



Grande Prairie Regional College

Department of Physical Education, Athletics & Kinesiology

COURSE OUTLINE – FALL 2009

PZ 1500 YA2 Elementary Physiology I

3 (3-0-0) UT [45 hours]

Instructor:	Jody Virr	Phone:	(780) 539-2893
Office:	K217	E-mail:	jvirr@gprc.ab.ca
Hours:	Drop in or by Appointment	Class Times:	Tuesday & Thursday 1:00 p.m. – 2:20 p.m., J229

Course Description:

This is an introductory course in physiology for the health sciences. It is available only to students in the Nursing program. The first semester of this course covers fundamental concepts in physiology. Some of the topics covered will require extra reading / study by the students.

Course Objectives:

At the conclusion of the course the student will be able to:

1. Understand basic physiological concepts and processes.
2. Define basic structure-function relationships that exist within the human body.
3. Describe the regulation of various physiological systems that comprise the human body.

Textbook:

Silverthorn, D. U. (2009). *Human Physiology: An Integrated Approach (5th ed.)*. San Francisco, CA: Benjamin Cummings.

Class notes for PE 1500 will be posted on Moodle.

Delivery Mode:

Lecture

Transferability:

UA, UC, AU, AF, Other

Evaluation:

Test #1	Sept. 29	20%
Fall Final Exam	Oct. 22	30%
Test #2	Jan. 26	20%
Winter Final Exam	Feb. 18	30%
Total		100%

Department of Physical Education, Athletics & Kinesiology**Grading Conversion Chart**

Alpha Grade	4-point Equivalent	Designation
A+	4.0	EXCELLENT
A	4.0	
A-	3.7	FIRST CLASS STANDING
B+	3.3	
B	3.0	GOOD
B-	2.7	
C+	2.3	SATISFACTORY
C	2.0	
C-	1.7	
D+	1.3	MINIMAL PASS
D	1.0	
F	0.0	FAIL
WF	0.0	FAIL, withdrawal after the deadline

Evaluation will be completed and expressed in raw marks (%) throughout the course. Grades (using the letter grading system) will be assigned only to the final distribution of mark totals for the course. Such assignment will be based on a combination of absolute achievement and relative performance in the class.

Attendance will not be monitored during the lectures. Students are responsible for all material assigned or presented.

Statement on Plagiarism and Cheating:

Please refer to pages 49-50 of the 2009-2010 College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

Lecture Schedule YA2:

Date	PZ1500 Fall Schedule	Readings
Sept. 3	Introduction to Physiology	Ch. 1
Sept. 8, 10, 15	Cell Physiology	Ch. 3, 4, 5
Sept. 17, 22, 24	Endocrine System	Ch. 7
Sept. 29	Test #1	
Oct. 1, 6	Neurons	Ch. 8
Oct. 8	Autonomic & Somatic control	Ch. 11
Oct. 12	Thanksgiving Day	
Oct. 13	Autonomic & Somatic control continued	
Oct. 15, 20	Muscle Physiology	Ch. 12
Oct. 22	Fall Final Exam	
PZ1500 Winter Schedule		
Jan. 5, 7	Neural Integration & Central Nervous System	Ch. 8 & 9
Jan. 12, 14, 19	Sensory Physiology	Ch. 10
Jan 21	Cardiovascular System	Ch. 14
Jan. 26	Test #2	
Jan 28, Feb 2	Cardiovascular System	Ch. 15
Feb 4, 9	Cardiovascular System	Ch. 16
Feb. 11	Reproduction	Ch. 26
Feb. 15	Family Day	
Feb. 16	Reproduction	
Feb. 18	Winter Final Exam	