Camosun College Biology 080 (Winter 2003) General Information

Biology 080 is an introductory biology course for students interested in learning about the structure and function of the human body, as well as for students wishing to obtain grade 12 equivalency. The major areas of study are cell biology, cellular processes and human anatomy/physiology.

InstructorTom MaceOfficeFisher 246Telephone370-3506

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Office Hours Monday – Friday 12:30 – 1:30

Schedule: Section W01 Monday, Wednesday, Thursday 11:30 – 12:20

Friday 9:30 – 12:30

Section W02 Monday, Wednesday, Thursday 2:30 – 3:20

Friday 1:30 – 4:30

Texts: Mader, Sylvia. **Inquiry into Life** (10th ed) William C Brown Publ

Biology 080 Lab Manual

Course Evaluation:

Lab	Assignments	15 %	Lecture	Midterm Exam I	15%
	Lab exam I	12.5 %		Midterm Exam II	15%
	Lab exam II	12.5 %		Final Exam	30%

Grading System:

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

General Notes:

Exams must be written during the scheduled time. In the event of illness, students must notify the instructor prior to the exam. Make-up exams will only be permitted if a valid written medical excuse has been provided by a physician.

Attendance in the laboratory is mandatory. Students who were not present during the lab will not receive credit for lab assignments. Late assignments will be assessed a penalty of 15% for every day overdue and will not be accepted after grading of the assignments has been completed.

Biology 080 – Winter 2003 Tentative Course Schedule

Week	Lecture Topics	Textbook Chapter	Laboratory
Jan. 6 - 10	Introduction Basic Chemistry	1	Lab 1 (Parts 1 – 4) Metric Measurement (Group A)
Jan. 13 - 17	Water and pH Biological Macromolecules	2	Lab 1 (Group B)
Jan. 20 - 24	Nucleic Acids DNA Replication		Lab 1 (Parts 5 - 6) pH and Buffers Lab 2 Organic Macromolecules (Group A)
Jan. 27 - 31	Transcription and Translation Cancer	25	Lab 1, Lab 2 (Group B)
	Genetic Engineering	26	
Feb. 3 - 7	Lecture Midterm (Feb 3) Introduction to Cells		Lab 4 Microscopy and Cell Structure (Group A)
Feb. 10 - 12	Cell Membranes Cell Structure and Function	3 4	Feb. 13, 14 – Reading Break
Feb. 17 - 21	Metabolism and Enzymes	6	Lab 4 Microscopy and Cell Structure (Group B)
Feb. 24 - 28	Organ Systems Digestion	11 12	Lab 5 Diffusion and Osmosis (Group A)
Mar. 3 - 7	Digestion Respiration		Lab 5 (Group B)
Mar. 10 - 14	Lecture Midterm II (Mar 10) Cardiovascular System	15 13	Lab 7 Enzymatic Hydrolysis of Food (Group A)
Mar. 17 - 21	Cardiovascular System Lymphatics and Immunity		Lab 7 (Group B)
Mar. 24 - 28	Urinary System	14 16	Lab 6 Dissection, Lab 8 Cardiovascular System (Group A)
Mar.31-Apr.4	Reproduction	21	Lab 6, Lab 8 (Group B)
Apr. 7 – 11	Nervous System	17	Lab Examination II (Groups A and B)