



CAMOSUN COLLEGE
School of Arts & Science
Department of Environmental Technology

ENVR-246-001
Plant Diversity & Ecology
Winter 2020

COURSE OUTLINE

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

Ω Please note: This outline will *not* be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

1. Instructor Information

(a)	Instructor:	Dr. David Blundon		
(b)	Office Hours:	Tuesday 11:30 - 12:20 and 1:30 - 3:20 PM; Thursday 12:30 – 1:20		
(c)	Location:	F-246		
(d)	Phone:	250 370-3984	Alternative Phone:	
(e)	Email:	blundond@camosun.bc.ca		
(f)	Website:			

2. Intended Learning Outcomes

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

- Use dissecting and compound microscopes.
- Use logic, critical thinking, and the scientific method in combination with biological terminology pertinent to nonvascular and vascular plants to evaluate and assess the current status of BC plant ecosystems.
- Use biological identification keys for selected groups of nonvascular (lichens and mosses) and vascular plants (Poaceae and Asteraceae) of B.C.
- Prepare herbarium specimens.
- On sight, identify most native non-vascular and vascular plants to family.
- Describe biodiversity issues, including rare and endangered species, introduced species, overharvesting impacts and affects of habitat loss.
- Understand the basic methods of habitat restoration.
- Understand the basic principles of invasion ecology.
- Discuss the importance and impact of policy and legislation on ecosystem management issues.

3. Required Materials

- Texts
Pojar, J. and A. MacKinnon. 1994. Plants of Coastal British Columbia. Lone Pine Publ., Van., BC.
- Other

Herbarium keys for mosses, lichens and vascular plants are provided.
Lockwood, J.L., M.F. Hoopes and M.P. Marchetti (2007). Invasion Ecology. Blachwell Publ. Oxford, UK.

4. Course Content and Schedule

David Blundon		Schedule W2020			Office: F246
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:30-9:20					
9:30-10:20					
10:30-11:20	ENVR 229 Lecture F208			ENVR 229 001A Lab E110	
11:30-12:20		OFFICE HOUR			
12:30-1:20				OFFICE HOUR	
1:30-2:20	ENVR 246 Lab F244	OFFICE HOUR			
2:30-3:20		OFFICE HOUR		ENVR 246 Lecture Y300	
3:30-4:20					
4:30-5:20					
5:30-6:20					
6:30-7:20					
7:30-8:20					
8:30-9:20					

5. Basis of Student Assessment (Weighting)

(a) Assignments

- Herbarium Collection (cryptogams) – 20%
- Herbarium Collection (herbs) – 20%

Week 4: Due Monday January 27
Week 12: Due Monday March 23

(b) Quizzes

NA

(c) Exams

- Lecture Exam I – 25%
- Lecture Exam II – 25%
- Lab Exam – 10%

Week 8: Thursday February 27: 2 hours
Week 13: Thursday April 2: 2 hours
Week 14: Monday April 6: 4 hours (F244)

(d) Other (e.g. Project, Attendance, Group Work)

Field trips to RRU and Rithet's Bog

6. Grading System

Standard Grading System (GPA)

Competency Based Grading System

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

NA

8. College Supports, Services and Policies



Immediate, Urgent, or Emergency Support

If you or someone you know requires immediate, urgent, or emergency support (e.g. illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @ <http://camosun.ca/about/mental-health/emergency.html> or <http://camosun.ca/services/sexual-violence/get-support.html#urgent>

College Services

Camosun offers a variety of health and academic support services, including counselling, dental, disability resource centre, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit the **STUDENT SERVICES** link on the College website at <http://camosun.ca/>

College Policies

Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies. Policies are available on the College website at <http://camosun.ca/about/policies/>. Education and academic policies include, but are not limited to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials, Involuntary Health and Safety Leave of Absence, Prior Learning Assessment, Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, Student Appeals, Student Conduct, and Student Penalties and Fines.

A. GRADING SYSTEMS <http://camosun.ca/about/policies/index.html>

The following two grading systems are used at Camosun College:

1. 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		1
0-49	F	Minimum level has not been achieved.	0

2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

Grade	Description
COM	The student has met the goals, criteria, or competencies established for this course, practicum or field placement.
DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

B. 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 at <http://camosun.ca/about/policies/index.html> 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 are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
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.