

Course Syllabus

Course Director Sally Osborne sally.osborne@ubc.ca **web:** www.sallyosborne.com

Instructors Drs. Accili, Haas, Hull, Mason, Moukhles, Hass

TA Peter Overby p.overby@alumni.ubc.ca

For individual instructor contact see Canvas LMS

Assessment, Evaluation & Grading**Distribution of Marks**

Lab Assignment (12 X 4%)	48%
Lab Quiz (12 X 1%)	12%
Lab Report (12 X 1%)	12%
Digital Story	16%
Group Project	12%
Total Mark	100%

Quizzes All labs begin with pre-reading or lessons followed by a 10-minute quiz based on the material.

Lesson Reports Each student submits their Lt Lesson report before submitting the Lt Pre-Lab & Lab reports.

Lab Reports Students complete the Lt Pre-Lab & Lab working in breakout groups in Collaborate Ultra. Each student must submit his or her individual lab report. The TA will mark only one lab report from each breakout group. Therefore, it is important to ensure that there is consensus among the group when submitting the reports. Breakout groups are pre-assigned for each lab session. Pre-assigned groups differ for each lab session.

Group Laboratory Assignments The laboratory assignment is due the following Thursday at 2 pm in *pdf* format. Submit through Canvas. Groups are pre-assigned for each lab. Pre-assigned groups differ for each lab.

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 October 15th. The project proposals is due November 19th. On December 3rd student groups will have an opportunity to review and get feedback on their project proposals with

Dr. Hull during the scheduled synchronous session. The project report is due April 8th. The proposal and report each count toward 50% of the Term Project mark.

Digital Story This retrospectroscope is 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 choose their own group and physiologic function of interest. An outline for the presentation is due **December 3rd** for review and feedback during the scheduled synchronous session with Dr. Osborne. The Digital Story is **due February 11th**. It is recommended that students use Camtasia to create the audiovisual presentation with slides and audio only. Access to guide and download of Camtasia is available [here](#).

Missed Classes/Deadlines Make up classes are not offered. Students can request concession to miss only **one single lab** and its associated lessons, quiz 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 assignments, including project proposal, project report, 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.

Laboratory Objectives See individual lesson and laboratory objectives in Lt.

Learning Outcomes In this course you will learn to:

- Describe how physiologic data is collected and be able to analyze sample data obtained from human subjects.
- 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 a physiologic activity in historic context.
- Design and execute a project to test a hypothesis based on physiologic recordings.
- Collaborate effectively with participants in group projects.
- Manage projects and course work together with other commitments.

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"