

McGill University
Department of Kinesiology and Physical Education

**COURSE OUTLINE, FALL 2022
ANATOMY AND PHYSIOLOGY
EDKP 293-001**

INSTRUCTOR:

Marcos Rodrigues, PT, MSc
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OFFICE HOURS: Please contact the instructor by email to arrange for office hours.

CLASS SCHEDULE: Tuesday and Thursday - 11:35 - 12:55

CLASS LOCALE: Currie Gymnasium

COURSE DESCRIPTION:

This course provides the necessary understanding of the structure and function of the human body, as required for subsequent course work and future design and delivery of strategic physical education programmes. Teaching will be reinforced through “real world” examples and case studies, relating the information delivered in this course to the field of physical education instruction.

COURSE OBJECTIVES:

Upon completion of this course, the student will have:

- a fundamental knowledge and understanding of human anatomy and physiology.
- a basic scientific insight into physical function in both normal and pathological conditions.
- a basic knowledge and appreciation of the scientific terminologies as related to the field.

Regarding the 13 Exit Teaching Competencies required by the Ministère de l'Éducation, du Loisir et du Sport (MELS), this course addresses the following points:

Targeted Professional Competencies within EDKP 293

PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12	PC13
✓	✓										✓	

REQUIRED COURSE TEXT:

- Marieb EN. Essentials of Human Anatomy and Physiology (12th ed.). Pearson Publishers.

**Please note that you may use previous editions or other equivalent text books- it is your responsibility to confirm consistency with 12th edition. Also, we will be using the online access so a code may have to be purchased separately.

COURSE EVALUATION:

Online assignments (details will be presented in class)	10%
Midterm 1 (during class time, see schedule for date)	25%
Midterm 2 (during class time, see schedule for date)	25%
Final examination (during exam period, date TBA)	40%

***It is your responsibility to contact the course instructor ASAP if you will or have missed an in-class examination. If you will or have missed a final exam, you must contact the exams office for a supplement.**

IMPORTANT DATES AT MCGILL:

Fall Term

Follow the link below for details:

<https://www.mcgill.ca/importantdates/key-dates>

ACADEMIC STATEMENTS:

In accord with McGill University's Charter of Students' Rights, students in this course have the right to submit in **English** or in **French** any written work that is to be graded. This right applies to all written work that is to be graded, from one-word answers to dissertations. Instructor addition: French/English dictionaries will be permitted during exams (however, supplemental notes marked within the dictionary will not be tolerated, *see following statement of **academic integrity***).

McGill University values **academic integrity**. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures

(see: www.mcgill.ca/students/srr/honest/ for more information).

L'université McGill attache une haute importance à l'honnêteté académique. Il incombe par conséquent à tous les étudiants de comprendre ce que l'on entend par tricherie, plagiat et autres infractions académiques, ainsi que les conséquences que peuvent avoir de telles actions, selon le Code de conduite de l'étudiant et des procédures disciplinaires (pour de plus amples renseignements, veuillez consulter: www.mcgill.ca/students/srr/honest/).

Instructors who may adopt the use of text-matching software to verify the originality of students' written course work must register for use of the software with Educational Technologies (support.ist@mcgill.ca) and must inform their students before the drop/add deadline, in writing, of the use of text-matching software in a course.

ACADEMIC EXPECTATIONS:

- Check MyCourses for notes prior to attending lecture
- Please read the required text. It will add to the framework of class slides.

LECTURE SCHEDULE (subject to change)		
Week	Date	Description
1	1 September 6 “	Course introduction: overview of outline, schedules and exams Chapter 1 (The human body: an orientation):
2	8 September 8 “	Chapter 1 (The human body: an orientation): Chapter 2 (Basic Chemistry):
3	13 September 15 “	Chapter 2 (Basic Chemistry): Chapter 3 (Cells: the living unit):
4	20 September 22 “	Chapter 3 (Cells: the living unit): Review chapters 1,2,3 + <i>Assignments Chapters 1,2,3 due</i>
5	27 September 29 “	September 27: Midterm #1 on chapters 1, 2, 3 Sep 29 – TBC
6	4 October 6 “	Chapter 5 (The skeletal system): “ “ “ “
7	11 October 13 “	Chapter 6 (The muscular system): “ “ “ “
8	18 October 20 “	Chapter 6 (The muscular system): “ “ “ “
9	25 October 27 “	Chapter 7 (The nervous system): “ “ “ “
10	1 November 3 “	Review chapters 5,6,7; + <i>Assignments Chapters 5,6,7 due</i> November 3: Midterm #2 on chapters 5, 6, 7
11	8 November 10 “	Chapter 9 (The endocrine system): “ “ “ “
12	15 November 17 “	Chapter 11 (The cardiovascular system): “ “ “ “
13	22 November 24 “	Chapter 13 (The respiratory system): “ “ “ “
	29 November	Review chapters 9, 11, 13; <i>Assignments Chapters 9,11,13 due</i>
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*Students are advised to keep a copy of the course syllabus for future reference.

*Schedule is subject to change.