

DEPARTMENT OF PHYSICAL EDUCATION AND KINESIOLOGY

COURSE OUTLINE – SPRING 2024

PE1000 (EC): STRUCTURAL ANATOMY 3 credit (3-0-2) UT 75 HRS.

Northwestern Polytechnic acknowledges that our campuses are located on Treaty 8 territory, the ancestral and present-day home to many diverse First Nations, Metis, and Inuit people. We are grateful to work, live and learn on the traditional territory of Duncan's First Nation, Horse Lake First Nation, and Sturgeon Lake Cree Nation, who are the original caretakers of this land.

We acknowledge the history of this land, and we are thankful for the opportunity to walk together in friendship, where we will encourage and promote positive change for present and future generations.

INSTRUCTOR: Fabio Minozzo

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PHONE: 780-539-2058

OFFICE: K219

OFFICE HOURS: Please schedule by email.

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

DELIVERY MODE(S): Remote/online asynchronous: a variety of methodologies will be employed including guided readings and videos, online discussion, assignments, and quizzes. To attend this course 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 the 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.

PREREQUISITE(S)/COREQUISITE: None

REQUIRED TEXT/RESOURCE MATERIALS:

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

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:

The course is composed of three Modules: Module 1 – Introduction to Anatomy, Module 2 – The Musculoskeletal System, and Module 3 – The Organ Systems. Despite being an asynchronous course, students must follow the order of the modules (i.e., M1, M2, and M3); for instance, students will only be able to access “Module 2” after successfully completing “Module 1”, whereas more flexibility is provided within each module. They must also commit to three fixed deadlines. Module 1 should be completed by May 20th, 2024, at 8:00 AM. Module 2 is due by June 10th at 8:00 AM, and Module 3 by June 28th at 8:00 AM (**see table below**). Students must pay attention to the deadlines, but it is strongly advisable not to wait until the deadline to finish a module. Although modules were not designed to be completed in one sitting, most students should be able to finish them a few days before their deadlines. The idea is to have extra time to allow students to review within the modules and also to ask questions. However, if a student misses one module deadline, he or she will automatically fail. **All three modules must be completed by June 28th**; after this date, students who have not passed or finished all three modules will automatically fail the course. Finally, the instructor might adjust those dates to facilitate learning.

Please note that all three module quizzes **MUST BE WRITTEN** at an **accredited testing center** before each deadline. It is the student's responsibility to find a testing center and request the testing center to communicate with the instructor so that the instructor can enable your exam. It is strongly recommended that the student ensure those accommodations are made well ahead of time (ideally at the beginning of the course). Additionally, please certify that your testing center communicates with your instructor. The deadline for this communication is at least 72 hours (3 days) before the end-of-module deadline.

Deadlines	Date	Time
Booking module Quiz 1	May 17th	8:00 AM
Module 1	May 20th	8:00 AM
Booking module Quiz 2	June 07th	8:00 AM
Module 2	June 10th	8:00 AM
Booking module Quiz 3	June 25th	8:00 AM
Module 3	June 28th	8:00 AM

EVALUATION:

Module Quiz 1	30%	90%
Module Quiz 2	30%	
Module Quiz 3	30%	
All "CYKs"	10%	10%
	100%	100%

**Note: Each module is worth 1/3 of the final grade. Within each module, there are "CYKs" (10%) and the "Module Quiz" (90%). Students are encouraged to take the CYKs as many times as they want and review all assignments and activities before attempting the Module Quiz. Students will only be allowed to attempt each Module Quiz once.*

GRADING CRITERIA:

Alpha Grade	4-point Equivalent	Percentage Guidelines	Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	95-100	C+	2.3	67-69
A	4.0	85-94	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

TRANSFERABILITY:

Please consult the Alberta Transfer Guide for more information. You may check to ensure the transferability of this course at the Alberta Transfer Guide main page <http://www.transferalberta.ca>.

**** 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**

STUDENT RESPONSIBILITIES:

Refer to the Polytechnic Policy on Student Rights and Responsibilities on the NWP website.

STATEMENT ON ACADEMIC MISCONDUCT:

Academic Misconduct will not be tolerated. For a more precise definition of academic misconduct and its consequences, refer to the Student Rights and Responsibilities policy available at <https://www.nwpolytech.ca/about/administration/policies/index.html>.

****Note: all Academic and Administrative policies are available on the same page.**