

PHGY 502: EXERCISE PHYSIOLOGY

LECTURE SCHEDULE

Winter 2018

(3 Credits)

Lecturers :

Dr. Simon Rousseau, Meakins-Christie, Room 323, 398-3864 x094148, simon.rousseau@mcgill.ca
Dr. James Martin, Meakins-Christie, 398-3864 x00137, james.martin@mcgill.ca
Dr. Alain Comtois, UQAM, Pavillon des Sciences Biologiques 987-3000 x1083, comtois.alain-steve@uqam.ca
Dr. Sabah Hussain, RVH Room L3.03, 934-1934 x34645, sabah.hussain@muhc.mcgill.ca
Dr. Larry Lands, Montreal Children's Hospital, rm.D-380, 934-1934 x23088, larry.lands@muhc.mcgill.ca
Dr. Gilles Gouspillou, 141 rue du Président-Kennedy, SB-4640 987-3000 ext: 5322, gouspillou.gilles@uqam.ca
Dr. Sheldon Magder, RVH, Room L3.05, 843-1664, sheldon.magder@muhc.mcgill.ca
Dr. Basil Petrof Meakins-Christie, Room 323, 934-1934x35946, basil.petrof@mcgill.ca

Location: McIntyre Bldg. Room 1027, Monday 11:35 pm - 1:25pm

Date	Day	Lecture Title	Lecture	Lecturer
Jan. 8	M	Human Physiological Adaptations to Endurance Exercise	1	Dr. S. Rousseau
15	M	Thermoregulation during exercise Term Paper Topics to be posted on myCourses for your review ONLY. Sign up will be on Monday, January 22, 2017 beginning at 9:00 am on myCourses!	2	Dr. S. Rousseau
22	M	Skeletal Muscle Mechanics During Exercise in Difficult Environments	3	Dr. A. Comtois
29	M	Muscle Injury and Repair	4	Dr. B. Petrof
Feb. 5	M	Skeletal Muscle and Exercise in Chronic Disease	5	Dr. L. Lands
12	M	The Adaptations to Endurance Training in the Mitochondrial-Microvascular Unit	6	Dr.G. Gouspillou
19	M	Muscle Mitochondrial Adaptation in Health, Disease and Aging	7	Dr.G. Gouspillou
26	M	Clinical Exercise Testing	8	Dr. S. Hussain
		STUDY WEEK -Mar 5 - Mar 9 (NO CLASSES)		
Mar. 12	M	Cardiovascular Adaptation Term papers due date by 4:00pm in the General office, Rm 1021	9	Dr. S. Magder
19	M	Cardiovascular Adaptation II	10	Dr. S. Magder
26	M	Recent advances in exercise physiology research	11	Dr. S. Rousseau
9	M	Neurophysiology of endurance exercise	12	Dr. S. Rousseau
April 16	M	Airway Response to Hyperventilation	13	Dr. J. Martin

****Final Exams held during exam period, April 17- April 30****

**** Students are responsible for checking myCourses for course notes/slides and any updates****

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In the event of extraordinary circumstances beyond the University's control, the content and/or evaluation scheme in this course is subject to change.

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EVALUATION

1. Term Paper – (40%)

Students are responsible for selecting a “lecturer” and are then free to write their Term Paper on any one of that lecturer’s topics (ex: if you have chosen Dr. Rousseau, you are free to write on any one of his topics).

Term Paper topics will be posted on *MyCourses* for your review **ONLY** on **Monday, January 15, 2018**. Registration begins on **Monday, January 22, 2018** at **9:00 am** on *myCourses*. (Sign up by telephone will **NOT** be possible). Term papers are due on **Monday, March 12, 2018** by **4:00 pm** in the **Physiology General Office, McIntyre Bldg., Room 1021**. *A 5% penalty per day will be deducted for late submissions.*

Guidelines

The Term Paper topics will be based on the lectures. **DO NOT** summarize the lectures. The paper should be a general overview of a particular area, based on several research articles (more than 5). Information may be extracted from textbooks, but should be primarily from journal articles. DO research on your topic to find up-to-date information. Ideally, one area of the topic should be covered in detail, with some background information, including a discussion.

The length of the paper should be **10 pages maximum, double-spaced, typewritten pages, with one-inch margins (Times, Courier, or Arial, 12 point)**. Figures, graphs, tables, and/or references should be included in the appendix. Please consult the “*Student Guide to Avoid Plagiarism*”.

2. Final Exam – (50%)

The Final Exam will be made up of multiple choice questions. All sections of the course will be covered. Please note that multiple versions of the exam will be administered in order to reduce the temptation of copying a “more correct answer”. **Supplemental/Deferred** and Religious Conflict exams will differ from the Final Exam.

3. Class Participation – (10%)

CONTACT INFORMATION

Course Coordinator:

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TUTORIAL SERVICE

Student Services provides an additional tutorial service: Brown Building, Suite 4200, 514-398-6011.

COURSE EVALUATIONS

Course evaluations will be available through Minerva at the end of term.

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