Department/Program: Kinesiology
Course #: KIN 191 921
Day/Time: Tues/Thurs 9am-12pm

Term/Year: Summer Term 2 2019
Course Title: Anatomy and Physiology II
Location: Osborne Centre Room 203

Instructor: Dr. Erin Shellington
Office: Room 211 Lower Mall Research Station
Hours: By appointment
Phone: 519 751 4673
Email: erin.shellington@ubc.ca

Teaching Assistant: Paige Reinhard
Extra lab hours: Monday 12-1pm
Email: paige.reinhard@ubc.ca

Please include ‘KIN 191’ in the subject heading in all your emails to the course instructor and TA. Please use appropriate salutations in all e-mail correspondence.

Land Acknowledgment: UBC and Osborne Centre reside on the traditional, ancestral, and unceded territory of the Musqueam people. Respect for cultural differences and cultural safety, as well as creating cultural space in the classroom for different types of knowledges outside of Westernized knowledge is encouraged. Inclusivity and acceptance allow all students to achieve equality and equity in their learning and therefore, disrespect for diversity will not be tolerated.

Course Description: Structure and function of the digestive, endocrine, urinary, circulatory and respiratory systems. Special emphasis on effects of exercise.

Course Format: This lecture-laboratory course will be taught approximately as follows:

Tuesday 9:00 – 10:20am Lecture Thursday 9:00 – 10:20am Lecture
Tuesday 10:20 – 10:30am Break Thursday 10:20 – 10:30am Break
Tuesday 10:30 – 12:00pm Lecture Thursday 10:30 – 12:00pm Laboratory

On test days, the test will always begin at 9:00am, regardless of schedule.

Required Reading:
For all other materials (i.e., lecture and laboratory) please see the course site on Canvas.

Other Resources:
clinicalanatomy.ca by UBC Medicine
Online textbook and content from WileyPlus:
To register for your course simply go to <http://www.wileyplus.com/go/login>. Click “Sign up now” to create an account. You will be asked to enter your course section ID (A84829) for KIN 191 - Shellington - Spring 2019 to find your course and complete the registration process.

Course Assignments, Due Dates and Grading:

Lab Test 1 (25%) & Lab Test 2 (25%)
Both will be worth 25% each of your grade and they will not be cumulative. Lab tests will be bell ringer style and will consist of 40 questions. You will have 60 seconds at each of the stations, which will include time to transition between each station and two rest stations for a total time of 42 minutes.
Midterm (25%) and Final Exam (25%)
The midterm and final exam will consist of a combination of multiple choice and short answer questions, which will be distributed between the lecture material. You will have 75 minutes to complete the midterm. The final exam is not cumulative, and it will be completed during the exam period (between Aug 13-17, 2019) to be scheduled by the registrar. You must be available to attend the final exam scheduled by the registrar (i.e., do not plan holidays during this period).

Course Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>9am – 10:20 am</th>
<th>10:30am – 12pm</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>July 2</td>
<td>Introduction</td>
<td>Digestive 1</td>
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<tr>
<td></td>
<td>July 4</td>
<td>Digestive 2</td>
<td>Digestive Lab</td>
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<td>2</td>
<td>July 8</td>
<td>Optional extra lab hour with Paige 12:00-1:00pm Osborne Rm. 203</td>
<td>Urinary 1</td>
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<td></td>
<td>July 9</td>
<td>Metabolism 1</td>
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<tr>
<td></td>
<td>July 11</td>
<td>Urinary 2</td>
<td>Urinary Lab</td>
</tr>
<tr>
<td>3</td>
<td>July 15</td>
<td>Optional extra lab hour with Paige 12:00-1:00pm Osborne Rm. 203</td>
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<td></td>
<td>July 16</td>
<td>Fluids 1</td>
<td>Lab review</td>
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<td></td>
<td>July 18</td>
<td>Lab Test 1 (25%)</td>
<td>Lecture Review</td>
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<tr>
<td>4</td>
<td>July 22</td>
<td>Optional extra lab hour with Paige 12:00-1:00pm Osborne Rm. 203</td>
<td>Cardiovascular 1</td>
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<td></td>
<td>July 23</td>
<td>Midterm (25%)</td>
<td>Cardiovascular Lab</td>
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<td></td>
<td>July 25</td>
<td>Cardiovascular 2</td>
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<td>5</td>
<td>July 29</td>
<td>Optional extra lab hour with Paige 12:00-1:00pm Osborne Rm. 203</td>
<td>Respiratory 1</td>
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<td>July 30</td>
<td>Cardiovascular 3</td>
<td>Respiratory Lab</td>
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<td></td>
<td>Aug 1</td>
<td>Cardiovascular Review – Paige teaching</td>
<td></td>
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<tr>
<td>6</td>
<td>Aug 5</td>
<td>British Columbia Day – NO extra lab hour</td>
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<tr>
<td></td>
<td>Aug 6</td>
<td>Respiratory 2</td>
<td>Lab Review</td>
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<tr>
<td></td>
<td>Aug 8</td>
<td>Lab Test 2 (25%)</td>
<td>Lecture Review</td>
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</tbody>
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Exam Period Aug 13-17 (set by the registrar). Exam (25%)

