

CAMOSUN COLLEGE
Biology 124 – Evolution and Diversity
Winter 2004

Instructor: Tom Mace
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Office hours: Monday – Friday 12:30 – 13:30

Schedule:	Lecture:	Sect.001	Weds.,Thurs.,Fri. 09:30 - 10:20
		Sect.002	Mon.,Weds.,Thurs. 13:30 - 14:20
	Laboratory:	Sect.001	Monday 09:30 – 12:20 (Group A)
			Monday 14:30 – 17:20 (Group B)
	Sect.002	Tuesday 09:30 – 12:20 (Group A)	
		Tuesday 14:30 – 17:20 (Group B)	

RECOMMENDED TEXT

Campbell, Neil A. and Jane B. Reece. 2002. **Biology 6th ed.** Benjamin Cummings

LABORATORY MANUAL

Biology 124. **Laboratory Manual.** Camosun College.

EVALUATION

Midterm Lecture Exam 20 %
Final Lecture Exam 35 %

Lab Exam I 17.5 %
Lab Exam II 17.5 %

Assignments 10 %

The College has adopted the following standard grade scale, to be used in all courses:

A+	95 – 100%	B+	80 – 84%
A	90 – 94%	B	75 – 79%
A-	85 – 89%	B-	70 – 74%
C+	65 – 69%	D	50 – 59%
C	60 – 64%	F	0 – 49%

Tentative Schedule

Note: Suggested readings refer to selections from Campbell 6th edition. The course content may contain additional information not covered within these passages. In addition, you will be able to obtain the same information from sources other than your textbook.

	<u>Lecture Topic</u>	<u>Laboratory Exercise</u>
Jan.5 - 9	Diversity of Life (pp 522 – 523) Evolutionary Time (pp 484 – 493)	No Laboratory During First Week
Jan.12 - 16	Evolution Theory (Chapt.22) Population Genetics (Chapt.23)	1 – Natural Selection
Jan.19 - 23	Prokaryotes: Archaea and Eubacteria (Chapt.27) Origins of Life (pp 510 – 522)	2 – Population Genetics
Jan.26 - 30	Protista (Chapt.28)	3 - Phylogenetics and Classification (pp 494 – 503)
Feb.2 - 6	Protista	4 - Microscopes
Feb.9 - 13	Fungi (Chapt.31) Feb.12 – 13 Reading Break	5 – The Prokaryotes
Feb.16 - 20	Lecture Midterm Exam – Weds. Feb. 18 Fungi	6 – The Protists
Feb.23 - 27	Early Land Plants (Chapt.29)	Midterm Lab Examination
Mar.1 - 5	Seed Plants (Chapt.30)	7 – Kingdom Fungi
Mar.8 - 12	Invertebrates I (Chapt.32)	8 – Seedless Plants
Mar.15 - 19	Invertebrates II (Chapt.33)	9 – Seed Plants
Mar.22 - 26	Chordata and Relatives (Chapt.33)	10 – Kingdom Animalia
Mar.29 – Apr.2	Vertebrates I (Chapt.34)	10 – More Kingdom Animalia
Apr.5 - 9	Vertebrates II	Final Laboratory Examination

Final Lecture Examination to be scheduled during formal examination period (April 13 –21)