

GRANDE PRAIRIE REGIONAL COLLEGE
Department of Physical Education and Athletics

OCT 22 1998

PE 1020 ELEMENTARY PHYSIOLOGY
Course Outline 1998-1999 Y

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 TBA

Labs: 2nd Term L1 M 9:00 - 9:50 Biology Labs
L2 W 9:00 - 9:50 Biology Labs

Course Objectives:

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

Describe the normal physiology of the major systems of the human body.

Required Textbooks:

- (1) Rodney Rhoades, and Richard Pflanzler. *Human Physiology*. 3rd ed. Fort Worth: Saunders College Publishing. 1996.
- (2) Florence C. Ricciuti. *Study Guide to Accompany Human Physiology by Rhoades and Pflanzler*. Fort Worth: Saunders College Publishing. 1996
- (3) Notes for PE 1020
- (4) LAB MANUAL: Available second semester (January 1999).

Labs: NOTE** Students are required to attend lab sessions in the second semester. Failure to do so may lead to an incomplete (INC) for the course. Additionally the Lab session in the second semester will allow for extra time for the study guide requirement of this course.

Examination and Grading System:

8 Term Tests	10% x 8 = 80%
LAB & Study Guide Component	= 10%
Reproductive Physiology	= 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. 22-25 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.

	Sept. 2	Introduction
pp. 17-26	4	General organization, Body Components, Homeostasis
Ch. 2	9	Chemical & Physical Principles
	11	
Ch. 3 - 6	14	Cellular Physiology
	16	
	18	
	21	
	23	
	25	
	28	TEST #1
Ch. 7 - 11	Sept. 30	Physiology of the Nervous System
	Oct. 2	
	5	
	7	
	9	
	12	Thanksgiving Day: No Classes
	14	
	16	
	19	
	21	
	23	
	26	
	28	TEST #2
Ch. 12 - 15	Oct. 30	Endocrine Physiology
	Nov. 2	
	4	
	6	
	9	
	11	Remembrance Day: No Classes
	13	
	16	TEST #3
Ch. 16	Nov. 18	Muscle Physiology
	20	
	23	
	25	
	27	
	30	
	Dec. 2	
(36)	4	TEST #4
Chs. 17 - 19	Jan. 6	Cardiovascular Physiology

Ch. 28	8	Immunology
	10	
	13	
	15	
	18	
	20	
	22	
	25	
	27	
	29	
	Feb. 1	TEST #5
Chs. 20 - 22	Feb. 3	Respiratory Physiology
	5	and Physiology of GI Tract
	8	
	10	
	12	
	15	Don Getty's Holiday: No Classes
	17	TEST #6
	19	TBA
	Feb. 22 - 26	Winter Break: No Classes
Chs. 23- 27	Mar. 1	Gastrointestinal Physiology
	3	
	5	
	8	Renal Physiology
	10	
	12	
	15	Acid/Base Physiology
Ch. 29	22	
	24	
	26	
Ch. 30	29	Bysyntactic System and Immunity
	31	
	Apr. 2	Good Friday: No Classes
Ch. 31	Apr. 5	
	7	
	9	Physiology of Exercise
	12	
	14	
	16	Test #8

Note: The Lab Schedule will be distributed in January, 1999.