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**Note: posting instructional personal notes or slides before or after classes is at discretion of your instructor.*

PREREQUISITE(S)/COREQUISITE: N/A

REQUIRED TEXT/RESOURCE MATERIALS:

Stanfield, Cindy L. (2017). Principles of Human Physiology. 6th Edition, San Francisco: Pearson.

COURSE OBJECTIVES:

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

LEARNING OUTCOMES:

Upon successful completion of this course the student should be able to:

- Demonstrate an in-depth understanding of the main principles of the neurophysiology, muscle; cardiovascular, respiratory and neuroendocrine systems;
- Demonstrate an understanding of and be able to identify how changes in normal physiology lead to disease;
- Demonstrate the capacity to integrate information from different sources (biology, chemistry and physics) and effectively communicate this both verbally and in writing;

COURSE SCHEDULE/TENTATIVE TIMELINE:

Tuesdays and Thursdays: A2- 08:30 to 09:50 / B2- 16:00 to 17:20

PE1015 ESSENTIALS OF HUMAN PHYSIOLOGY 2021 SCHEDULE (Tentative)			
TUESDAYS	TOPIC	THURSDAYS	TOPIC
31/Aug/21	No Classes	2/Sep/21	Course Presentation
7/Sep/21	Introduction to Physiology (1)	9/Sep/21	Introduction to Physiology (1)
14/Sep/21	Cell: Structure and Function (2)	16/Sep/21	Cell: Structure and Function (2)
21/Sep/21	Cell: Structure and Function (2)	23/Sep/21	Cell: Structure and Function (2)
28/Sep/21	Cell Metabolism (3)	30/Sep/21	Cell Metabolism (3)
5/Oct/21	Cell Metabolism (3)	7/Oct/21	Cell Metabolism (3)
12/Oct/21	FALL BREAK	14/Oct/21	FALL BREAK
19/Oct/21	Review / Activity	21/Oct/21	TEST I
26/Oct/21	Cell Membrane Transport (4)	28/Oct/21	Cell Membrane Transport (4)
2/Nov/21	Chemical Messengers (5)	4/Nov/21	Endocrine System (6)
9/Nov/21	Nervous System (7)	11/Nov/21	Nervous System (8)
16/Nov/21	Nervous System (9)	18/Nov/21	Nervous System (11)
23/Nov/21	Muscle Physiology (12)	25/Nov/21	Muscle Physiology (12)
30/Nov/21	Review / Activity	2/Dec/21	TEST II
7/Dec/21	Cardiorespiratory System (overview)	9/Dec/21	Review / Activity
14/Dec/21	Exam Period	16/Dec/21	Exam Period

**Note: Some of these dates may vary to facilitate student learning*

EVALUATION:

10%	Coursework / Review Activities
25%	TEST 1
25%	TEST 2
40%	FINAL EXAM
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100%	Total

GRADING CRITERIA: The following criteria may be changed to suite the particular course/instructor:

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**. This means **DO NOT GET LESS THAN “C-” IF YOU ARE PLANNING TO TRANSFER TO A UNIVERSITY.**

Alpha Grade	4-point Equivalent	Percentage Guidelines		Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	90-100		C+	2.3	67-69
A	4.0	85-89		C	2.0	63-66
A-	3.7	80-84		C-	1.7	60-62
B+	3.3	77-79		D+	1.3	55-59
B	3.0	73-76		D	1.0	50-54
B-	2.7	70-72		F	0.0	00-49

STUDENT RESPONSIBILITIES:

Refer to the College Policy on Student Rights and Responsibilities on the GPRC website.

STATEMENT ON PLAGIARISM AND CHEATING:

Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, 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.*

UNIVERSITY TRANSFER (If applicable):

**** 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.**

Please refer to the Alberta Transfer guide for current transfer agreements:

www.transferalberta.ca