

4:05-5:25 pm

Where:

Online (first two weeks) Room 408/9 Currie

#### I. COURSE DESCRIPTION

This course reviews the pathophysiology of selected clinical disorders involving skeletal muscle dysfunction, with a particular focus on the integrative physiological response to acute and chronic exercise. The scientific basis of how the disease process impacts the ability to exercise is reviewed. In addition, we will address whether exercise training can positively impact the disease process itself and/or whether exercise training can reverse some of the effects of physical inactivity that is associated with chronic conditions. Special emphasis will also be put on novel exercise-based interventions and their scientific rationale.

#### II. OBJECTIVES

#### IV. COURSE REQUIREMENTS

- 1) Midterm (as a quiz on MyCourses) 25%
- 2) Research topic 30% (20% for Research Paper, 10% for Infographic)
- 3) Practical cases 10% will be assessed by an assignment consisting of answering a short answer question related to the course. The test will be available on MyCourses. Identified as
- 4) Final Exam (during exam period) 35%  
Consists in a MCQ exam covering all the material of this course. The test will be available on MyCourses.

If you cannot attend a class to hand in a report, please email Dr. GENTIL (benoit.gentil@mcgill.ca) prior to the lab. Reports received after class will be considered late. Late assignments will incur a penalty: 1 day late = -10%, 2 days late = -30%. Papers received 2-2 days late = -50%, 3-4 days late = -70%, 5-7 days late = -80%, 8-10 days late = -90%, 11-14 days late = -100%.

**graded.**”(approved by Senate on 21 January 2009 - see also the section in this document on Assignments and evaluation.) Knowledge of a language is not an object of this course. However, spelling will be considered as well as quality of your writing and may influence your grade.

VI. Course Content: *Calendar (subject to minor changes according to government directives)*

<i>lectures</i>			<i>Labs/questions/tests</i>	
wk	date	Tu 4:05pm to 5:25 pm	date	Th 4:05pm to 5:25 pm
1	1/11	Introduction (online)	1/13	Rev(onIM4MC1c 0 Tw Tc

Dep. of KINESIOLOGY and PHYSICAL EDUCATION  
McGill University

VII. Academic integrity

*McGill University values academic integrity. <http://www.mcgill.ca/integrity> Therefore, all students must understand the meaning and consequences of*

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