



**School of Arts & Science
ENVIRONMENTAL TECHNOLOGY DEPARTMENT**

**ENVR 211- section 01
BC Biodiversity 1
Semester/Year 2007W**

COURSE OUTLINE

The Approved Course Description is available on the web @ _____

Ω Please note: this outline will be electronically stored for five (5) years only.
It is strongly recommended students keep this outline for your records.

1. Instructor Information

(a)	Instructor:	Steve Gormican and Dianne Humphrey		
(b)	Office Hours:	TBA – posted on office doors		
(c)	Location:	F-314A and F-248B		
(d)	Phone:	370-3423 -3432	Alternative Phone:	370-3298
(e)	Email:	gormicans@camosun.bc.ca Humphrey@camosun.bc.ca		
(f)	Website:	www.camosun.bc.ca		

2. Intended Learning Outcomes

~~(No changes are to be made to this section, unless the Approved Course Description has been forwarded through EDCO for approval.)~~

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

1. Use standard biological lab equipment, especially microscopes.
2. Use logic, critical thinking, and the scientific method in combination with biological terminology pertinent to Invertebrates, Algae, Fungi, and Non-Vascular Plants found in B.C.
3. Use biological identification keys for selected groups of B.C. Invertebrates, Algae, Fungi, and Non-Vascular Plants and project population estimates of the same.
4. Sample fresh water and marine habitats, soil, and terrestrial debris in order to determine types of living organisms present.
5. Preserve and/or culture various selected Invertebrates, Algae, Fungi (sterile technique), and Non-Vascular Plants.

3. Required Materials

(a)	Texts	Gormican, S and D. Humphrey. 2007. BC Biodiversity 1 Course Manual. Camosun College. Victoria, BC
(b)	Other	Optional purchases will be discussed in class

4. Course Content and Schedule

(Can include: class hours, lab hours, out-of-class requirements and/or dates for quizzes, exams, lectures, labs, seminars, practicums, etc.)

WEEK	DATE	LECTURE TOPICS	LAB TOPICS
1	Jan 8-12	Course Introduction; Porifera	Sponges and Jellyfish Taxonomic Review
2	Jan 15-19	Cnidaria; Acoelomates and Pseudocoelomates; Annelids; Molluscs	Sponges Molluscs and Annelids and Jellyfish
3	Jan 22-26	Molluscs; Arthropods - Crustaceans	Arthropods - plankton, Crabs, shrimp, lobsters Molluscs and Annelids
4	Jan 29-Feb 2	Bryozoans; Brachiopods; Phoronids; Review Midterm Tuesday	Arthropods - spiders and insects Arthropods - plankton, crabs, shrimp, lobsters
5	Feb 5-9	Arthropods - Spiders and Insects Feb 8/9 - Reading Break	No Formal Lab Arthropods - Spiders and Insects including stream insects
6		Echinoderms	Echinoderms
7	Feb 19-23	Echinoderms; Review Invertebrate Final Lecture Exam	Invertebrate Lab Final
8	Feb 26-Mar 2	Invertebrate Lec Final - Tues Begin Non-Vascular Plants; Algae	Fresh Water Algae
9	Mar 5-9	Algae	Marine Algae
10	Mar 12-16	Algae Optional Fungi Field Trip	Soil Isolation Diversity of the Fungi Fresh Water Algae
11	Mar 19-23	Fungi; Kingdom Protista Midterm Tuesday	Soil Isolation Con't Diversity of the Fungi Con't
12	Mar 26-30	Kingdom Fungi: Zygomycota and Ascomycota	Soil Isolation con't Diversity of the Fungi Fungal Symbionts (continued)
13	April 2-6	Kingdom Fungi: Deuteromycota and Basidiomycota April 6 is Good Friday	No formal Lab Diversity of the Fungi Fungal Symbionts
14	April 9-13	Fungal Symbionts and Non-Vascular Plants April 9 is Easter Monday	Non-Vascular Plants
15-16	April 16-24	NV Plant Lab and Lecture Finals	scheduled during this period so do not plan to leave town

Lectures: T/W 9:30 - 10:50
Labs: F 9:30 - 11:20

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5. Basis of Student Assessment (Weighting)

(Should be linked directly to learning outcomes.)

(a)	Assignments	10% for each half of the course = 20%
(b)	Midterms	10% for each half of the course = 20%
(c)	Exams	10% for lab and 20% for lecture for each half of the course = 60%
(d)	Other (eg, Attendance, Project, Group Work)	NA

6. Grading System

(No changes are to be made to this section, unless the Approved Course Description has been forwarded through EDCO for approval.)

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
95-100	A+		9
90-94	A		8
85-89	A-		7
80-84	B+		6
75-79	B		5
70-74	B-		4
65-69	C+		3
60-64	C		2
50-59	D		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 at camosun.ca or 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.
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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.

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 on the College web site in the Policy Section.

~~ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED~~