

GEOG 484

**Advanced Topics in Geography:  
Advanced Studies in Weather and Climate**

Spring 2020

Classes: Thursday, 14:30 – 17:20  
in Clearihue Building D130

Labs in Geography Grad computer room

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Office hours: Tuesday 13:00-14:30 and Wed 13:00 – 14:00,  
or please email for other times

**Introduction:**

By now you have taken GEOG 272 and GEOG 373. In those courses you learned about the basics of radiation transfer and surface heating, ideas of vertical stability and thermodynamic





**Paper discussion**

A selection of research papers will be assigned for reading. Papers will be made available on the CourseSpaces site. Each student will rotate through presentation of detailed analysis of a paper and all students will be expected to participate in discussion. Marks will be given for participation and clarity of presentations.

**CourseSpaces:** This course is hosted on the UVic CourseSpaces system.

<http://coursespaces.uvic.ca/> I will post various course-related materials or news items here from time to time; make sure you keep a regular eye on the site. Readings will be posted here ahead of classes for which they are required.

**Evaluation:** The course grade will be based on the following:

		Date (or date due)	Weight	Grading considerations
1	Assignments	Listed below	30%	Accurate numerical or graphical solution, correct steps followed and presented, or if written, thorough assessment, clearly expressed. Emphasis will be placed on clarity of expression because of the crucial role communication will play in your futures
2	Weather presentation	Assigned in class	10 %	Depiction of weather situation at hand that captures relevant weather forming parameters. Marks also given for style and clarity of presentation. Non-binding peer evaluation will be conducted.
3	Paper discussion engagement	No due date	10 %	Active engagement (and presence) in in-class discussions. <b>Post comments on CourseSpace blog.</b>
4	Mid-term tests	Listed below	20 %	Two mid-

**Tentative scheduling**

I reserve the right to modify lecture subjects, computer subjects, and the reading schedule in response to how fast we are progressing.

<b>Wk</b>	<b>Date</b>	<b>Lecture subject</b>	<b>Computer/test</b>	<b>Reading assigned</b>
1	Th Jan 9	Intro, what is weather analysis, weather		

**Undergraduate Grading\*\***

<i>Passing Grades</i>	<i>Description</i>
A+ A A-	<b>Exceptional, outstanding and excellent</b> performance. Normally achieved by a minority of students. These grades indicate a student who is self-initiating, exceeds expectation and has an insightful grasp of the subject matter.
B+ B B-	<b>Very good, good and solid</b> performance. Normally achieved by the largest number of students. These grades indicate a good grasp of the subject matter or excellent grasp in one area balanced with satisfactory grasp in the other area.
C+ C	<b>Satisfactory, or minimally satisfactory.</b> These grades indicate a satisfactory performance and knowledge of the subject matter.
D+ D	<b>Marginal</b> Performance. A student receiving this grade demonstrated a superficial grasp of the subject matter.
COM	<b>Complete</b> (pass). Used only for 0-unit courses and those credit courses designated by the Senate. Such courses are identified in the course listings.

\*\* As stated in the 2009-2010 Calendar

A+