
COURSE OUTLINE

GEOG272: Introduction to Climatology and Hydrology

Office Hours:?

Office Location: David Turpin Bldg. B203c

Contact: feddema@uvic.ca Tel: 250721-7325

Lectures: T, W 12:30– 13:20 (A01) Fraser Building 159 (CRN: 11757)

Labs W 8:30– 10:20 (B01)– David Turpin Bldg. B307 (CRN: 11758) Krezoski

W 16:30– 18:20 (B02)– David Turpin Bldg. B307 (CRN: 11759) -

REQUIRED TEXT

Robert V. Rohli and Anthony J. Vega. 2017. *Climatology*. Jones & Bartlett Learning; 4th Edition
418p, ISBN 978-1284119985

This text is intended to provide an overview of different aspects of climatology, there will also be materials posted on Course Spaces as needed to provide supplemental materials. Lectures

LABORATORY SECTIONS

The labs are an essential part of the course and attendance is required. There will be reports due; see the lab syllabus for a detailed schedule. All lab reports must be neatly typed and figures must be cleanly and correctly presented following the format presented in the lab syllabus. Your lab instructor is your first point of contact for the labs. The labs will give you practice in using standard software for the analysis of climatic data and in making observations to build and support ideas about how things work. Preparing synthesis reports is a major skill needed in today's job market. Analysis and presentation of data is a necessary skill in all fields. Labs are not designed to march in step with lecture material –

COURSESPACES

This course is hosted on the UVic Coursespaces system <http://coursespaces.uvic.ca>. Course related materials or news items will be posted 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 and quizzes and lab materials will also be posted here.

In addition, there are many sites on the Internet with satellite images, current maps and other data and information which will be posted for you to explore. You may want to find these and study the weather during this semester. You will notice that your appreciation and understanding of the maps will greatly increase over the course of the semester.

POLICY ON LATE ASSIGNMENTS

Deadlines for lab assignments can be found in the lab syllabus. Quizzes will be conducted through course spaces and will have automatic deadlines. Requirements for each quiz may vary and will be announced in class or indicated on the quiz.

POLICY ON ATTENDANCE

Attendance is required for labs and assumed for lecture, it will not be possible to pass the lab without attendance. While we will not take attendance during lecture, a significant portion of the exams will depend on lecture materials and it will be difficult to pass the course without regular attendance.

ACADEMIC INTEGRITY

It is every student's responsibility to be aware of the university's policies on academic integrity, including policies on cheating, plagiarism, unauthorized use of an editor, multiple submission, and aiding others to cheat.

Policy on Academic Integrity web.uvic.ca/calendar20199/undergrad/info/regulations/academic_integrity.html. If you have any questions or doubts, talk to your course instructor. For more information, see uvic.ca/learningandteaching/cac/index.php

ACCESSIBILITY

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a documented disability or health consideration that may require accommodations, please feel free to approach me and/or the Centre for Accessible Learning (CAL) as soon as possible (<https://www.uvic.ca/services/cal/>). The CAL staff is available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations. The sooner you let us know your needs the quicker we can assist you in achieving your learning goals in this course.

POSITIVITY AND SAFETY

The University of Victoria is committed to promoting, providing and protecting a positive and safe learning and working environment for all its members.

WEEKLY CALENDAR

WEEK	DATE	Topic	Reading
1	Sep 4	Introduction, history of the discipline and scales	Chapter 1
2	Sep 10-11	Composition and structure of the Atmosphere	Chapter 2
3	Sep 17-18	Energy Balance	Chapter 3 & 5
4	Sep 24-25	Atmospheric processes and circulation	Chapter 3 & 5
5	Oct 1-2	Other systems that regulate climate (Spheres)	Chapter 4
6	Oct 8-9	Other climate system components (monsoons, ENSO etc.)	Chapters 3, 4, 5 & 7
7	Oct 15-16	Secondary climate features MIDTERM October 16	Chapters 5 & 7
8	Oct 22-23	Hydrologic cycle and water balance	Chapter 6 & hydrology reading on course spaces
9	Oct 29-30	Climate classification and global distributions	Chapters 8, 9, & 10
10	Nov 5-6	Climate models and boundary conditions	Chapter 6 & 13
11	Nov 12-13	READING BREAK NO CLASS	
12	Nov 19-20	Past climates and Historical Climate Change	Chapter 11
13	Nov 26-27	Modern Climate Change	Chapter 12 & 13
14	Dec 3-4	Climate impacts and Analysis	Chapters 14-15

COURSE POLICIES

Students are expected to attend all labs, take notes and be punctual. A high level of student cooperation and participation, involving asking and answering questions, is expected.

Late assignments will be penalized 20% per day (including weekends and holidays). Exceptions will only be granted for documented medical or compassionate reasons. Please inform the instructor of your situation promptly and present written proof within five working days. ***Only the course instructor can grant exceptions.*** You may turn in your assignment via our course dropbox outside of the main Geography office (DTB B202). Please email your TA so they know to look for it.

Please attend only the laboratory section for which you are registered. If you outa

GEOG 272 COURSE STYLE GUIDE

Weekly laboratory reports will follow the below style guide for submittal.

All pages of your submission must have the following information:

Your name and V#

GEOG XXX