



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

**ENVR 215 - section 01A/01B
BC Biodiversity 2
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:	Ted Davis and Dianne Humphrey		
(b)	Office Hours:	TBA and posted on the office doors		
(c)	Location:	F-340A and F-248B		
(d)	Phone:	370-3388 and 3432	Alternative Phone:	370-3298
(e)	Email:	davist@camosun.bc.ca and humphrey@camosun.bc.ca		
(f)	Website:	www.camosun.ca		

2. Intended Learning Outcomes

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 Vertebrates and Vascular Plants.
3. Use biological identification keys for selected groups of Vertebrates and Vascular Plants.
4. Prepare herbarium specimens.
5. On sight, identify most native vascular plants to Division and Class and many to Order, Genus, or Species.

3. Required Materials

(a)	Texts	a. Van De Graff, Kent M. and John L. Crawley. 2005. A Photographic Atlas for the Zoology Laboratory 5th edition. Morton Publishing Company. Englewood, Calif. b. Pojar and McKinnon. 1994. Plants of Coastal British Columbia. Lone Pine Press c. Envr 215 Course Manual Davis, T. and D. Humphrey. 2007. ENVR 215 Laboratory Manual. Camosun College. Victoria, B.C.
(b)	Other	Optional reference material will be discussed in class

4. ENVR 215 Course Schedule
 (This schedule is tentative and may change somewhat as the course progresses.)

Week	Date	Lecture Topics	Lab Topics
1	Jan. 8-12	Introduction to Biodiversity Fish	LAB 1 – Biodiversity – Royal BC Museum Field Trip
2	Jan. 15-19	Fish	LAB 2 – Fish
3	Jan. 22-26	Amphibians and Reptiles	LAB 3 Amphibians
4	Jan. 29-Feb 2	Birds Quiz 1 – Jan 30th (10%)	LAB 4 – Reptiles
5	Feb. 5-9 Feb. 8/9	Birds Reading Break	**no lab
6	Feb. 12-16	Birds/Mammals	LAB 5 - Birds
7	Feb. 19-23	Mammals	LAB 6 - Mammals
8	Feb. 26- Mar 2	Vertebrate Lecture Exam Feb 27th 'Vascular Plant' Portion begins Feb 28th Introduction to Plant Cells	Vertebrates Lab Exam March 1st
9	Mar. 5-9	Plant Cells con't Plant Organs, Terminology B.C. Biogeoclimatic Zones Indicator Plants	Plant Cells review Plant Tissues Plant Organs
10	Mar. 12-16	Biodiversity of Non-seed Plants in B.C. ** last day to withdraw – March 12th	Plant Organs con't Begin Non-seed plants
11	Mar. 19-23	Biodiversity of Gymnosperms Quiz 2 - Mar. 20th (10%)	Non-seed Plants Begin Gymnosperms
12	Mar. 26-30	Biodiversity of Gymnosperms con't Biodiversity of Angiosperms	Gymnosperms
13	Apr. 2-6	Angiosperms con't April 6 is Good Friday	Mount Plant Specimens Angiosperms
14	April 9-13	April 9 is Easter Monday Angiosperms con't Taxonomy	Angiosperms/Keying Terminology revisited
15	April 16-24	Final Exam Schedule - a lab/lecture final will be scheduled so do not plan to leave town before the 24 th (10%, 20%)	

Course Content and Schedule

Lectures	T/W (01A and 01B)	2:30 – 3:50
Lab	Th (01A)	11:30 – 1:20
	Th (01B)	9:00 – 10:50

5. Basis of Student Assessment (Weighting)

(a)	Assignments	10% for each half of the course = 20%
(b)	Quizzes	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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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.