

**COURSE DESCRIPTION**  
Grading Systems

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**CAMOSUN COLLEGE**  
*School Of Arts & Science*  
*Environmental Technology*

**ENVR 215**  
Winter 2005

**COURSE OUTLINE**

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**1. Instructor Information**

- (a) Instructor: Russ Frith / Dianne Humphrey
- (b) Office hours: See office doors
- (c) Location: F-248A / F-248B
- (d) Phone: 370 –3434 / 370-3432  
Alternative: A/S office 370-3298
- (e) E-mail: [frith@camosun.bc.ca](mailto:frith@camosun.bc.ca) / [humphrey@camosun.bc.ca](mailto:humphrey@camosun.bc.ca)
- (f) Website: [www.camosun.bc.ca](http://www.camosun.bc.ca)
- (g) Lab technologists: Linda Grimm, Dave Thomas, Leslie Glover

**3. Required Materials**

- (a) **Texts**  
Hickman, Roberts, and Larson. 2003. Animal Diversity. McGraw Hill. 3<sup>rd</sup> ed.  
Pojar and McKinnon. 1994. Plants of Coastal British Columbia. Lone Pine Press

**Laboratory Manual**

Frith, R. and D. Humphrey. 2005. ENVR 215 Laboratory Manual. Camosun College. Victoria, B.C.

\*\* Extra pages may be produced on an ongoing basis throughout the term.

- (b) **Other**

**Optional Study Aids:**

Gregory and Campbell. 1996. The Reptiles of British Columbia. Royal B. C. Museum.  
Corkran and Thoms. 1966. Amphibians of Oregon, Washington, and B.C. Lone Pine Press

Larrison. 1976. Mammals of the Northwest. Seattle Audubon Society.

Lamb and Edgell. 1986. Coastal Fishes of the Pacific Northwest. Harbour Pub.

Peterson and Peterson. 1990. Western Birds/ A Field Guide to Western Birds. Houghton Mifflin Co.

Van De Graff, Kent M. and John L. Crawley. 1996. A Photographic Atlas for the Biology Laboratory 3<sup>rd</sup> edition. Morton Publishing Company. Englewood, Calif.

Harris, J.G. and H.W. Harris. 1994. Plant Identification Terminology, An

Illustrated Glossary. Spring Lake Pub. Spring Lake, Utah.

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Cannings R. and S. Cannings. 1996. British Columbia - A Natural History.  
Greystone Press.

Other text and reference materials may be suggested throughout the term. There is a good selection of Biology books in F-244, in the Lansdowne Camosun Library, in the Interurban Camosun Library, in the UVIC Library, and in various Government Buildings. Ask your instructor for details.

#### 4. Course Content and Schedule

This course covers the identification and environmental relationships of important British Columbia vertebrate animals and vascular plants. Labs will stress taxonomy and keying. Vertebrate groups studied are fish, amphibians, reptiles, birds, and mammals. A plant collection which was begun in ENVR 204 will be assembled during this course.

Prerequisites: Biology 224 and 228, ENVR 110

Weekly Schedule: 3 hours of lecture and 2 hours of lab. Each student should plan to spend at least 6 hours on this course each week, outside of formal class time. That time will be for completion of assignments and studying.

### ENVR 215 Course Schedule

(This schedule is tentative and may change somewhat as the course progresses.)

Week	Date	Lecture Topics	Lab Topics
1	Jan. 10-14	Introduction to Biodiversity Fish	<b>LAB 1 – Royal BC Museum Field Trip</b>
2	Jan. 17-21	Fish	<b>LAB 2 – Fish</b>
3	Jan. 24-28	Amphibians and Reptiles	<b>LAB 3</b> Amphibians, and Reptiles
4	Jan. 31-Feb 4	Birds <b>Quiz 1 – Jan 31<sup>st</sup> (10%)</b>	<b>LAB 4 – Birds</b>
5	Feb. 7-11 <b>Feb. 10-11</b>	Birds <b>Reading Break</b>	<b>LAB 5 – Bird Watching</b>
6	Feb. 14-18	Birds/Mammals	<b>LAB 6 - Mammals</b>
7	Feb. 21-25	Mammals	<b>Lab Exam</b>

**'Vertebrate' Portion of the course - Completed by Feb. 28<sup>th</sup>**

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8	Feb. 28- Mar 4	Vertebrate Lecture Exam Feb 28 <b>'Vascular Plant' Portion of the Course Begins in lecture Mar 1</b> Introduction to Plant Cells	
9	Mar. 7-11	Plant Cells con't Plant Organs, Terminology B.C. Biogeoclimatic Zones Indicator Plants	Plant Cells Plant Tissues Plant Organs
10	Mar. 14-18	Biodiversity of Non-seed Plants in B.C. <b>** last day to withdraw – March 14<sup>th</sup></b>	Plant Organs con't Begin Non-seed plants
11	Mar. 21-25	Biodiversity of Gymnosperms <b>Quiz 2 - Mar. 21<sup>st</sup> (10%)</b>	Non-seed Plants Begin Gymnosperms
12	Mar. 28-Apr. 1	Biodiversity of Gymnosperms con't Biodiversity of Angiosperms <b>Good Friday is March 25<sup>th</sup> and Easter Monday is March 28<sup>th</sup></b>	Gymnosperms
13	Apr. 4-Apr. 8	Angiosperms con't	Mount Plant Specimens Angiosperms
14	April 11-15	Review of ecological and economic importance of vascular plants in B.C.	Angiosperms/Keying Terminology revisited Taxonomy
15	April 18-26	Final Exam Schedule - a <b>lab/lecture final will be scheduled</b> so do not plan to leave town before the 26 <sup>th</sup> <b>(10%, 20%)</b>	

### 5. Basis of Student Assessment (Weighting)

Vertebrate animals will be covered in the first half of the course and evaluated in that time period. Vascular plants will be covered in the second half of the course and evaluated at the end of the course. Each half of the course will contribute 50% of your course grade.

A. Vertebrate Animals	50% total
Quiz 1 – Jan. 31 <sup>st</sup>	10%
Lab Activities	10%
Lab/Lecture Final – Feb. 23 <sup>rd</sup> /Feb. 28 <sup>th</sup>	30% - (lab 10%, lec 20%)
B. Vascular Plants	50% total
Quiz 2 - March 21 <sup>st</sup>	10%
Lab Activities	10%
Lab/Lecture Final - Scheduled in Final Exam Period	30% - (lab 10%,lec 20%)

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#### 6. Grading System

The following percentage conversion to letter grade will be used:

A+ = 95 - 100%	B = 75 - 79%	D = 50 - 59%
A = 90 - 94%	B- = 70 - 74%	F = 0.0 - 49%
A- = 85 - 89%	C+ = 65 - 69%	I = See Calendar for Details
B+ = 80 - 85%	C = 60 - 64%	AUD = Audit

W = Official withdrawal has taken place.

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

Additional Information

1. You are responsible for all material presented during the laboratory and lecture periods.
2. It is expected that assignments will be turned in on time. Late assignments may be submitted up to 5 days past the due-date as long as the instructor has not marked and returned the assignments to the rest of the class. There will be a penalty assessed of 15% of their graded value per school day that they are late. All work submitted must be typed or word-processed.
3. Be sure that you are familiar with the General Department Policies which are stated in the course information package. Each student is required to sign a Laboratory Safety Contract and give it to the instructor prior to commencing laboratory work in the course.
4. If you need help with study skills, note taking, etc. - visit the Learning Skills Center in Fisher 128.
5. The last day to withdraw from Winter 05 Semester courses without academic penalty is March 14<sup>th</sup>.

### 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, Registrar's Office or the College web site at <http://www.camosun.bc.ca>

### ACADEMIC CONDUCT POLICY

There is an Academic Conduct Policy. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section.

[www.camosun.bc.ca/divisions/pres/policy/2-education/2-8](http://www.camosun.bc.ca/divisions/pres/policy/2-education/2-8)

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