

GRANDE PRAIRIE REGIONAL COLLEGE
Department of Physical Education and Athletics

PE 1020 ELEMENTARY PHYSIOLOGY
Course Outline 1995-1996 ✓

Course Description: Introduction to human physiology from the cellular to systemic level, with special emphasis on systems which adapt to exercise stress.

Instructor: Ray Kardas

Office: C418

Phone: 539-2990

Lectures: Both Terms MWF 11:00 - 11:50 Room L-106

Labs: 2nd Term L1 M 9:00 - 9:50 Room J-130
L2 W 9:00 - 9:50 Room J-130

Course Objectives:

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

1. Describe the normal physiology of the major systems of the human body.
2. Explain some abnormal physiological occurrences seen in the clinical setting.

Required Textbooks:

Fox SI: Human Physiology, 5th Ed, Times-Mirror Publishing, 1995

Labs: NOTE** Students are required to attend all scheduled lab sessions. 2% of the final mark will be deducted for each absence. The appropriate material should be reviewed by the student prior to the scheduled lab.

Examination and Grading System:

6 Term Tests	$15\% \times 6 = 90\%$
LAB Component	= 10%

Each examination will include all material covered between the time of the previous examination and the subsequent examination. Exam papers will not be returned to students for keeping. However, students are encouraged to review their exams with the instructor during scheduled review times.

Examinations may be comprised of the following types of questions: MC, T/F, fill in the blank, short answer.

NOTE** Please read pg. 27-30 in the College Calendar on policies of academic standing, exams, repeat final examinations, rights and responsibilities, plagiarism and cheating.

Marking Scheme: Marking is on a 9 point scale. The percent equivalencies for PE 1020 only are as follows.

<u>Cumulative Percentage</u>	<u>9 Point Scale</u>
90 - 100	9
80 - 89	8
70 - 79	7
61 - 69	6
56 - 60	5
50 - 55	4 PASS
40 - 49	3
30 - 39	2
0 - 29	1

TENTATIVE COURSE OUTLINE

NOTE** The instructor reserves the right to deviate in any manner from this outline to accommodate students needs.

1st Term

Sept. 8:	Introduction, Homeostasis
Sept. 11 - 22:	Cellular Physiology
Sept. 25 - Oct. 6	Nerve, Synapse, and Muscle
Oct. 9:	THANKSGIVING DAY: NO CLASSES
Oct. 11:	Test #1
Oct. 13 - 27:	The nervous System
Oct. 30 - Nov. 3:	Autonomic Nervous System
Nov. 6 - 17:	Special Senses
Nov. 20:	Test #2
Nov. 22 - Dec. 4:	Endocrinology
Dec. 6:	Test #3

2nd Term

Jan. 5 - 15:	Blood
Jan. 17 - Feb. 2:	Cardiovascular Physiology
Feb. 5:	Test #4
Feb. 7 - 19:	Respiratory Physiology
Feb 21:	Test #5
Feb. 23:	TBA
Feb. 26 - March 1:	WINTER BREAK: NO CLASSES
March 4 - 15:	Renal Physiology; Acid-Base Balance
March 18:	Test #6
March 20 - 29:	Gastrointestinal Physiology
April 1 - 8:	Reproductive Physiology
April 10:	Final Evaluation