Internet and Electronic Communication Device Information:	Any surfing of the Internet during lectures that is not directly related to the class discussion is distracting and strictly forbidden. Additionally, the use of any electronic devices (e.g., cellular phones, Blackberrys) for e-mailing, texting, etc. is strictly prohibited. Please turn OFF your phone before the beginning of each lecture. Instructors have the authority, at the discretion of the dean of their faculty, to require that specific course assignments, term papers and academic exercises be submitted in an electronic format. Instructors cannot require that multiple copies of an assignment be submitted.
Emergency Evacuation/Assembly Points: Safewalk Information:	For classes in the Kinesiology buildings Primary assembly point is the MacEwan Student Centre - North Courtyard and the Alternate assembly point is University Theatres Lobby Safewalk volunteers walk people safely to their destination on campus (including Health Sciences, Children's Hospital, McMahon Stadium, and University LRT station). This service is free and available to students, staff and campus visitors. Call 403-220-5333 (24 hours a day/7 days a week/365 days a year).
Student's Union:	The Kinesiology Representative is Calindy Ramsden - E-mail: kinesrep@su.ucalgary.ca .