DEPARTMENT OF GEOGRAPHY
COURSE OUTLINE

Geog 420 – Field Work in Coastal Geomatics
Sept 2021

We acknowledge with respect the Lekwungen peoples on whose traditional territory the University of Victoria stands, and the Songhees, Esquimalt and W̱SÁNEĆ peoples whose historical relationships with the land continue to this day.

Instructor	Maycira Costa (maycira@uvic.ca)
Office Hours	Wednesday 3.30pm – 4.30pm David Turpin B126
Lecture Hours	Tuesday and Wednesday 12.30am – 13.20am CLE A118
Teaching Assistant	Brian Timmer (btimmer.viu@gmail.com)
Office Hours	Monday 10.00 am – 11.00 am David Turpin Building B206

Late Assignment Policy Penalty for assignments handed in late is **10% for the first day followed by 25%** every day after. **Failure to submit a lab assignment will result in a failing grade of incomplete (N).** Exceptions will only be granted for medical reasons (requiring a written report from a medical practitioner stating your inability to attend class) or extreme personal crises. Only the course instructor can grant exceptions. Please do not try to negotiate exceptions with the TA.

Course Evaluations

Presentation readings	**10%**
Project proposal	**5%**
Final project - poster	**30%**

Lab 1 – report (individual)	**20%**
Lab 2 - report (individual)	**20%**
Lab 3 – presentation (group)	**15%**

To obtain a passing grade in the course (at least a "D"), students are required to pass both components of the course (Lab and presentation/project).

Grading Scale

A+	A	A-	B+	B	B-	C+	C	D	F
90-100%	85-89%	80-84%	77-79%	73-76%	70-72%	65-69%	60-64%	50-59%	0-49%

Academic Standards

Plagiarism will be dealt with in accordance with university policy. Please review calendar for details. Be sure to reference all material you use. If you have any questions, please contact me.

Students with a Disability

If you have any type of disability, there are support systems, resources, and accommodation actions available to you. If you wish to access any of these supports, resources or accommodations, I encourage you to contact the Resource Centre for Students with a Disability (http://rcsd.uvic.ca/) and I would be more than happy to work with you to ensure your success in this course.

Please Note: **You are under no obligation to disclose your disability.**

Notes

1. I reserve the right to make changes to the schedule.

2. The best way to reach me is to see me during office hours. Do not expect immediate e-mail replies, so **plan ahead**.

3. If you have ANY concerns related to lectures and labs please come see me as soon as possible.

4. The order of the subjects may change during the term. As this is a 4th-year course there is an expectation that the students will participate/interact in the lecture/seminar portion of the meeting.

Course Experience Survey (CES)

I value your feedback on this course. Towards the end of term, as in all other courses at UVic, you will have the opportunity to complete an anonymous survey regarding your learning experience (CES). The survey is vital to providing feedback to me regarding the course and my teaching, as well as to help the department improve the overall program for students in the future. The survey is accessed via MyPage and can be done on your laptop, tablet, or mobile device. I will remind you and provide you with more detailed information nearer the time but please be thinking about this important activity during the course.

Tentative Course Schedule

Date	Lecture/lab	Topic
Sept 85	Lecture 1	Course Outline and instructions.
Sept 14	Lecture 2	Spectral measurements 1
Sept 15	Lecture 3	Spectral measurements 2
Lab	*Lab 0*	*UVic – learn how to use the equipment - SPECTRAL lab DTB B129*
Sept 21	Students	**Presentation of readings 1 (2 groups of 2 students)**
Sept 22	Students	**Presentation of readings 2 (2 groups of 2 students)**
Lab	*Lab 1*	*Lab 1 experiment – SPECTRAL lab DTB B129 (3 groups)*
Sept 28	Students	**Presentation of readings 3 (2 groups of 2 students)**
Sept 29	Lecture 4	Water Remote Sensing
Lab	*Lab 1*	*Lab 1 experiment – data analysis*
Oct 5	Lecture 5	Nearshore remote sensing
Oct 6	Lecture 6	UAV: data acquisition and analysis- Brian
Lab	*Lab 2*	*Lab 2 experiment – SPECTRAL lab DTB B129 (3 groups)*
Oct 12	Lecture 7	Field methods ***(Lab 1 due – individual reports)***
Oct 13	Lecture 8	Design a project proposal
Lab	*Lab 3*	*Lab 3 – Kelp detection (2 groups)*
Oct 19	Lecture 9	Project ideas – discussion ***(Lab 2 due -individual reports)***
Oct 20	Lecture 10	Project ideas – discussion
Lab	*Lab 3*	*Lab 3 – Kelp detection (3 groups)*
Oct 26	Lecture 11	Project ideas - discussion
Oct 27	Lecture 12	Kelp remote sensing talk: field and satellite
Lab	*Lab 3*	*Lab 3- kelp data analysis*
Nov 2	Students	**Presentation project proposal (group)**
Nov 3	Students	**Presentation project proposal (group)**
Lab	*Lab*	*Project data acquisition*
Nov 9	No class	**Reading Break**
Nov 10	No class	**Reading Break**
Lab	*No Lab*	*Reading Break*
Nov 16	Students	**Lab 3 - kelp project oral presentation 1 (group)**
Nov 17	Students	**Lab 3 - kelp project oral presentation 2 (group)**
Lab	*Lab*	*Project data analysis*
Nov 23	Lecture 13	Project Data discussion (bring your data)**)**
Nov 24	Lecture 14	Project Data discussion (bring your data)
Lab	*Lab*	*Project data analysis*
Nov 30	Lecture 15	Poster: final review
Dec 1	Lecture 16	Invited talk
Dec 2	*Lab*	***Final projects: poster presentations***

THE UNIVERSITY OF VICTORIA IS COMMITTED TO PROMOTING, PROVIDING AND PROTECTING A POSITIVE AND SAFE LEARNING AND WORKING ENVIRONMENT FOR ALL OF ITS MEMBERS.