DIVISION OF APPLIED SCIENCE & MANAGEMENT School of Science Winter, 2018



COURSE OUTLINE KINE 100 Kinesiology 3 Credits

PREPARED BY: Liris Smith APPROVED BY: Margaret Dumkee APPROVED BY ACADEMIC COUNCIL: (date) RENEWED BY ACADEMIC COUNCIL: (date) DATE: October 9, 2017

DATE: December 20, 2017





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INSTRUCTOR: Liris Smith	OFFICE HOURS: by pre-arrangement
OFFICE LOCATION: n/a	CLASSROOM: A2402
E-MAIL: smithco@northwestel.net	TIME: Mondays, 1800-2100
TELEPHONE: 867-668-8887 (Science office)	DATES: Jan 8-April 14 th , 2018

To make up for statutory holidays that fall on originally scheduled class time/date, the instructor will work with students to establish an alternative class time/date and communicate this via Moodle and student e-mail.

COURSE DESCRIPTION

This course introduces students to the physiology of the human body. Students examine the mechanisms of body function, organized around the central theme of homeostasis - how the body meets changing demands while maintaining the internal constancy necessary for all cells and organs to function. Course content focuses on cell physiology, nervous system, musculoskeletal system, digestive system, lymphatic, respiratory system, endocrine, and circulatory systems.

PREREQUISITES

None

RELATED COURSE REQUIREMENTS

EQUIVALENCY OR TRANSFERABILITY

UBC No equivalent course UVIC P. E. 100L (1.5) UAS No equivalent course UNBC Unsp 100L LEARNING OUTCOMES SFU Kine 205 (3) UAF PE Elec. (n) (3) UR No equivalent course Upon successful completion of the course, students will be able to

- have developed an understanding of the fundamental physiological processes of homeostasis, cell physiology, nervous system, musculoskeletal system, urinary system, digestive system, respiratory system, circulatory and immune system.
- developed and understanding of the structure and function of the primary body systems indicated.
- have strengthened their research and writing skills using available sources in the library as well as on the internet.
- have developed a curiosity and wonder of the complexity of the human body and the confidence to continue learning and questioning.
- have demonstrated self-direction and initiative in their learning.

COURSE FORMAT

The class format will consist of lectures, and class discussion. Students are also expected to participate in some lab/activity sessions.

ASSESSMENTS

Attendance & Participation

Attendance is mandatory. A student may be dismissed from a course if more than 10% of the scheduled contact hours are missed in any one course. Dismissal from a course may result in loss of full-time status and/or loss of sponsorship funding.

Assignments

Each Student will write a 8 (max) page paper titled "The Physiological Effects of <u>(put your topic in this blank)</u> on <u>(list two systems in this blank)</u>" This paper will be due by March 26, 2018.

All papers require use of APA references guidelines, available in Yukon College library.

Further information on topic selection will be made available

Tests

Both midterm and final exams will consist of multiple choice, matching, true/false and short answer questions. The weekly quizzes will assist students in preparing for the midterm and final exam.

EVALUATION

quizzes	15%
Assignments	20%
Midterm Exam	25%
Participation	10%
Final Exam	30%
Total	100%

REQUIRED TEXTBOOKS AND MATERIALS

Introduction to the Human Body, 11th Edition (9th or 10th edition also OK) Tortora, Gerard and Derrickson, Bryan December 2014, ©2015 John Wiley and Sons, Inc

ACADEMIC AND STUDENT CONDUCT

Information on academic standing and student rights and responsibilities can be found in the current Academic Regulations that are posted on the Student Services/ Admissions & Registration web page.

PLAGIARISM

Plagiarism is a serious academic offence. Plagiarism occurs when students present the words of someone else as their own. Plagiarism can be the deliberate use of a whole piece of another person's writing, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material. Whenever the words, research or ideas of others are directly quoted or paraphrased, they must be documented according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Resubmitting a paper which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in dismissal from a program of study or the College.

YUKON FIRST NATIONS CORE COMPETENCY

Yukon College recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, to graduate from ANY Yukon College program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see www.yukoncollege.yk.ca/yfnccr.

ACADEMIC ACCOMMODATION

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon College Academic Regulations (available on the Yukon College website). It is the student's responsibility to seek these accommodations. If a student requires an academic accommodation, he/she should contact the Learning Assistance Centre (LAC) at (867) 668-8785 or lassist@yukoncollege.yk.ca.

THE LORENE ROBERTSON WRITING CENTRE

All students are encouraged to make the Writing Centre a regular part of the writing process for coursework. The Lorene Robertson Writing Centre is staffed by helpful writing coaches from across the College and offers one-on-one appointments to students in need of writing support.

The Lorene Robertson Writing Centre can help you:

- Get started on an assignment and focus your ideas
- Outline and plan your assignment
- Write clearly, logically and effectively
- Address specific needs and writing problems
- Revise the first and final drafts of your project
- Gain confidence in your writing

For in-person appointments, the Centre coaching office is located in the Academic Support Centre in room A2302. You can also participate in coaching appointments over the phone or online. see the Academic Support Centre schedule for English and writing support times.

TOPIC OUTLINE

DATE	CLASS CONTENT	Chapter in Text
January 8	Introduction	Chapter 1
	Homeostasis	Chapter 2
	Chemistry	
January 15	Cells	Chapter 3
	Tissues	Chapter 4
January 22	Skin/Integumentary	Chapter 5
	Skeletal System	Chapter 6
January 29	Joints	Chapter 7
	Muscular physio,	Chapter 8
	Anatomy	
Feb 5	Muscle Anatomy,	Chapter 8
	Neurophysiology	Chapter 9
Feb 12	Central NS	Chapter 10
	PNS, Autonomic NS	Chapter 11
Feb 19-23	Reading week	
Feb 26	Midterm	
Mar 5	Exam review, Special	Chapter 12
	senses, Endocrine	Chapter 13
Mar 12	Blood, Heart	Chapter 14
	Lab on blood groups	Chapter 15
Mar 19	CV system, lymphatics	Chapter 16
	Immunity	Chapter 17
Mar 26	Respiratory system	Chapter 18
	Digestive	Chapter 19
April 2	No class - Easter	
April 9	Digestive, paper pres	Chapter 19,20
	Urinary, paper pres	Chapter 21
April 11	Urinary, paper pres,	Chapter 21
	review	
ТВА	Final Exam	

There will be a short quiz at the beginning of each class, starting Jan 15th. If you are absent, you only have until the next class to write it, as quizzes will be handed back.