

Instructors: Brandon Hisey
Karen Kendall, PhD Candidate

Room: KNB 126
KNA 123 - All Lab Sections

Contact Information: Mr. Hisey: (403) 220-4927
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Mike Lane: (403) 220-2413
(Lab Instructor) mlane@kin.ucalgary.ca

Days: Monday, Wednesday, Friday
(Laboratory sections are student scheduled on Mondays and Wednesdays)

Time: 8:00am

Class Duration: Lectures 110 minutes
Laboratories 110 minutes

Office Hours: Mr. Hisey: By appointment, KNB 255
Ms. Kendall: By appointment, KNB 230

Course Website: Blackboard

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 general cell physiology, bone anatomy, neurophysiology and muscular physiology, as well as skeletal structure, types of connective tissues, structure of joints, and muscles of the axial and appendicular skeleton. Laboratories utilize human tissue materials, anatomical models, charts, and prosected cadavers and cadaver specimens.
Course Objectives:	<p>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).</p> <p>The course objectives are:</p> <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; and • To develop the technical skills required to communicate effectively with physicians, biologists, and anatomists.
Reading Materials:	<p>Lecture Textbook (<i>Required</i>): Marieb & Hoehn <i>Human Anatomy</i>, 8th ed. Pearson/ Benjamin Cummings</p> <p>Laboratory Manual (<i>Required</i>): KNES 259 Laboratory Manual</p> <p>Other Textbooks (<i>Supplement</i>): Tortora <i>A Photographic Atlas of the Human Body</i>, 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	
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%	Lecture Final:	25%
Laboratory Midterm:	25%	Laboratory Final:	25%

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.

Academic Misconduct:	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.
Academic Accommodation:	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.
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.
Emergency Meeting Place:	For classes in the Kinesiology building. Primary assembly point is the MacEwan Student Centre – North Courtyard and the alternate assembly point is University Theatres Lobby.
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
Safewalk Information:	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).
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.
Student's Union:	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. The Kinesiology Representative is Calindy Ramsden – E-mail: kinesrep@su.ucalgary.ca .

KNES 259 Spring 2012 Course Content/Schedule

May 7	8	9 Introduction Lecture Cell Physiology No Labs	10	11 Cell Physiology
14 Last day to add/drop Cell Physiology <i>UE Bones Lab</i>	15	16 Cell Physiology <i>LE Bones Lab</i>	17	18 Cell Physiology
21 Victoria Day NO LECTURE No Labs	22	23 Planes of Movement Bones and Joints <i>Axial Skeleton Lab</i>	24	25 Skeletal System
28 Neurophysiology <i>Joints Lab</i>	29	30 Neurophysiology Lab Midterm	31	June 1 Lecture Midterm
4 Neuroanatomy <i>Nervous System Lab</i>	5	6 Neurophysiology <i>UE Muscles Lab</i>	7	8 Neurophysiology
11 Muscle Anatomy <i>LE Muscles Lab</i>	12	13 Muscle Anatomy <i>Axial Muscles Lab</i>	14	15 Muscle Anatomy
18 Muscle Physiology <i>Review Lab</i>	19	20 Muscle Physiology Lab Final	21	22 Review Lecture

LECTURE FINAL SCHEDULED BY REGISTRAR (June 25-27)