CAMOSUN COLLEGE Department of Biology Biology 203: Introductory Microbiology 2 Course Information- Winter 2004

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Course Materials:

Reference Text: Optional; Strongly Recommended

Prescott, L.M. 2002 Microbiology. 5th Edition McGraw -Hill

Laboratory Manual: Required

Biology Department, 2003 - 04 *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

Purchase a "Demand Publishing" Coupon from the Bookstore.

Electronic copies will be posted on my web page at the end of that lecture section.

Course Evaluation:

Lecture Component	70% o	of the course mark
Quiz 1	5%	Date: February 5; all sections
Material C	Covered: TE	BA
Quiz 2	5%	Date: March 25; all sections
Material C	Covered: TE	BA
Midterm Exam	25%	Date: February 26; all sections
Material C	Covered: Le	cture 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 C	Covered: Th	e final exam will be comprehensive, however emphasis will be placed on
	ma	terial presented after the midterm exam.

Laboratory Component30% of the course mark

Lab Exams & Quizzes 19% Lab Exam 1 5% Date: February 11; all sections Material Covered: Labs 12, 13, and 14 Lab Exam 2 10% Date: April 7; all sections Material Covered: Labs 15, 16, 17, 18, 19 and 20 Pre-Lab Quizzes 4%

Lab Reports 11% Lab 14 = 4%; Lab 16 = 5%; Lab 18 = 2%

Grading System:

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

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

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.

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 *

CAMOSUN COLLEGE Department of Biology Biology 203: Introductory Microbiology 2 Course Schedule - Winter 2004

	This is a tentative of	outline of the weekly activities of the class. It is subject to	modification as t	he need arises.
Week	Date	Lecture Topic	Text	Laboratory
			Chapter	Exercise
1	Jan. 5 – 9	Prokaryotic DNA Replication and		Media Preparation
		Gene Expression	11, 12	1
		-		
2	Jan. 12 – 16	Prokaryotic DNA Replication and		Rapid ID Methods
		Gene Expression	11, 12	Lab 12
2	I 10 22	M: 1:10 /:	11 12	T 1 10
3	Jan. $19 - 23$	Microbial Genetics:	11, 13	Lab 13
		Mutation; Recombination		
4	Jan. 26 - 30	Microbial Genetics:		Lab 14
		Mechanisms of DNA Acquisition	13	
		-		
5	Feb. 2 - 6	Microbial Genetics:		Lab 14*
		Mechanisms of DNA Acquisition	13	
	Feb. 5	Quiz # 1		
6	Feb. 9 – 13	Microbial Genetics:		Lab Exam # 1
		Recombinant DNA Technology	14	Wed. Feb. 11
	Feb. 12 – 13	Reading Break		No Lab Friday
7	Feb. 16 – 20	Microbial Genetics:		Lab 15
		Genomics	15	
8	Feb. 23 – 27	Immunology:		Lab 17
		Specific/ Adaptive Immunity	32	
	Feb. 26	Midterm Exam		
9	Mar $1-5$	Immunology:		Lab 16*
,		Specific/ Adaptive Immunity	32	Lab Io
		Specific/ Adaptive minumery	52	
10	Mar 8 – 12	Immunology:		Lah 18*
10	Mai. 0 12	Nonspecific/Innate Immunity	31	Lab 10
	Mar. 8	Last Day to Withdraw	51	
11	Mar. 15 – 19	Immunology:		Lab 19
		Nonspecific/Innate Immunity	31	200 17
		Pathogenicity of Microorganisms	34	
12	Mar 22 26	Dethogenicity of Microorganisms	34	Lab 20
12	$\frac{1}{1}$	Pathogenicity of Microorganishis	54	La0 20
	Mar. 25	Quiz # 2		
13	Mar 20 Apr 2	Pathogenicity of Microorganisms	34	Review/Tutorial
15	Mai. 27 - Api. 2	Enidemiology	34	Keview/Tutomai
		Epidemiology	57	
14	Apr. $5-8$	Epidemiology	37	Lab Exam # 2
	<u>r</u> • •	_r85	2.	Wed. Apr. 7
	Apr. 9	Good Friday		······································