

INTRODUCTORY PHYSIOLOGY LAB 1: PHGY 212

COURSE OUTLINE

Fall 2022

1 Credit

Course Coordinator

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Technical Staff

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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

35%

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. For the blood lab each student will also prepare a lab protocol as part of their lab report. This is due at the start of the lab period. Directions for this assignment will be explained in the pre-lab lecture.

Pre-lab assignments and Quizzes

15%

Before each lab you should access the pre-lab materials found online. These include videos and lab manual that are accessible on myCourses. After reviewing the prelab materials you will take an online quiz. **Quizzes must be completed by 1 PM on the first day of the lab sessions.** Of the six quizzes, the lowest quiz grade will be dropped. (See calendar for information).

Final Exam

50%

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 materials.

Supplemental/Deferred Exam

55%/50%

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 the 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. Personal copies of the lab manual or handwritten notes are not allowed in the lab.

Pre-lab material and Quiz

Found on *myCourses* Prelab work and associated quiz must be completed by 1 PM on the first day of each lab session. *Example:* Quizzes 1 and 2 (Lab Safety and Immunology) will be due at 1 PM on September 19. **Once a quiz is started you will have 2 hours to complete it.** No sick notes will be accepted and no extensions will be offered for quiz non-completion. Rather, of the six quizzes, the one quiz with the lowest mark will be dropped.

Pre-lab lectures

An introduction to each lab will be provided according to the schedule on next page. The slides are posted on *myCourses*. Lectures will be recorded and posted to *myCourses* (audio with slides).

Post-lab tutorials

A review session will be held for each lab as noted in the schedule on the next page.

Absences

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

Topic	Lecturer(s)	Pre-Lab Lectures (* Orientation lecture pre-recorded/available on myCourses.)	Laboratory Dates (Quizzes due by 1 pm of first day of lab sessions, ex. Sept. 19 for Immunology)	Post-Lab Tutorials (Given by TAs)
Orientation	E. Matthes & M. Vollrath	Sept. 5*		
Immunology	M. Vollrath	Sept. 12	Sept. 19 – Sept. 29	Oct. 24
Blood	A. Mingarelli	Sept. 26	Oct. 3 – Oct. 20	Nov. 7
*** No Labs during the week of October 10 – October 14 ***				
Biomedical Signal Acquisition	M. Vollrath	Oct. 17	Oct. 24 – Nov. 3	Nov. 21
Earth Worm Action Potential	M. Vollrath	Oct. 31	Nov. 7 – Nov. 17	Nov. 28
Resting Membrane Potential	M. Glavinovic	Nov. 14	Nov. 21 – Dec. 1	Dec. 5

Lab sessions: 1:35 – 4:55 PM Room 1010 McIntyre Medical Sciences Building
Pre-Lab Lectures: 5:35 – 6:25 PM ENGMC 204 McConnell Engineering Building
Post-Lab Tutorials: 5:35 – 6:25 PM ENGMC 204 McConnell Engineering Building

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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