



**DEPARTMENT OF PHYSICAL EDUCATION AND KINESIOLOGY**

**COURSE OUTLINE – FALL 2015**

**PE1000: STRUCTURAL ANATOMY A2/B2 3 credit (3-0-2) UT 75 HRS.**

**INSTRUCTOR:** Ray Kardas

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**OFFICE:** K214

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**OFFICE HOURS:** TBA

**DELIVERY MODE(S):** The course work includes lectures including multimedia class discussions, group work-in lab sessions; in-class exercises and online practice exercises.

**PREREQUISITE(S)/COREQUISITE:** None

**REQUIRED TEXT/RESOURCE MATERIALS:**

Required for lecture component:

Gilroy, Anne M. (2013). Anatomy: An Essential Textbook. New York: Thieme Medical Publishers.

Required for lab component:

Biel, Andrew. (2014). Trail Guide to the Body 5th ed. Boulder: Books of Discovery.

Biel, Andrew. (2014). Student Workbook for Trail Guide to the Body. 5th ed. Boulder: Books of Discovery.

**CALENDAR DESCRIPTION:**

Introductory study of human anatomy. Students learn structural and functional components of selected systems of the human body.

**LEARNING OUTCOMES:**

After completing PE1000, students will be able to:

- Understand and utilize the basic language of human anatomy,

- Apply standard anatomical terms and concepts for the purpose of identification, communication and critical reading of relevant anatomical (medical) literature,
- Analyze and discuss the gross (macroscopic) and histology (microscopic) anatomy (and relevant functions) of the tissues, organs and systems of the human body, and
- Develop and apply a systematic logical thinking process to help the student work through understanding the structure and function of the human body.

### **COURSE OBJECTIVES:**

- Use and understand the anatomical terminology favoured by professionals in the health-related fields,
- Describe the major characteristics of the various systems that comprise the human body, and
- Know the structural importance of anatomy to the functioning of the human body.

### **COURSE SCHEDULE/TENTATIVE TIMELINE:**

#### A. Lecture Component:

The course examines the anatomy of the body by way of a system AND regional approach:

**Weeks 1-6 (September 2 – October 9)** will examine the systems that comprise the following information and regions:

- Introduction to Anatomic Systems and Terminology
- Back
- Thorax
- Abdomen
- Pelvis and Perineum

**Weeks 7-13 (October 15 – December 4)** will examine the systems that comprise the following information and regions:

- Upper Limb
- Lower Limb
- Head and Neck

#### B. Laboratory Component:

Students shall attend ALL labs and must dress in gym attire: i.e. loose fitting shirts, shorts and sweats, gym shoes and socks. Students must attend the lab section for which they registered as the sequence is different for Lab A and Lab B.

**Lab A2: Tuesdays, 12:00-1:50 pm (13 labs)**

Sept. 8: Introduction and Navigating the Body  
 Sept. 15: Introduction and Navigating the Body  
 Sept. 22: Shoulder and Arm  
 Sept. 29: Shoulder and Arm, Forearm and Hand  
 Oct. 6: Forearm and Hand  
 Oct. 13: **Lab Mid-term (20% of course)**  
 Oct. 20: Spine and Thorax  
 Oct. 27: Head, Neck and Face  
 Nov. 3: Pelvis and Thigh  
 Nov. 10: Pelvis and Thigh  
 Nov. 17: Leg and Foot  
 Nov 24: Leg and Foot  
 Dec. 1: Lab Final (20% of course)

**Lab B2: Thursdays, 12:00 – 1:50 pm (13 labs)**

Sept. 3: Introduction and Navigating the Body  
 Sept. 10: (same)  
 Sept. 17: Shoulder and Arm  
 Sept. 24: Shoulder and Arm, Forearm and Hand  
 Oct. 1: Forearm and Hand  
 Oct. 8: Spine and Thorax  
 Oct. 15: **Lab Mid-term (20% of course)**  
 Oct. 22: Head, Neck and Face  
 Oct. 29: Pelvis and Thigh  
 Nov. 5: Pelvis and Thigh  
 Nov. 12: **Fall Break**  
 Nov. 18: Leg and Foot  
 Nov. 26: Leg and Foot  
 Dec. 3: Lab Final (20% of course)

**EVALUATIONS:**

## A. For the Lecture/Theory Component:

Mid-term (Both A2 and B2 sections)	30%
Final Exam (in exam schedule for both A2 and B2 sections)	30%

## B. For the Laboratory Components

Mid-term Lab Exam:	A2: October 13	20%
	B2: October 15	20%
Final Lab Exams:	A2: December 1	20%
	B2: December 3	20%

**GRADING CRITERIA:**

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A <sup>+</sup>	4.0	90 – 100	EXCELLENT
A	4.0	85 – 89	
A <sup>-</sup>	3.7	80 – 84	FIRST CLASS STANDING
B <sup>+</sup>	3.3	77 – 79	
B	3.0	73 – 76	GOOD
B <sup>-</sup>	2.7	70 – 72	
C <sup>+</sup>	2.3	67 – 69	SATISFACTORY
C	2.0	63 – 66	
C <sup>-</sup>	1.7	60 – 62	
D <sup>+</sup>	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

**STUDENT RESPONSIBILITIES:**

Refer to the College Policy on Student Rights and Responsibilities at  
[www.gprc.ab.ca/d/STUDENTRIGHTSRESPONSIBILITIES](http://www.gprc.ab.ca/d/STUDENTRIGHTSRESPONSIBILITIES)

**STATEMENT ON PLAGIARISM AND CHEATING:**

Refer to the College Student Misconduct: Academic and Non-Academic Policy at  
[www.gprc.ab.ca/d/STUDENTMISCONDUCT](http://www.gprc.ab.ca/d/STUDENTMISCONDUCT)

\*\*Note: all Academic and Administrative policies are available at  
[www.gprc.ab.ca/about/administration/policies/](http://www.gprc.ab.ca/about/administration/policies/)

***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](http://www.transferalberta.ca)