Course Objectives:

1. Identify anatomical structures of the endocrine, cardiovascular, respiratory, urinary, and digestive systems.
2. Outline the digestive processes and distinguish the roles of gastrointestinal sections and accessory organs in food digestion, nutrient absorption, and waste elimination.
3. Describe the functions and regulatory pathways provided by the endocrine system in maintaining homeostasis.
4. Describe the mechanisms of urinary formation and elimination.
5. Explain the functions of the cardiovascular and respiratory systems and the physiological collaboration and interaction between them.
Course Policies
If you ever have any questions or concerns please discuss with the course instructor at any time related to attendance, assignments, conflicts, etc.

UBC Attendance Policy:
Regular attendance is expected of students in all their classes (including lectures and laboratories). Students who are unavoidably absent because of illness or disability should report to their instructors as soon as possible. Students who plan to be absent for varsity athletics, family obligations, and/or other similar commitments cannot assume they will be accommodated, and should discuss their commitments with the instructor as soon as possible, ideally before the withdrawal date of the course. Students are reminded that they must be available to write the exams/tests when scheduled. Students who are unavoidably absent because of illness/disability should report to their instructors on return to classes (missed final exam must request academic concession from Kinesiology Advising). Tests will not be rescheduled; the remaining tests will be re-weighted.

Last date for withdrawal without a W on your transcript: July 8, 2019
Last date for withdrawal with a W instead of an F on your transcript: July 19, 2019

Academic Integrity
UBC and the scholarly community at large (including myself) – share an understanding of the ethical ways that we use to produce knowledge. A core practice of this shared value of academic integrity is that we acknowledge the contributions of others to our own work, but it also means we produce our own contributions that add to the scholarly conversation: we don’t buy or copy papers or exams, or have someone else edit them. We also don’t falsify data or sources, or hand in the same work in more than one course.

Because it is so important that research be done ethically, I expect KIN 191 students to meet these expectations. Any instance of cheating or taking credit for someone else’s work, whether intentionally or unintentionally, can and often will result in at minimum a grade of zero for the tests/assignments, and these cases will be reported. See the UBC Calendar entries on “Academic Honesty,” “Academic Misconduct,” and “Disciplinary Measures,” and check out the Student Declaration and Responsibility. See “Tips for Avoiding Plagiarism” from the Chapman Learning Commons, and bookmark the OWL website for how to use MLA or APA citation styles. (see Academic Calendar, http://www.students.ubc.ca/calendar).

In pursuing academic integrity, I wish to acknowledge the hard work and dedication of Dr. Laurie McNeill for her TLEF project to improve the conversation on academic integrity and thank her for sharing her syllabus template used here.
Special Accommodations
Students, whose attendance or performance may be severely affected by medical, emotional, and/or other disabilities, should consult with the instructor early in the term to discuss any special accommodations that might be needed in order to complete course requirements. Supportive documentation must be submitted to the KIN Undergraduate Advising Office, and where appropriate, the instructor.

Technology
Lecture slides will be made available for your study purposes only; however, they may not be redistributed. Laptops and tablets may be used in class for learning purposes only. Cell phones may not be used during teaching times, if you feel that you must take a call or send a message please excuse yourself from the classroom and do not distract from the lesson. The classroom is a shared space and all students should have equal opportunities to learn and do their best.

Classroom Culture
Together we make up the classroom culture so that all students feel supported in their learning. By creating a space that is inclusive, free of judgement, and allows all students to excel in their coursework is a priority. The use of cell phones, talking in class, and using your laptop to do work not related to the course can be distracting for other students, so please keep this in mind. This course has a high volume of content condensed into a short period, as are all summer courses, as well as a core course for Kinesiology students. If there is anything specific you would like addressed as a part of the classroom culture please speak with your instructor.