

McGill University
Department of Kinesiology and Physical Education

**COURSE OUTLINE, FALL 2020
ANATOMY AND PHYSIOLOGY
EDKP 293-001**

INSTRUCTORS:

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OFFICE HOURS:

For Dr. Scheede-Bergdahl: Wednesday 2-3PM EST (Zoom link to re-occurring meeting to follow)

For Dr. Pearsall: Wednesday 2-3 PM EST (please use same link as above)

CLASS SCHEDULE: Monday and Wednesday, 10:05-11:25 AM EST

*Please note that classes will be held at the above times but all classes will be recorded and made available to you via MyCourses.

CLASS LOCALE: Via Zoom. All Zoom links will be posted in MyCourses

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 (instructions attached).**

COURSE EVALUATION:

Online assignments (details to follow)	15%
Quizzes	15%
Exam 1 (during class time, see schedule for date)	20%
Exam 2 (during class time, see schedule for date)	20%
Exam 3 (during exam period, date TBA)	30%

What are the online assignments?

The online assignments are found on your textbook publisher's website (detailed instructions on how to register for access will accompany this outline). The purpose of these online assignments is to re-inforce learning and provide direction for evaluation.

What are the quizzes?

Each chapter will have a short quiz (online: via MyCourses) that will assess the knowledge that you have obtained during the reading of each chapter.

What are the exams?

The exams will assess your knowledge of each section of the course. As opposed to the online assignments, the exams will be consist of written answers. Exams #1 and #2 are non cumulative. Exam #3 will consist of some review questions pertaining to the material covered in the other 2 exams (that is why the point assignment is higher and you will be given more time).

IMPORTANT DATES AT MCGILL:***Fall Term***

- **Classes begin:** Wednesday, September 2
- **Classes end:** Monday, December 7
- **Study Day:** Friday, December 4
- **Exams begin:** Tuesday, December 8
- **Exams end:** Tuesday, December 22 (11 days, including evening exams)
On Thursday, December 3, the normal Thursday schedule of course lectures, labs and conferences will be replaced by a Monday schedule to make up for Labour Day.

Other important dates built around the Key Academic Dates include:

- **Deadline to register for at least one course** to avoid registration penalties: Friday, August 14
- **Deadline to cancel registration:** Monday, August 31
- **Add/Drop deadline:** Tuesday, September 15
- **Course or University Withdrawal with refund deadline:** Tuesday, September 22
- **Course or University Withdrawal with NO REFUND deadline:** Tuesday, October 27

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/).

EDKP 293 ONLINE:

We (the instructors: Dr. David Pearsall and Dr. Celena Scheede-Bergdahl) aim to keep this course of the same high quality as when it is taught face to face. To accommodate as many students as possible, this course will be taught by live classes (synchronous, see schedule) that will be recorded and posted on MyCourses for viewing/reviewing at your own pace and according to your own schedule (asynchronous). If you do not want to be recorded during classes, you have the choice of 1) disallowing the video option (your screen will be black but your name will appear) and using the chat option to ask your questions or 2) choosing to view the recorded class which will be made available within 24 hours of the class. If you use an alias for your Zoom screen, please email either professor to let us know what name you will be using and your real name. This is done for your protection as we will regularly make sure that only students that are registered for this course will have access.

As for review classes, these will also be recorded live and posted on MyCourses. Again, you have the choice of directly asking a question during the session, using the chat option or submitting a question to the instructors at least 24 hours in advance of the review class (by email). It will be covered to the best of the instructor's ability (ie: the question will be answered as it appears on the email and we are not able to anticipate follow up questions if you are not present). We expect student questions at each review session in order to best identify the areas in which you need further explanation/clarification. Please note that previous classes will not be retaught during these sessions- these sessions are intended to clarify or review concepts.

Professor office hours will work by re-occurring Zoom meetings (not recorded), which will be open. If you would like to discuss something of a more personal nature, please contact your professor(s) to schedule another time.

Academic expectations of this class:

- 1) Please read the textbook prior to the Zoom session. It will add to the framework of the class slides and provide you with concepts that will be expanded upon or reviewed in class.
- 2) We encourage questions in class. It helps us be better teachers.
- 3) If you have any questions or concerns, please be proactive and speak to your instructor(s).
- 4) Requests for supplemental assignments to raise grades will NOT be accepted. Please see point 2 above.
- 5) For more information, please look to resources such as: <https://mcgill.ca/tls/students/remote-learning-resources> and <https://www.mcgill.ca/isa/student/principles>
- 6) **We expect respectful and courteous interactions at all times during this class.**

LECTURE SCHEDULE (subject to change with notice) DP: Dr. Pearsall; CSB: Dr. Scheede-Bergdahl **all classes will be recorded and available for later viewing**		
Week	Date	Description
1	2 September	Course introduction: overview of outline, schedules and tests
2	7 September 9 “	<i>Labour Day: no classes</i> Chapter 2 (Basic Chemistry): CSB
3	14 September 16 “	Chapter 2 (Basic Chemistry): CSB Chapter 3 (Cells: the living unit): CSB
4	21 September 23 “	Chapter 3 (Cells: the living unit): CSB Chapter 1 (The human body: an orientation): DP
5	28 September 30 September	Chapter 1 (The human body: an orientation): DP Online review chapters 1,2,3 + <i>Assignments Chapters 1,2,3 due</i>
6	5 October 7	Exam #1 on chapters 1, 2, 3 Chapter 5 (The skeletal system): DP
7	12 October 14 “	<i>Thanksgiving: no classes</i> Chapter 5 (The skeletal system): DP
8	19 October 21 “	Chapter 5 (The skeletal system): DP Chapter 6 (The muscular system): DP
9	26 October 28 “	Chapter 6 (The muscular system): DP Chapter 6 (The muscular system): DP
10	2 November 4 “	Chapter 7 (The nervous system): DP Chapter 7 (The nervous system): DP
11	9 November 11 “	Online review chapters 5,6,7; + <i>Assignments Chapters 5,6,7 due</i> Exam #2 on chapters 5, 6, 7
12	16 November 18 “	Chapter 11 (The cardiovascular system): CSB Chapter 11 (The cardiovascular system): CSB
13	23 November 25 “	Chapter 11 (The cardiovascular system): CSB Chapter 13 (The respiratory system): CSB
14	30 November 1 December	Chapter 13 (The respiratory system): CSB Chapter 13 (The respiratory system): CSB
15	3 December 7 December	TBC Review class Chapters 11, 13: live and <i>Assignments Chapters 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

*Please read the Guidelines on Remote Teaching and Learning

[<https://www.mcgill.ca/tls/instructors/class-disruption/strategies/guidelines-remote>] and the above schedule. You will be notified through a ‘pop-up’ box in Zoom if a lecture or portion of a class is

being recorded. By remaining in sessions that are recorded, you agree to the recording, and you understand that your image, voice, and name may be disclosed to classmates. You also understand that recordings will be made available in myCourses to students registered in the course and not for public distribution.