

CAPS 303 Course Syllabus 2021W

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.

See Lt for individual laboratory session objectives.

Assessment, Evaluation & Grading

Distribution of marks

Lab Assignment (10 X 5%)	50%
Lab Quiz (10 X 1%)	10%
Lab Report (10 X 1%)	10%
Digital Story	14%
Term Project	16%
Total Mark	100%

Quiz All labs are begin with a 10-minute quiz on Canvas based on the pre-reading material. Make sure you bring your laptop to every class in order to complete the quiz.

Lab Reports Students complete the Pre-Lab & Lab modules for each session working in groups.

Group Assignment The laboratory assignment submitted through Canvas is due the following Thursday at 2 pm in *pdf* format.

Term Project Students define their own group and research question. Data will be collected on student Smartphones, Fitness Trackers or both. The research question is due in October. The project proposals are due in November and their review and feedback is completed in the same month. The project report is due in April. The proposal and report each count toward 50% of the term project mark.

Digital Story 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 in February.

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 grounds 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 quiz, lab report, lab assignment, project proposal and digital story will 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.

Covid Safety in the Classroom

Masks: Masks are **required** for all indoor public spaces on campus, including classrooms, as per the BC Public Health Officer orders and UBC policy. For our in-person meetings in this class, it is important that all of us feel as comfortable as possible engaging in class activities while sharing an indoor space. For the purposes of this order, the term “masks” refers to medical and non-medical masks that cover our noses and mouths. Masks are a primary tool to make it harder for Covid-19 to find a new host. You will need to wear a medical or non-medical mask for the duration of our class meetings, for your own protection, and the safety and comfort of everyone else in the class. You may be asked to remove your mask briefly for an ID check for an exam, but otherwise, your mask should cover your nose and mouth. Please do not eat in class. If you need to drink water/coffee/tea/etc, please keep your mask on between sips.

Students who need to request an exemption to the indoor mask mandate must do so based on one of the grounds for exemption detailed in the PHO Order on Face Coverings (COVID-19). Such requests must be made through the Center for Accessibility at UBC.

Mask wearing protects you as well as others in your environment. Let's do everything we can as a community to stop the spread of this virus.

Vaccination: If you have not yet had a chance to get vaccinated against Covid-19, vaccines are available to you, free, and on campus. The higher the rate of vaccination in our community overall, the lower the chance of spreading this virus. You are an important part of the UBC community. Please arrange to get vaccinated if you have not already done so.

Seating in the lab: To reduce the risk of Covid transmission, please sit in a consistent area of the lab each day. This will minimize your contacts and will still allow for the pedagogical methods planned for this class to help your learning.

Your Personal Health

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

- A daily self-health assessment is required before attending campus. Do not come to class if you have Covid symptoms, have recently tested positive for Covid, or are required to quarantine. You can check this website to find out if you should self-isolate or self-monitor.
- Your precautions will help reduce risk and keep everyone safer.

Instructor Health

If an instructor is sick due to illness, develops Covid symptoms, or tests positive for Covid, then 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.

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.