

CAMOSUN COLLEGE
Department of Biology
Biology 202: Introductory Microbiology 1
Course Information - Fall 2002

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Course Materials

Reference Text: Optional; Strongly Recommended
 Prescott, L.M. 2001 *Microbiology*. 5th Edition McGraw-Hill

Laboratory Manual: Required
 Baugh, C.E., 2002-03 *Biology 202/203 Laboratory Manual*. Camosun College, Victoria BC

Laboratory Coat: Required
 Disposable, water repellent lab coat for use in the microbiology lab only.

Lecture Outlines: Required
 Download from my web page. Hyperlink to Biol. 202; click on the lecture topic.
 Hard copies are on reserve in the Biol. 202 file in the library.

Course Evaluation

Lecture Component	70% of the course mark		
Quiz 1	5%	Quiz 2	5%
Date: September 27; all sections		Date: November 22; all sections	
Material Covered: TBA		Material Covered: TBA	
Midterm Exam	25%		
Date: October 25; all sections			
Material Covered: Lecture material from the beginning of week 1 through to the end of week 7			
Final Exam	35%		
Date: To be scheduled during the final exam period.			
Material Covered: The final exam will be comprehensive, however emphasis will be placed on material presented after the midterm exam.			

Laboratory Component	30% of the course mark		
Lab Exams & Quizzes	18%		
Lab Exam 1	5%	Lab Exam 2	10%
Date: October 9; all sections		Date: December 4; all sections	
Material Covered: Labs 1, 2, 3 & 4		Material Covered: Labs 6, 7, 8, 9 & 11	
Pre-Lab Quizzes	3%		
Date: Weekly			
Material Covered: Weekly Lab			
Lab Reports	12%		
Lab 5: Selected portions of Parts I & II will be written as a report worth 5%.			
Lab 8: Selected portions of Part II will be written as a report worth 4% .			
Environmental Isolate Lab will be written as a report worth 3%			

Grading System

The School of Arts and Science has adopted the following letter grade and percentage scale:

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

Exam Return Policy

Term lecture and lab exams will be returned and taken up with the class. The exams will then be collected by the instructor and retained for a period of one year. Students are welcome to review these exams in the instructor's office during regular office hours.

Laboratory Attendance

As this is a laboratory-based course, attendance in the lab is mandatory. For attendance purposes, labs have been assigned a value of 1% per lab hour. Students who miss three lab hours or less will not be penalized. However, students who miss more than three hours of lab during the semester will be docked 1% of their course mark per lab hour missed beyond the allowable three hours.

Laboratory Reports

Formal lab reports will be handed in one week following the completion of that exercise. It is expected that all lab reports will be handed in on time. Late reports will be accepted, but will be assessed a penalty of 15% of their letter grade value per day late. Reports, which have not been handed in by the end of the lab period on the day that the report is due, will be considered one day late. Additional late penalties will accumulate at 4:30 p.m. on each following day. Weekends (Saturday and Sunday) count as two days for late penalties. Therefore, a lab, which was due at 2:30 p.m. Friday, and not handed in until 9:00 a.m. Monday would be assessed a late penalty of 30%.

Plagiarism

All written material, including lab data, is to be presented individually. Should two very similar reports be received, the mark will be either be divided between the students, or both students will forfeit their mark for that report. Plagiarism, including the copying of any part of assignments, laboratory reports and essays is a serious offense and is considered to be an academic misconduct.

Cheating

A student caught cheating on an exam will forfeit that exam and perhaps the course. Cheating is a serious offense and is considered to be an academic misconduct.

Missed Exams

All in class exams and the final exam must be written at the scheduled time. Only in emergency circumstances, illness or family crisis, may a student write an exam before or after the scheduled time. It is the student's responsibility to ensure that the instructor is notified if an exam must be missed. Such notification must occur in advance if possible or, at the latest, the day of the exam. The student will be required to provide verification of the emergency circumstance (i.e. medical certificate) in order to write a make-up exam.

*** HOLIDAYS OR SCHEDULED FLIGHTS ARE NOT CONSIDERED TO BE EMERGENCIES ***

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Course Schedule - Fall 2002

This is a tentative outline of the weekly activities of the class. It is subject to modification as the need arises.

Week	Date	Lecture Topic	Text Chapter	Laboratory Exercise
1	Sep. 2 Sep. 3 – 6	HOLIDAY (Labor Day) Introduction to Microbiology Introduction to Prokaryotic & Eukaryotic Cells		Lab Orientation Lab Safety/WHMIS
2	Sep. 9 – 13	Prokaryotic Cell Structure and Function	3, 5	Start Environmental Isolate Lab Lab 1
3	Sep. 16 – 20	Prokaryotic Cell Structure and Function	3	Lab 2
4	Sep. 23 – 27 Sep. 27	Prokaryotic Cell Structure and Function QUIZ # 1	3	Lab 3
5	Sep. 30 – Oct. 4	Bacterial Growth and Reproduction	6, 5	Lab 4
6	Oct. 7 – 11 Oct. 9	Bacterial Growth and Reproduction	6	Lab 5 - Part I* LAB EXAM #1
7	Oct. 14 Oct. 15 – 18	HOLIDAY (Thanksgiving) Control of Microbial Growth	7	Lab 5 - Part II* Lab 6
8	Oct. 21 – 25 Oct. 25	Control of Microbial Growth MIDTERM EXAM	7	Lab 7 Lab 8 - Part I
9	Oct. 28 – Nov. 1	Microbial Metabolism: ATP Generation	5, 8	Lab 8 - Part II*
10	Nov. 4 – 8 Nov. 5	Microbial Metabolism: ATP Generation LAST DAY TO WITHDRAW	8, 9	Lab 9
11	Nov. 11 Nov. 12 – 15	HOLIDAY (Remembrance Day) Microbial Metabolism: ATP Generation	9	Lab 11
12	Nov. 18 – 22 Nov. 22	Microbial Metabolism: ATP Generation Introduction to Viruses QUIZ # 2	9 16	Complete Environmental Isolate*
13	Nov. 25 – 29	Animal Viruses	18	Review/ Tutorial
14	Dec. 2 – 6 Dec. 4	Animal Viruses/ Bacterial Viruses	18, 17	LAB EXAM # 2

* Lab Report Required