Prerequisite / Corequisite: none

Lecture location: West Mall Swing Space, Room 221
Days/Times: Monday / Wednesday / Friday 10 – 11 am

Lab location: Osborne Centre, Unit 1, Room 203
Days/Times (depends on section): L1A (Mon): 2 – 4 pm / L1B (Tues): 2 – 4 pm / L1C (Wed): 2 – 4 pm / L1D (Thurs): 2 – 4 pm / L1E (Fri): 8 – 10 am / L1F (Wed): 5 – 7 pm

Course Instructor: Rob Langill
Office: Osborne Centre, Unit 2, Room 125
Contacts (phone / email): 604 822 6299 / rob.langill@ubc.ca
Preferred contact mode: Questions through email are always welcome but please be aware it may up to 24 hours to respond during the week. While some questions can be answered through email others are easier if discussed in person. If this is the case please email to set up a meeting time using the course name (kin 132 002) in the subject line.

Other Instructional Staff
Teaching Assistants: Kayla Johnston / Paige Reinhard / Cameron Gee
Contact (email): provided in the first lab

**Course Description**
Human physiology and anatomy is the science of the function and structure of the living human body. Study usually centers on the body “systems”, a group of organs working together to perform specific functions. In this course the focus will be on the urinary, immune, digestive, cardiovascular, and respiratory systems.

**Learning Outcomes**
- Our study will establish foundational knowledge in the way our bodies function and are structured within the systems examined.
- From this base of physiology and anatomy the role of kinesiology can be developed in future courses.

**Learning Materials**
- Lecture
  - Slides: available on the website; [www.canvas.ubc.ca](http://www.canvas.ubc.ca)

- Lab
  - Slides: available on the website; [www.canvas.ubc.ca](http://www.canvas.ubc.ca)
  - Anatomy models (available in lab time)
### Course Structure
- The course is organized in a lecture and lab format.
- Lectures focus on physiology while labs focus on anatomy.

### Schedule of Topics:

<table>
<thead>
<tr>
<th>WEEK</th>
<th>MONDAY 10-11</th>
<th>WEDNESDAY 10-11</th>
<th>FRIDAY 10-11</th>
<th>LABS</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAN 6-10</td>
<td>Course Introduction</td>
<td>Urinary 1</td>
<td>Urinary 2</td>
<td>No labs</td>
</tr>
<tr>
<td>JAN 13-17</td>
<td>Urinary 3</td>
<td>Urinary 4</td>
<td>Urinary 5</td>
<td>Urinary</td>
</tr>
<tr>
<td>JAN 20-24</td>
<td>Urinary Lecture Exam</td>
<td>Immune 1</td>
<td>Immune 2</td>
<td>Digestive A</td>
</tr>
<tr>
<td>JAN 27-31</td>
<td>Immune 3</td>
<td>Immune 4</td>
<td>Immune 5</td>
<td>Digestive B</td>
</tr>
<tr>
<td>FEB 3-7</td>
<td>Immune Lecture Exam</td>
<td>No lecture</td>
<td>No lecture</td>
<td>Open Time</td>
</tr>
<tr>
<td>FEB 10-14</td>
<td>Digestive 1</td>
<td>Digestive 2</td>
<td>Digestive 3</td>
<td>Urinary/Digestive Lab exam</td>
</tr>
<tr>
<td>FEB 17-21</td>
<td></td>
<td></td>
<td></td>
<td>MIDTERM BREAK (No lectures or labs)</td>
</tr>
<tr>
<td>FEB 24-28</td>
<td>Digestive 4</td>
<td>Digestive 5</td>
<td>No lecture</td>
<td>Cardiovascular A</td>
</tr>
<tr>
<td>MAR 2-6</td>
<td>Digestive Lecture Exam</td>
<td>Cardiovascular 1</td>
<td>Cardiovascular 2</td>
<td>Cardiovascular B</td>
</tr>
<tr>
<td>MAR 9-13</td>
<td>Cardiovascular 3</td>
<td>Cardiovascular 4</td>
<td>Cardiovascular 5</td>
<td>Cardiovascular C</td>
</tr>
<tr>
<td>MAR 16-20</td>
<td>Cardiovascular Lecture Exam</td>
<td>No lecture</td>
<td>No lecture</td>
<td>Respiratory</td>
</tr>
<tr>
<td>MAR 23-27</td>
<td>Respiratory 1</td>
<td>Respiratory 2</td>
<td>Respiratory 3</td>
<td>Open Time</td>
</tr>
<tr>
<td>MAR 30-APR 3</td>
<td>Respiratory 4</td>
<td>Respiratory 5</td>
<td>No lecture</td>
<td>Cardiovascular/Respiratory Lab exam</td>
</tr>
<tr>
<td>APR 6-10</td>
<td>Respiratory Lecture Exam</td>
<td>No lecture</td>
<td>No lecture</td>
<td>No labs</td>
</tr>
</tbody>
</table>
Assessments of Learning

- **Physiology**
  - Testable material will be lecture content with emphasis on function.
  - Format will include multiple choice and short answer questions.
    - Lecture Exams – 70% of overall grade; each is 45 minutes in lecture time
      - Urinary Exam (14% of overall grade): Jan 20
      - Immune Exam (14% of overall grade): Feb 3
      - Digestive Exam (14% of overall grade): Mar 2
      - Cardiovascular Exam (14% of overall grade): Mar 16
      - Respiratory Exam (14% of overall grade): Apr 6

- **Anatomy**
  - Testable material will be lab content with emphasis on anatomical structures.
  - Format will be bell-ringer style (1 minute per station) including identification on models/diagrams and fill in the blank.
    - Lab Exams – 30% of overall grade; each is 50 minutes in lab time
      - Urinary-Digestive Exam (15% of overall grade): week of Feb 10 – 14 (depending on lab section)
      - Cardiovascular-Respiratory Exam (15% of overall grade): week of Mar 30 – Apr 3 (depending on lab section)

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 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.

Other Policies

- Students are reminded that they **must be available** to write the exams when scheduled.
- The student is responsible for all material covered in class and any information given whether in attendance or not (this includes all announcements concerning changes made during class periods whether or not you are in attendance when announcements are made).
- 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**).
- Instructors are not required to make allowance for any missed test that is not satisfactorily accounted for. Do not assume varsity athletics, family obligations, or other similar commitments will be accommodated. These should be discussed with the instructor a minimum of two weeks ahead or preferably at the start of term.

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