



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

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

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 David Blundon anne-Humphrey	
(b)	Office Hours:	TBA – posted on office doors	
(c)	Location:	F-314A and F-248B	
(d)	Phone:	370-3423 - 34653432	Alternative Phone: 370-3298
(e)	Email:	gormicans@camosun.bc.ca blundondHumphrey@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. BlundonHumphrey . 2007. BC Biodiversity 1 Course Manual. Camosun College. Victoria, BC
(b)	Other	Optional purchases will be discussed in class

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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	Sept 4-7 Jan 12-14	<u>Course Introduction; Porifera</u> Course Introduction; Porifera	<u>Sponges and Jellyfish</u> Taxonomic Review
2	Sept 10-14 Jan 15-19	Cnidaria; Acoelomates and Pseudocoelomates; Annelids; Molluscs	<u>Sponges Molluscs and Annelids and Jellyfish</u>
3	Sept 17-21 Jan 22-26	Molluscs; Arthropods - Crustaceans	<u>Arthropods – plankton, Crabs, shrimp, lobsters</u> Molluscs and Annelids
4	Sept 24-28 Jan 29-Feb 2	Bryozoans; Brachiopods; Phoronids; Review Midterm Tuesday	<u>Arthropods – spiders and Insects including stream insects</u> Arthropods – plankton, crabs, shrimp, lobsters
5	Oct 1-5 Feb 5-9	Arthropods – Spiders and Insects <u>Feb 8/9 – Reading Break</u>	TBA No Formal Lab <u>Arthropods – Spiders and Insects including stream insects</u>
6	Thanksgiving	Echinoderms	<u>Echinoderms</u> Echinoderms
7	Oct 15-19 Feb 19-23	Echinoderms; Review Invertebrate Final Lecture Exam	Invertebrate Lab Final
8	Oct 22-26 Feb 26-Mar 2	Invertebrate Lec Final – Tues <u>Begin Non-Vascular Plants; Algae</u>	<u>Fresh Water Algae</u>
9	Oct 29 – Nov 2 Mar 5-9	Algae	<u>Marine Algae</u> Marine Algae
10	Nov 5-9 Mar 12-16	Algae Optional Fungi Field Trip	<u>Soil Isolation</u> <u>Diversity of the Fungi</u> Fresh Water Algae
11	Nov 12-16 Mar 19-23 Remembrance Day Nov 12	Fungi; Kingdom Protista Midterm Tuesday	Soil Isolation <u>Con't</u> Diversity of the Fungi <u>Con't</u>
12	Nov 19-23 Mar 26-30	Kingdom Fungi: Zygomycota and Ascomycota	Soil Isolation con't Diversity of the Fungi <u>Fungal Symbionts</u> <u>fungi (continued)</u>
13	Nov 26-30 April 2-6	Kingdom Fungi: Deuteromycota and Basidiomycota April 6 is Good Friday	<u>Fungal Symbionts – No formal Lab</u> <u>Diversity of the Fungi</u> <u>Fungal Symbionts</u>
14	Dec 3-7 April 9-13	Fungal Symbionts and Non-Vascular Plants April 9 is Easter Monday	Non-Vascular Plants
15-16	Dec 10-15, 17-18 April 16-24	NV Plant Lab and Lecture Finals	scheduled during this period <u>so do not plan to leave town</u>

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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
90 5-100	A+		9
85-89 90-94	A		8
80-84 5-89	A-		7
77-79 80-84	B+		6
73-76 75-79	B		5
70-72 0-74	B-		4
65-69 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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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.