

## SAMPLE COURSE OUTLINE

Creation date: Jan 24, 2020

Revision date: Jan 24, 2020

### Course Code, Number, and Title:

KINS 1131: Systems Physiology I

### Course Format:

[Course format may vary by instructor. The typical course format would be:]

Lecture 3 h + Seminar 1 h

**Credits:** 3

**Transfer Credit:** For information, visit [bctransferguide.ca](http://bctransferguide.ca)

### Course Description, Prerequisites, Corequisites:

Human physiology is the science of the function of the human body and its systems. In this course, students examine the skeletal, muscular, nervous, endocrine, and metabolic systems. Emphasis is placed on the regulatory mechanisms and integration of the physiological functions provided by these systems.

Prerequisites: KINS 1100

### Learning Outcomes:

Upon successful completion of this course, students will be able to:

- Discuss the different types and classifications of body tissues, with an emphasis on connective tissues;
- Explain the structure and function of body cells and tissues within the musculoskeletal, nervous, and endocrine systems;
- Integrate the homeostatic processes related to the musculoskeletal, nervous, and endocrine systems;
- Recognize key neural pathways that control and regulate movement;
- Identify and compare the major metabolic pathways/body energy systems;
- Explain common pathological consequences of system dysfunction.

**Instructor(s):** TBA

**Office:** TBA

**Phone:** (604) 323-XXXX

**Email:** TBA

**Office Hours:** TBA

### Textbook and Course Materials:

[Textbook selection may vary by instructor. An example of texts and course materials for this course might be:]

"This generic outline is for planning purposes only".

Atlas of Human Anatomy

Marieb, EN and Hoehn, K. "Human Anatomy and Physiology". Pearson. 2019

Tortora, GJ and Derrickson, BH. "Principles of Anatomy and Physiology". Wiley and Sons. USA. 2016.

For textbook information, visit [https://mycampusstore.langara.bc.ca/buy\\_course/Listing.asp?selTerm=3|8](https://mycampusstore.langara.bc.ca/buy_course/Listing.asp?selTerm=3|8)

*Note: This course may use an electronic (online) instructional resource that is located outside of Canada for mandatory graded class work. You may be required to enter personal information, such as your name and email address, to log in to this resource. This means that your personal information could be stored on servers located outside of Canada and may be accessed by U.S. authorities, subject to federal laws. Where possible, you may log in with an email pseudonym as long as you provide the pseudonym to me so I can identify you when reviewing your class work.*

**Assessments and Weighting:**

Final Exam 30%

Other Assessments %

(An example of other assessments might be:) %

Midterm Exam: 30%

Quizzes/Tests: 40%

**Grading System:** Letter grade

Specific grading schemes will be detailed in each course section outline.

Passing grade: D

**Topics Covered:**

[Topics covered may vary by instructor. An example of topics covered might be:]

Body Organization

Histology

Metabolism

Bone Physiology

Muscle Physiology

Central and Peripheral Nervous Systems

Endocrinology

As a student at Langara, you are responsible for familiarizing yourself and complying with the following policies:

**College Policies:**

[E1003 - Student Code of Conduct](#)

[F1004 - Code of Academic Conduct](#)

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[E2008 - Academic Standing - Academic Probation and Academic Suspension](#)

[E2006 - Appeal of Final Grade](#)

[F1002 - Concerns about Instruction](#)

[E2011 - Withdrawal from Courses](#)

**Departmental/Course Policies:**

“This generic outline is for planning purposes only”.