

CAMOSUN COLLEGE

Biology 124 – Evolution and Diversity

Spring 2004

Instructor: Tom Mace
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Office hours: Monday – Friday 12:30 – 1:30

Course Schedule: Lecture: Monday, Tuesday 2:30 – 5:20
Laboratory: Wednesday, Thursday 2:30 – 5:20

RECOMMENDED TEXT

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

Note: During the course, suggested readings and page references will refer to the recommended text. However, the same information is available from sources other than your textbook or the 6th edition of Campbell and Reece.

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

Week 1	May 3/4	Diversity and Origins of Life (Chapters 25, 26) Evolution Theory (Chapt.22)
	May 5	Lab: Phylogenetics and Classification (pp 484 – 503)
	May 6	Lab: Natural Selection
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Week 2	May 10/11	Population Genetics (Chapt.23) Prokaryotes (Chapt.27)
	May 12	Lab: Population Genetics
	May 13	Lab: Microscopes
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Week 3	May 17/18	Protista (Chapt.28) / Fungi (Chapt.31)
	May 19	Lab: Prokaryotes
	May 20	Lab: Protist Diversity
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Week 4	May 24	Victoria Day Parade
	May 25	Early Land Plants (Chapt.29)
	May 26	Midterm Lecture and Lab Examinations
	May 27	Lab: Kingdom Fungi
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Week 5	May 31/ June 1	Seed Plants (Chapt.30) Invertebrates I (Chapt.32)
	June 2/3	Lab: Kingdom Plantae
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Week 6	June 7/8	Invertebrates II / Chordata and Relatives (Chapt.33)
	June 9/10	Lab: Kingdom Animalia
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Week 7	June 14/15	Vertebrates (Chapt.34)
	June 17	Final Laboratory Examination