

McGill University
Department of Kinesiology and Physical Education

**COURSE OUTLINE, FALL 2018
ANATOMY AND PHYSIOLOGY
EDKP 293-001**

INSTRUCTORS:

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OFFICE HOURS: Please contact instructors by email to arrange for office hours.

CLASS SCHEDULE: Tuesday and Thursday, 10:05-11:25 AM

CLASS LOCALE: Currie Gymnasium 305

COURSE DESCRIPTION:

This course provides the necessary understanding of 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 re-enforced 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 to physical function in both normal and pathological conditions.
- a basic knowledge and appreciation of the scientific terminologies as related to the field.

Regarding the 12 Exit Teaching Competencies required by the Ministère de l'Éducation, du Loisir et du Sport (MELS), this course addresses the following points:

- Competency 1: To act as a professional inheritor, critic and interpreter of knowledge or culture when teaching students.
- Competency 2: To communicate clearly in the language of instruction, both orally and in writing, using correct grammar, in various contexts related to teaching.

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%

**The final exam will be approximately 75% chapters 11-13 and 25% comprehensive review of first part of course.

***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***

- Classes begin Tuesday, September 4
- Add/Drop deadline Tuesday, September 18
- Course or University Withdrawal with refund deadline Tuesday, September 25
- Course or University Withdrawal with NO REFUND deadline Tuesday, October 30
- Classes end Tuesday, December 4
- Study day Wednesday, December 5
- Exams begin Thursday, December 6
- Exams end Thursday, December 20 (11 days, including evening exams)

* On Tuesday December 4, the normal Tuesday schedule of course lectures, labs and conferences will be replaced by a Monday schedule.

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.
- Requests for supplemental assignments to raise grades will NOT be accepted

LECTURE SCHEDULE (subject to change) DP: Dr. Pearsall; CSB: Dr. Scheede-Bergdahl		
Week	Date	Description
1	4 September 6 “	Course introduction: overview of outline, schedules and exams Chapter 1 (The human body: an orientation): DP
2	11 September 13 “	Chapter 1 (The human body: an orientation): DP Chapter 2 (Basic Chemistry): CSB
3	18 September 20 “	Chapter 2 (Basic Chemistry): CSB Chapter 3 (Cells: the living unit): CSB
4	25 September 27 “	Chapter 3 (Cells: the living unit): CSB “ “ “ “
5	2 October 4 “	October 2: review chapters 1,2,3 + <i>Assignments Chapters 1,2,3 due</i> October 4: Midterm #1 on chapters 1, 2, 3
6	9 October 11 “	Chapter 5 (The skeletal system): DP “ “ “ “
7	16 October 18 “	Chapter 6 (The muscular system): DP “ “ “ “
8	23 October 25 “	Chapter 6 (The muscular system): DP “ “ “ “
9	30 October 1 November	Chapter 7 (The nervous system): DP “ “ “ “
10	6 November 8 “	November 6, review chapters 5,6,7; + <i>Assignments Chapters 5,6,7 due</i> November 8: Midterm #2 on chapters 5, 6, 7
11	13 November 15 “	Chapter 11 (The cardiovascular system): CSB “ “ “ “
12	20 November 22 “	Chapter 11 (The cardiovascular system): CSB Chapter 13 (The respiratory system): CSB
13	27 November 29 “	Chapter 13 (The respiratory system): CSB <i>Review class if time permits</i>
	4 December	<i>Assignments Chapters 11,13 due</i>
---	6-20 December	Final examinations (specific date TBA) Exam worth 40%: chapters 11, 13 + general overview of other chapters.

*Students are advised to keep a copy of the course syllabus for future reference.

*Schedule is subject to change.