



DEPARTMENT OF PHYSICAL EDUCATION AND KINESIOLOGY

COURSE OUTLINE

PE1030 INTEGRATIVE HUMAN PHYSIOLOGY

INSTRUCTOR: Ray Kardas

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OFFICE: K218

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OFFICE HOURS: Drop in or by Appointment

PREREQUISITE(S)/COREQUISITE: PE1015 Essentials of Human Physiology

REQUIRED TEXT/RESOURCE MATERIALS:

Stanfield, Cindy L. (2011). Principles of Human Physiology, 4th Edition.

San Francisco: Pearson

PE1030 Lab Manual

CALENDAR DESCRIPTION:

The focus of this introductory physiology course is cellular functions in the human body with special emphasis on control and integration of these functions. Whenever possible, the responses and adaptations to exercise will be used as a foundation upon which the concepts of control and integration will be discussed. Some topics from PE1015 (Essentials of Human Physiology) will be revisited to discuss control and integration of cellular and systemic function.

CREDIT/CONTACT HOURS: 3 credits(3-0-1) UT [60 hours]

DELIVERY MODE(S): Lectures, Labs, Seminar Presentations

OBJECTIVES (OPTIONAL):

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

1. Understand the basic structure-function relationships that exist within the human body and the regulation of these physiological processes.
2. Describe the basic principles and mechanisms of human physiology.

3. Explain the control and integration of cellular and systemic function in responses to acute and chronic exercise stress.

TRANSFERABILITY:

U of A, AU*, CUC, AUC, U of L, CU, KUC

*See GPRC Calendar/Transfer Guide

**** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions.**

Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability

GRADING CRITERIA:

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A ⁺	4.0	90 – 100	EXCELLENT
A	4.0	85 – 89	
A ⁻	3.7	80 – 84	FIRST CLASS STANDING
B ⁺	3.3	77 – 79	
B	3.0	73 – 76	GOOD
B ⁻	2.7	70 – 72	
C ⁺	2.3	67 – 69	SATISFACTORY
C	2.0	63 – 66	
C ⁻	1.7	60 – 62	
D ⁺	1.3	55 – 59	MINIMAL PASS
D	1.0	50 – 54	
F	0.0	0 – 49	FAIL
WF	0.0	0	FAIL, withdrawal after the deadline

EVALUATIONS:

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. Final grades will be assigned as per information on p. 42 of the GPRC Admission Guide, 2012-2013.

EXAMINATIONS:

Test #1 February 13	30%
Test #2 March 20	30%
Test #3 April 15	15%
Reproduction Physiology Assignment Due April 15	10%
Final Lab Exam – April 10	15%

STUDENT RESPONSIBILITIES:

Reading the upcoming topic in the textbook BEFORE each lecture will help students understand and keep pace with the flow of lectures.

Questions always arise and it is important for the student to act on them. Ask your questions during class or bring them up at the end of class or send your question(s) via e-mail.

“**Study-buddy**” or study groups are highly recommended. Having someone to discuss the lecture with or review course material has been very helpful to many students.

Attendance will not be monitored during the lectures but will be monitored for the lab portion of the course. **Each absence from the LAB will result in a loss of 2% for the TOTAL LABS MARK** for the course.

Students are responsible for all material assigned or presented.

STATEMENT ON PLAGIARISM AND CHEATING:

Refer to the Student Conduct section of the College Admission Guide at <http://www.gprc.ab.ca/programs/calendar/> or the College Policy on Student Misconduct: Plagiarism and Cheating at www.gprc.ab.ca/about/administration/policies/**

**Note: all Academic and Administrative policies are available on the same page.

COURSE SCHEDULE/TENTATIVE TIMELINE:

Mondays & Wednesday
8:30 a.m. – 9:50 a.m. (D308)
L1 Wed. 2:30 – 3:30 p.m. (J201)

