

CAPS 303 2022W

The information contained in the course syllabus, other than the grade and absence policies, may be subject to change with reasonable advance notice, as deemed appropriate by the instructor.

Learning Outcomes

In this course you will learn to:

- Describe how human physiologic data is collected and analyze sample data.
- Fit newly gained information into a growing framework of understanding.
- Develop informed and evidence based arguments.
- Examine the evolution of principles and methods used to measure physiologic activity.
- Design and execute a project to test a hypothesis based on human physiologic recordings.
- Collaborate effectively through participation in group projects.
- Manage projects and course work together with other commitments.

Individual laboratory session objectives are available on your LT station.

Assessment, Evaluation & Grading

Lab Quiz (10 X 1%)	10%
Lab Assignment (9 X 6%)	54%
PCTH Lab Report	10%
Retrospectroscope	10%
Term Project	16%
Total Mark	100%

Quiz Prior to all lab sessions student must complete a **10-minute quiz on Canvas** based on the pre-reading material. **Once you begin the quiz you have only 10 minutes to complete it. The quiz is available on Canvas 24 hours prior to the lab.** Make sure you have read the pre-reading and complete the quiz before the lab session.

Session Lab Reports Students complete the Pre-Lab & Lab modules for each laboratory session working in groups. Group leaders will submit their group's lesson lab report. It is important to ensure that there is consensus among the group when submitting the group report. Groups are pre-assigned for each lab session on Canvas.

Lab Assignments The laboratory assignment submitted through Canvas is due the following Thursday at 2 pm in *pdf* format. Groups are pre-assigned for each lab.

Term Project Students define their own group research question. The research question is due October 20. The project proposal is due on November 17. On November 24 student groups will have an opportunity to review and get feedback on their project proposals. The project report is due April 13th. The term project proposal and term project report each count toward 50% of the term project mark.

Retrospectroscope: An audiovisual presentation created by student groups describing the evolution of methods and approaches used to record a human physiological function in historic context. Students define their own group and physiologic function of interest. This assignment is due December 7. See details under assignments.

Missed Classes/ Deadlines

Makeup classes are not offered. Students can request concession to miss only **one single lab** and its associated quiz, report and assignment without penalty **per term**. Beyond this concession, all missed work will receive a zero mark. It is assumed that students will use their concession for valid rounds as specified by Faculty of Science. A medical note is not required. Students who do not request concession during the course will have their lowest marks for quizzes and lab reports excluded from their final mark. Missing the deadlines for the quizzes, lab assignments, PCTH lab report, retrospectroscope and the term project result in a 25% reduction in mark per day from due time. For example, an assignment submitted between Thursday 2 pm - Friday 2pm will result in 25% loss in total mark for that assignment; submitted assignments between Friday 2 pm - Saturday 2 pm result in a 50% loss and so on.

Safety in the Classroom

Students are required to wear close-toed shoes in the lab. Food and drinks are not permitted in the lab. Lab coats are not required except for the Neuroanatomy lab.

Covid19: Please refer [latest UBC updates on Covid Safety](#) on campus.

Your Personal Health: If you're sick, it's important that you stay home – no matter what you think you may be sick with (cold, flu, other).

Instructor Health: If an instructor is sick due to illness they will not come to class and the lab will be cancelled unless another faculty is available to instruct. If possible the lab will be rescheduled at a later date.

UBC Statement of Academic Integrity

The academic enterprise is founded on honesty, civility, and integrity. As members of this enterprise, all students are expected to know, understand, and follow the codes of conduct regarding academic integrity. At the most basic level, this means submitting only original work done by you and acknowledging all sources of information or ideas and attributing them to others as required. This also means you should not cheat, copy, or mislead others about what is your work. Violations of academic integrity (i.e., misconduct) lead to the breakdown of the academic enterprise, and therefore serious consequences arise and harsh sanctions are imposed. For example, incidences of plagiarism or cheating may result in a mark of zero on the assignment or exam and more serious consequences may apply if the matter is referred to the President's Advisory Committee on Student Discipline. Careful records are kept in order to monitor and prevent recurrences.