



DEPARTMENT OF PHYSICAL EDUCATION AND KINESIOLOGY

COURSE OUTLINE – FALL 2021

PE1000 A2: STRUCTURAL ANATOMY 3 credit (3-0-2) UT 75 HRS, 15 WKS.

Grande Prairie Regional College respectfully acknowledges that we are located on Treaty 8 territory, the traditional homeland and gathering place for many diverse Indigenous peoples. We are honoured to be on the ancestral lands of the Cree, Dene/Beaver and Métis, whose histories, languages, and cultures continue to influence our vibrant community. We are grateful to have the opportunity to work, learn, and live on this land.

INSTRUCTOR: Fabio Minozzo **EMAIL:** fminozzo@gprc.ab.ca
CO-INSTRUCTOR: Alexander Villafranca **EMAIL:** avillafranca@gprc.ab.ca

OFFICE HOURS: Drop in or by appointment

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

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

FALL 2021 DELIVERY: High-flex Delivery. Students can attend lectures either in person or online via zoom. All labs will be **in person, whereas all exams should be written **online**. All students must have a computer with a webcam and reliable internet connection. Technological support is available through helpdesk@gprc.ab.ca.*

POLICY ON THE RECORDING OF TEACHING ACTIVITIES: Students may not record classroom activities (such as lectures, group activities, 3rd party presentations, etc.) without instructor's consent. This policy is set to protect the privacy and reputation of students, to uphold the copyrights of the instructor and other content creators, and to facilitate free and open discussion of ideas. The classroom is meant to be a psychologically safe environment, where students are free to explore and think through new and controversial ideas without fear of public repercussions. Recording lectures can undermine this goal. If permission to record an activity is granted, the recorded material can only be used for the student's own private use and is not to be posted online or otherwise distributed. Students will be notified in advance by the instructor when someone has been granted permission to record a classroom activity. Students will also be given the option of being excused from actively participating in recorded activities. In the case of student presentations, the recording student must show proof that the presenting student(s) have agreed to be recorded before the instructor will grant permission.

POLICY ON INSTRUCTIONAL RESOURCES AND MATERIALS: Any course resource/material should be properly used: the content created by your instructor is his/her intellectual property and is provided to you based upon your registration for this class; as such, the material is for your private use only. It is not to be distributed, publicly exhibited, or sold without the permission of the instructor. Third party materials (such as assigned readings, videos, et cetera) have either been licensed for use in this course or fall under an exception or limitation in Canadian Copyright law.

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

PREREQUISITE(S)/COREQUISITE: None

REQUIRED TEXT/RESOURCE MATERIALS:

Required for lecture component:

Martini, F.H., Ober, W.C., Bartholomew, E.F., and Nath, J.L. (2013). Visual Essentials of Anatomy and Physiology. Boston: Pearson.

Required lab component:

Marieb, E.N. (2018). Essentials of Human Anatomy and Physiology, 7e. Boston: Pearson.

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,
- Know the structural importance of anatomy to the functioning 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,
- Develop and apply a systematic logical thinking process to help the student work through understanding the structure and function of the human body.

COURSE SCHEDULE TENTATIVE TIMELINE:

Lectures:

Monday and Wednesdays: 10:00 – 11:20

Labs:

L1 – Fridays: 08:30 – 10:20

L2 – Thursdays: 11:30 – 13:20

PE1000 STRUCTURAL ANATOMY FALL 2021 SCHEDULE (Tentative)							
LECTURE COMPONENT				LABORATORY COMPONENT			
Mondays	TOPIC	Wednesdays	TOPIC	Tuesdays (L2)	TOPIC	Fridays (L1)	TOPIC
30/Aug/21	no classes	1/Sep/21	Course presentation	2/Sep/21	no labs	3/Sep/21	no labs
6/Sep/21	Labor day	8/Sep/21	introduction	9/Sep/21	1-Anatomic Terminology	10/Sep/21	1-Anatomic Terminology
13/Sep/21	Cells and Tissues	15/Sep/21	Cells and Tissues	16/Sep/21	2-Skeletal System	17/Sep/21	2-Skeletal System
20/Sep/21	Review Assignment	22/Sep/21	EXAM 1	23/Sep/21	3-Skeletal System	24/Sep/21	3-Skeletal System
27/Sep/21	Skeletal System	29/Sep/21	Skeletal System	30/Sep/21	4-Skeletal System	1/Oct/21	4-Skeletal System
4/Oct/21	Skeletal System	6/Oct/21	Skeletal System	7/Oct/21	5-Skeletal System	8/Oct/21	5-Skeletal System
11/Oct/21	Thanksgiving	13/Oct/21	Fall Break	14/Oct/21	Fall Break	15/Oct/21	Fall Break
18/Oct/21	Muscular System	20/Oct/21	Muscular System	21/Oct/21	LAB TEST 1	22/Oct/21	LAB TEST 1
25/Oct/21	Muscular System	27/Oct/21	Muscular System	28/Oct/21	6-Tendons and Ligaments	29/Oct/21	6-Tendons and Ligaments
1/Nov/21	Review Assignment	3/Nov/21	EXAM 2	4/Nov/21	7-Muscular System	5/Nov/21	7-Muscular System
8/Nov/21	Central Nervous System	10/Nov/21	Central Nervous System	11/Nov/21	8-Muscular System	12/Nov/21	8-Muscular System
15/Nov/21	Periph. & Aut. Nerv. Sys.	17/Nov/21	Periph. & Aut. Nerv. Sys.	18/Nov/21	9-Muscular System	19/Nov/21	9-Muscular System
22/Nov/21	Cardiovascular system	24/Nov/21	Cardiovascular system	25/Nov/21	10- Nervous System	26/Nov/21	10- Nervous System
29/Nov/21	Respiratory System	1/Dec/21	Digestive System	2/Dec/21	LAB TEST 2	3/Dec/21	LAB TEST 2
6/Dec/21	Urinary System	8/Dec/21	Lymphatic System	9/Dec/21	no labs	10/Dec/21	no labs

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

EVALUATION:

ASSIGNMENT:	10%
LABS	10%
EXAM 1	10%
EXAM 2	15%
LAB TEST I	10%
LAB TEST II	15%
FINAL EXAM	30%
TOTAL	100%

**Note: Laboratory Component: Students shall attend ALL LABS and, when necessary for the purpose of the LAB, 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 L1 and L2. Each absence from the LAB will result in a 10% reduction for the total lab component.*

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:

Refer to the College Student Misconduct: Academic and Non-Academic Policy on the GPRC website.

**Note: all Academic and Administrative policies are available at 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.transferralberta.ca