

CAMOSUN COLLEGE
BIOLOGY 100 - NON-MAJORS BIOLOGY 1
Winter 2003

Instructor: Ted Davis
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Office hours: TBA

Schedule: Lecture: Monday, Tuesday, Thursday 3:30 – 4:30 [M,T F268, Th F100]
Laboratory: Tuesday 2:30 – 5:20 [F244]

PREREQUISITES

English 12 or assessment. Math 10 recommended. Students intending to take further courses in the Sciences will require mathematics in addition to Math 10. Note: Students with Biology 11 or BIOL 060 should take BIOL 100 to complete their two semesters of preparatory courses for a Biology for Majors program.

WEEKLY SCHEDULE

3 hours of lecture/discussion and 3 hours of lab. Each student should plan on a minimum of 6 hours outside of scheduled class time for the completion of assignments and for general studying.

RECOMMENDED TEXT

Johnson, George, B. (2003). **The Living World**. McGrawHill Companies, Inc.

LABORATORY MANUAL

Biology 100 (Non-Majors Biology 1) Laboratory Manual and Supplementary Materials. Camosun College.

COURSE MARK

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

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

EVALUATION

a) Lab Exam I	12.5%
b) Midterm I	15%
c) Midterm II	15%
d) Lab Exam II	12.5%
e) Term Assignments	20%
f) Final Exam	25%

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

ADDITIONAL INFORMATION

Be sure that you are familiar with the General Department Policies which are stated in the lab manual and which will be discussed during the first scheduled laboratory. A student conduct code also will be observed and can be found in the Calendar on pages 42 - 48.

Each student is required to sign a Laboratory Safety Contract and give it to the instructor prior to commencing laboratory work in the course.

Lab attendance is **mandatory**. A 3% lab grade penalty may be imposed for unexcused lab absences.

Biology 100 includes lab work with dissection. Students who have questions or concerns regarding dissection must see the instructor prior to the end of the second week of classes.

No programmable devices are allowed in exams.

Students who have recently completed grade 12 Biology will notice an overlap of course content

McGrawHill, the publisher of your textbook, has donated a prize of \$100 to be awarded to the Biology 100 student who has achieved the highest mark in the course.

COURSE SCHEDULE BIOLOGY 100

Winter 2001

Instructor: Dr. Ted Davis

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

DATE	LECTURE AND DISCUSSION	WEEK	LAB #	LAB TOPICS
Jan 6 - 10	Taxonomy, Chemistry of Life	1	1	Some Laboratory Equipment A
Jan 13 - 17	Macromolecules, Water, pH	2	1	Some Laboratory Equipment B
Jan 20 - 24	Cell Structure and Function	3	2	Eukaryotic and Prokaryotic Cells A
Jan 27 - 31	Cellular Respiration, Photosynthesis, Review	4	2	Eukaryotic and Prokaryotic Cells B
Feb 3 - 7	MIDTERM I (Feb 3) Buffers and Diffusion, Energetics	5	3	Diffusion and Osmosis A
Feb 10 - 12	Circulatory and Gas Exchange Systems	6	3	Diffusion and Osmosis B
Feb 17 - 21	Respiration, Protein Synthesis	7		LAB EXAM I : Groups A and B
Feb 24 - 28	Digestive System, Excretory System	8	4	Properties of Enzymes A
Mar 3 - 7	Cell cycle, Mitosis and Meiosis	9	4	Properties of Enzymes B
Mar 10 - 14	MIDTERM II (March 10) Genetics	10	5	Introduction to Genetics A
Mar 17 - 21	Genetics, Nervous System	11	5	Introduction to Genetics A
Mar 24 - 28	Immune System	12	6	Comparative Anatomy A
Mar 31 - Apr 4	Nutrition, Cancer, Scientific knowledge	13	6	Comparative Anatomy B
April 7 - 11	Scientific knowledge Reviews	14		LAB EXAM II : Groups A and B

Dates:

February 13-14: Reading Break

March 10: Last day to withdraw

April 11: Last day of classes

April 14 – 25: Exams – **DO NOT MAKE OTHER PLANS FOR THIS PERIOD!!!!**