



Course Outline

UNIVERSITY STUDIES

PEDS 103

Integrated Human Physiology

Winter, 2013

**3 CREDITS
3 HOURS PER WEEK**

INSTRUCTOR: Anna Brake

INSTRUCTOR: Anna Brake
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E-MAIL: anna.brake@keyano.ca
OFFICE NUMBER: S213E

OFFICE HOURS:

Monday 5:00 – 5:50 pm
Thursday 4:30 – 5:30 pm

HOURS OF INSTRUCTION:

Monday 6:30 – 9:30 pm

COURSE DESCRIPTION:

Focuses on the regulation, control, and integration of cellular functions in the human body with special emphasis on systems that respond to exercise stress. Prerequisite: PEDS 101

COURSE OUTCOMES:

Students will be able to:

1. Acquire knowledge about the basic structure-function relationships that exist within the human body and the regulation of these physiological processes.
2. Understand the principles and mechanisms of human physiology.
3. Learn the responses to acute and chronic exercise stresses that are studied.

TEXT(S)/MATERIALS REQUIRED:

Principles of Human Physiology. 4th Edition, San Francisco: Pearson. Germann, W.J., and Stanfield, Cindy L. (2009).

EVALUATION:

Tests	20%	
	20%	
	20%	
Assignment	10%	Reproductive System
Final	30%	

TOPICS TO BE COVERED:

Please Note:

This course outline may be modified to facilitate unforeseen time constraints. Date and time allotted to each topic is subject to change.

Class Schedule

Week 1 & 2	Chapter 14 – Cardiovascular System – Blood Vessels, Blood Flow, Blood Pressure
Week 3	Chapter 9 – Nervous System: Central Nervous System
Week 4	Chapter 10 – Nervous System: Sensory Systems
Week 5	Chapter 11 – Nervous System: Autonomic and Motor Systems
Week 6	Chapter 16 - Respiratory System: Pulmonary Ventilation
Week 7	Chapter 17 – Respiratory System: Control of breathing
Week 8	Chapter 18 – Urinary System: Renal Function
Week 9	Chapter 19 – Urinary System: Fluid and Electrolyte Balance
Week 10	Chapter 20 – Gastrointestinal System
Week 11	Chapter 21 – Endocrine System
Week 12	Chapter 23 – Immune System

MOODLE

Go to <http://ilearn.keyano.ca>

This course is supported through Moodle. Assignments, readings and handouts will be posted on Moodle. Login information will be provided by your instructor. For further instructions please see the Moodle handout.

GRADING SYSTEM:

Letter Grade	Description	Grade Points
A+		4
A	Excellent	4
A-		3.7
B+		3.3
B	Good	3
B-		2.7
C+		2.3
C	Satisfactory	2
C-		1.7
D+		1.3
D	Minimal Pass	1
F	Failure	0

Students intending to transfer to other institutions require a ‘C-’ as a minimum grade. Transfer information on each course is available at the [Alberta Council on Admission and Transfers](#).

Students who do not complete all the required work should not expect to pass the course. Students should consult:

http://www.keyano.ca/current_students/examinations/index.htm

IMPORTANT DATES:

January 18, 2013	Courses dropped after this date will be designated “W”. (A withdrawal (W) is not reflected in your GPA)
January 28, 2013	1 st Mid-term examination (tentative)
March 1, 2013	Courses dropped after this date will be designated “WF”. (A withdrawal failure (WF) counts as a 0 in your GPA)
March 4, 2013	2 nd Mid-term examination (tentative) Assignment due
March 25, 2013	3 rd Mid-term examination (tentative)
April 19, 2013	Last day of classes
April 22-30	Final Exams

COLLEGE POLICIES

Equality, Equity and Respect

The Keyano College is committed to providing an environment of equality, equity and respect for all people within the College community. All members of this community are considered partners in developing teaching and learning contexts that are welcoming to all. Faculty, staff, and students are encouraged to use inclusive language to create a classroom atmosphere in which students' experiences and views are treated with equal respect and valued in relation to their gender, ethnic and cultural background, and sexual orientation.

Students should consult:

http://www.keyano.ca/Committees/IRA/Individual_Rights_Policy.asp

Plagiarism and Cheating

Every student expects to be treated and evaluated fairly in a course. Plagiarism and cheating robs everyone of this right.

No student may submit words, ideas or data of another student or person as his or her own in any writing, project, assignment, quiz, electronic presentation, exam etc. Any work used that is not the student's own must be clearly cited as belonging to someone else. There are penalties for using other's work and not citing it. The Student's Rights & Responsibilities document clearly outlines these penalties and the appeal process.

- No learner can obtain information from another student during an exam.
- No learner can bring unauthorized information (paper or electronic) into an exam or quiz.
- No student can submit work done in another course for grading in this course without the written prior approval of the course instructor.
- No student can submit copyright protected or commercially produced materials as part or all of an assignment without proper citation & permission.

Student Rights & Responsibilities

Students should consult the Keyano College Credit Calendar or online at:

<http://www.keyano.ca/Media/Collections/Calendars/Keyano.Calendar1112-10-full.pdf>

Specialized Supports and Duty to Accommodate

Disability Support Services: Learner Assistance Program

If you have a documented disability or you think that you would benefit from some assistance from a Disabilities Counsellor, please call or visit the Disability Supports Office 780-792-5608 to book an appointment (across from the library). Services and accommodations are intended to assist you in your program of study, while maintaining the academic standards of Keyano College. We can be of assistance to you in disclosing your disability to your instructor, providing accommodations, and supporting your overall success at Keyano College.

Specialized Supports and Duty to Accommodate

Specialized Support and Duty to Accommodate are aligned with the office of Disability Support Services: Learner Assistance Program (LAP) guided by federal and provincial human rights legislation, and defined by a number of Keyano College policies. Keyano College is obligated by legislation to provide disability-related accommodations to students with identified disabilities to the point of undue hardship.

