

INTRODUCTORY PHYSIOLOGY LAB 1: PHGY 212

COURSE OUTLINE

Fall 2019

(1 Credit)

Course Coordinator

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Technical Staff

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Course Secretary

Jennifer Rondeau McIntyre Med. Bldg., Rm. 1021 514-398-4315 undergrad1.physiology@mcgill.ca

Teaching Assistants

These are graduate students. There will generally be a different TA for each lab exercise. They act as lab demonstrators, mark the lab reports and hold post-lab tutorial sessions.

Evaluation Scheme

Lab Reports

30%

Group report. Prepared and completed *during* each of the 5 labs; submitted at the end of each lab session. No written material may be brought into the lab.

Pre-lab Quizzes or Pre-lab assignments

10%

For Dr. Vollrath's and Dr. Glavinovic's labs, there will be a quiz at the beginning of the lab period. The quiz will be based on the prelab lecture, lab manual and virtual lab (if applicable) which is available online. For the blood lab (Mandl) you will prepare a lab protocol that you will turn in at the beginning of the lab period. Directions for this assignment will be explained in the pre-lab lecture.

Final Exam

60%

Held in December. 3-hour duration. The exam will consist of multiple-choice questions. The questions will be based on activities carried out in the lab, as well as, material included in the lab manual, lab-report, pre-lab lectures, and virtual lab.

Supplemental/Deferred Exam

70%/60%

Held in May.

NOTE: Marks are not increased arbitrarily: e.g., if your final aggregate mark is computed to be 79.5%, your mark will be reported as 80% (A-); a final aggregate mark of 79.4% will end up as 79% (B+).

Lab sign-up

Check on *myCourses* site for your assigned lab session:
<http://www.mcgill.ca/mycourses>

Lab coats

Compulsory.

Lab manual

Download PDF file from the *myCourses* site. It's essential to go through the appropriate section of the manual *before* the pre-lab lecture and lab session.

Virtual Lab

<http://www.medicine.mcgill.ca/physio/vlab> Review this *before* each lab session.

Pre-lab lectures

An introduction to each lab will be provided according to the schedule on next page. The slides may be viewed on myCourses. Most lectures will be recorded and posted to *myCourses* (voice and/or PowerPoint).

Post-lab tutorials

A review session will be held for each lab as noted in the schedule on the next page. Most tutorials will be recorded and posted to *myCourses* (voice and/or PowerPoint).

Absences

Medical slip only. For other exceptional circumstances, see Ms. Matthes *well in advance* to allow enough time to arrange an alternative day to do the lab.

Topic	Lecturer(s)	Pre-Lab Lectures	Laboratory Dates	Post-Lab Tutorials
Orientation	E. Matthes & M. Vollrath	Sept. 9		
Immunology	M. Vollrath	Sept. 9	Sept. 16 – Sept. 26	Oct. 21
Blood	J. Mandl	Sept. 23	Sept. 30 – Oct. 10	Nov. 4
*** No Labs during the week of October 14 – October 18 ***				
Biological Signal Acquisition	M. Vollrath	Oct. 7	Oct. 21 – Oct. 31	Nov. 18
Resting Membrane Potential	M. Glavinovic	Oct. 28	Nov. 4 – Nov. 14	Nov. 25
Compound Action Potential	M. Vollrath	Nov. 11	Nov.18 – Nov. 28	Dec. 2

Lab sessions: 1:35 – 4:55 p.m. Room 1010 McIntyre Medical Sciences Building
Pre-Lab Lectures: 5:35 – 6:25 p.m. Room S1/4 Stewart Biology Building
Post-Lab Tutorials: 5:35 – 6:25 p.m. Room S1/4 Stewart Biology Building

***** No labs will be held during the week of October 14-18 due to Thanksgiving**

Final exam: This will be held during the formal final examination period in December.
 The date is determined by the University Administration (*not the Physiology Department*).

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). In particular, we draw the attention of students to the two following items taken from that code:

15. Plagiarism

(a) No student shall, with intent to deceive, represent the work of another person as his or her own in any academic writing, essay, thesis, research report, project or assignment submitted in a course or program of study or represent as his or her own an entire essay or work of another, whether the material so represented constitutes a part or the entirety of the work submitted.

16. Cheating

No student shall:

(a) In the course of an examination obtain or attempt to obtain information from another student or unauthorized source or give or attempt to give information to another student or possess, use or attempt to use any unauthorized material; ...

Language

In accord with McGill University's Charter of Students' Rights, students have the right to submit in English or in French any written work that is to be graded (except in courses where knowledge of a language is one of the objectives of the course).

Extraordinary Circumstances

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

Copyright

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