



COURSE OUTLINE

The course description is online @ <http://camosun.ca/learn/calendar/current/web/geog.html>

Ω *Please note: the College electronically stores this outline for five (5) years only. It is **strongly recommended** you keep a copy of this outline with your academic records. You will need this outline for any future application/s for transfer credit/s to other colleges/universities.*

1. Instructor Information

(a)	Instructor:	Hilary Sandford		
(b)	Office Hours:	T/Th 2:30-3:30; M/W 10:30-11:30		
(c)	Location:	Paul 233		
(d)	Phone:	370-3372	Alternative Phone:	
(e)	Email:	sandford@camosun.ca		
(f)	Website:			

2. Intended Learning Outcomes

(No changes are to be made to these Intended Learning Outcomes as approved by the Education Council of Camosun College.)

Upon completion of this course the student will be able to:

1. Describe the structure and function of Earth's atmosphere and related weather and climate systems.
2. Describe the distributional characteristics of global biomes, specifically their evolutionary history, extinction vulnerability and local characteristics.
3. Interpret meteorological, climatological and biogeographical data to display and integrate this information.

3. Required Materials

Canadian Geosystems, 2nd Edition R.W. Christopherson and M. Byrne, 2009. Toronto: Person Education Canada, 709 pp. plus appendices.

*The purchase of this textbook is **RECOMMENDED** for this course.*

A lab manual is available for purchase from the Campus Bookstore or can be accessed online through the course D2L site.

4. Course Content and Schedule

Course Content

Lectures: The three-hour time slot for this course will usually be evenly split between lecture and lab time. During lectures, the blackboard will be heavily utilized and overheads and images will augment the traditional lecture style. I talk a lot, I write a lot and I draw a lot; summary notes will be available on the D2L site for the course.

Labs: There are ten labs in the course. Each lab contains exercises to familiarize students with the topics and techniques of physical geography. Small groups are encouraged during the lab period but each student must do their own individual lab or a mark of zero will be assigned to all colluders. Attendance during lab periods is mandatory. In the case of illness, I must be contacted prior to the class time and an alternate arrangement must be made; otherwise, a mark of zero will be assigned. Assignment due dates will be determined in class. Late labs won't be accepted at all once marked assignments have been handed back.

Exams: There is one midterm exam on **Wednesday, February 22nd** and the final exam will be during the April examination period. Review classes and/or practice exams will be provided for preparation purposes. Attendance is mandatory and, in the case of illness, a comprehensive doctor's note is required (see pg 16 of Camosun Calendar).

Weather Analysis Project: In the middle of term, you will be asked to monitor local weather data for the period of a week. This information will then be summarized in a written report and submitted as part of your final grade.

DEIF: In the final three weeks of the course you will be asked to conduct fieldwork to complete a Province of British Columbia's Describing Ecosystems in the Field (DEIF) card and compile a technical report on your findings.

Schedule

schedule is subject to change

<u>Week of:</u>	<u>Monday Topics</u>	<u>Wednesday Topics</u>
Jan 9	Course Introduction	Lab 1: Skills
Jan 16	Atmospheric Composition Lab 2: Insolation & Weather Data	Radiation & Temperature
Jan 23	Pressure & Wind Lab 3: Temperature & Wind	Atmospheric Circulation
Jan 30	Humidity Lab 4: Humidity & Uplift	Clouds & Precipitation
Feb 6	Weather Systems Lab 5: Weather Map	Violent Weather
Feb 13	Global Climate Lab 6: Data Analysis	<i>Reading Break</i>
Feb 20	Review Class	MIDTERM
Feb 27	Soils Lab 7: Soil Analysis	Soils
Mar 5	Ecosystems Lab 8: Vegetation Assessment	Biomes
Mar 12	Biomes Lab 9: Ecosystem Maps	Biogeoclimatic Classification
Mar 19 Field	Describing Ecosystems in the Field DEIF	Describing Ecosystems in the DEIF
Mar 26	Biological Productivity DEIF	Biodiversity DEIF
Apr 2	SARA Lab 10: Species at Risk	Island Biogeography
Apr 9	<i>Easter Monday</i>	Review

5. Basis of Student Assessment (Weighting)

Midterm	20%
Weather Analysis	5%
DEIF	10%
Lab Exercises	40%
Final	<u>25%</u>
	100%

6. Grading System

(No changes are to be made to this section unless the Approved Course Description has been forwarded through the Education Council of Camosun College for approval.)

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D	Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite.	1
0-49	F	Minimum level has not been achieved.	0

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at camosun.ca for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	<i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. (For these courses a final grade will be assigned to either the 3 rd course attempt or at the point of course completion.)
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College calendar, at Student Services, or the College web site at camosun.ca.

STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**. It is the student's responsibility to become familiar with the content of this policy.

The policy is available in each School Administration Office, at Student Services,
and the College web site in the Policy Section.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED