



**School of Arts & Science
BIOLOGY DEPARTMENT**

**BIOL 124-001
Evolution and Diversity
2008 Winter**

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:	Rosemary Mason		
(b)	Office Hours:	1:30 – 4:30, Wed. & Fri.		
(c)	Location:	E236		
(d)	Phone:	250-370-3301	Alternative Phone:	
(e)	Email:	masonr@camosun.bc.ca		
(f)	Website:	www.masonr.disted.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. Identify and classify living organisms to their major taxonomic groupings, and to list their defining characteristics.
2. Describe the major lines of evidence for evolution.
3. Explain major topics in evolutionary theory.
4. Discuss the nature of scientific knowledge in biology, its limits and strengths, and how it is documented.

3. Required Materials

- 1) Textbook: Campbell, N. A. & J. B. Reece. 2007. Biology, 8th ed., Pearson Education, Inc., San Francisco, CA.
- 2) Camosun College Biology Faculty. Winter 2008. Biology 124 Lab Manual, Camosun College, Victoria, B.C.

4. Course Content and Schedule

Course Content and Schedule

The schedule, which follows, is an attempt to outline the weekly activities of the class. It is subject to change or modification as the need arises.

Week	Date	Lecture Topic	Ch.	Labs
1	Jan 7-11	Biological Diversity lecture	26	Introduction
2	Jan 14-18	Evolution – Darwinian	22	Lab 1
3	Jan 21-25	Population Evolution	23	Lab 2
4	Jan 28 – Feb 1	Prokaryotes	27	Lab 3 & Appendix 3 - Microscopes
5	Feb 4-8	Protists	28	Prokaryote lab
6	Feb 11-15	Lecture Midterm 1		Bacterial lab - complete Protist lab
Feb. 14 & 15 Reading Break – Classes cancelled				
7	Feb 18-22	Protists	28	Lab Midterm
8	Feb 25-29	Plants	29 & 30	Seedless plant lab
9	Mar 3-7	Plants	30	Seed plant lab
10	Mar 10-14	Fungi	31	Fungi Lab
11	Mar 17-21	Animal Evolution Lecture Midterm 2	32	Invertebrate Lab 9 & 10
Mar. 21 & 24 - Good Friday & Easter Monday – College closed				
12	Mar 24-28	Invertebrates	33	No Lab
13	Mar 31 -Apr 4	Vertebrates	34	Vertebrate Lab 11
14	Apr 7-11	Review & Catchup		Lab Final

5. Basis of Student Assessment (Weighting)

(Should be linked directly to learning outcomes.)

Lab Exam I	15%
Lab Exam II	15%
Midterm I	15%

Midterm II	15%
Final Lecture Exam	25%
Assignments/quizzes	15%

*** Midterms I and II will be unit exams. The final lecture exam will be cumulative.

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
90-100	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	Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite.	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 E-1.5 at camosun.ca 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, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. <i>(For these courses a final grade will be assigned to either the 3rd course attempt or at the point of course completion.)</i>
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.

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