Office hours:	T,W14:30-15:30 (my office: DavidTurpinBldg.B120)				
Lectures:	T,W 12:30-13:20 (CRN:11789) DavidTurpin Building A102				
Labs:	W 8:30-10:20 (B01)-SSM/DavidTurpinBldg.B307(CRN:11790)				
	W 16:30-18:20 (B02)-SSM/DavidTurpinBldg.B307(CRN:11791)				
	Th 12:30-14:20 (B03)-SSM/DavidTurpinBldg.B307(CRN:11792)				
	F 12:30-14:20 (B04)-SSM/DavidTurpinBldg.B307(CRN:11793)				

Labinstructors: ChrisKrasowski(Th,F), Pei LingWang(W1), Matt Fuller(W2)

Introduction:

Weather, climate, and the movement of water himpertant impacts on oulives and activities. The weather is an ever-presentor in Canadian livesand extreme events can have catastrophic consequences the effects of which are felt for years after the disasteriodic severe flooding the Prairies, powerful storms of the North Pacific, the Gulf of Mexiborricanes in 2005 and 2017, dathe climate anomalies associated with El Niño and the PDO are prime extensof these impacts. The climate of a region determines, in part, the types of vegetation prester nature of the soils and landforms, potential agricultural activity, the form of outities, and simply how we live out its. As well as being influenced by it, human activities can influence the atmosphere –nkthvie are all aware of climate change at some level. The flow of the atmosphere and oceaner the earth's surface means that the part of the globe can have consequences far from the source; think of consent he missions from the Fukushima Daiichi Power Station crossing the Pacifatter the 2011 earthquake – why would enoissifrom a site in Japan worry us?

Course Mission:

This course seeks to equip you waith understanding of climate, weatheand the flow of water necessary to:

- a) improve your day-to-day lives, including learningw to more fully utilizing the products made available from the forecast centers of Environtr@anada and the US National Weather Service, and
- b) allow you to be a more effective citizen by fullnygaging in and appreciating the global environmental change debate.

Specific Objectives:

1. Describe the vertical structure mposition, and broad patterns of the arth's atmosphere and climate system and account for these patterns in the modynamics and geographic controls.

I strongly urge you to read the text for suppletaematerial. Lectures are designed to follow the layout of the text. We will cover a lot of the matterian the book and some lab material will be drawn from the question sections in the text. On the Cospetaees page I will list upcoming sections to read. I have also suggested chapter review tipungs to look at. Again, these are not taken up.

Note I will draw upon these quetions when it comes time to preparing the mid-term and the final exams, so make use of them.

Computer use In the laboratories, we will be doing a number of exercises using the computer. You should be familiar with basic computer skills sushfile maintenance, printing and word processing.

Laboratories: The labs are an essentimater of the course anattendance is required. There will be reports due: see below for detailed schedulte. Lab reports must be neatly typicand figures mustice cleanly and correctly presented. Your lab instructor is your firstint of contact for the labs. The labs will give you practice in using standard software for the analysistic data and in marking observations to build and support ideas about how things workeparing synthesis reports is ajonaskill needed in today's job market. Analysis and presentation of diata necessary skill in all fields are not designed to march in step with lecture material – they are their own course component.

Coursespaces. This course is hosted on the UVic Coursespaces system. Coursespaces. uvic. dawill post various course-related materizals news items here from time to temmake sure you keep a regular eye on the site. Readings will be pted here ahead of classes which they are required.

In addition, there are many sites on the webpage that you can explore. You may want to find these and study the weather during this semester. You will notice thur appreciation and understanding of the maps will greatly increase over the course of the semester.

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

		Date (or date due)	Weight	Subject
1	Quizzes	Listed below	15 %	⊍p previous quiz (~1-2 wks)
	Mid-Term Test	Listed below	15 %	First term. lecture only

Tentative course outline

Undergraduate Grading**

CourseExperienceSurvey(CES)
I valueyour feedbackon this course. Towards the end of term, as in all other courses at UVic, you will have the opportunity to complete an anonymous warlive your