

**Grande Prairie Regional College
Department of Science**

Course Outline: MI 1330 Medical Microbiology Fall 2009

MI 1330 *Medical Microbiology and Infectious Diseases 3 (3-0-0)*

This is a general microbiology course dealing with microorganisms, their nature, distribution and role in disease. Particular emphasis is placed on the epidemiology of infection, responsibilities of hospitals, and prevention and control of infection.

Instructor: Dr. Sean Irwin
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Prerequisite: Biology 30

Transfer: University of Alberta MI 133

Required Text : Totoro, G.J. et al., Microbiology: An Introduction (10thed.),
Pearson Education, Inc., San Francisco, CA, 2010.

Lectures: Mon. 11 :30 - !:00pm Room J202
 Fri. 10:00- 11:20, Room H211

Evaluation :	Quiz I -	15%
	Midterm Exam -	30%
	Quiz II -	15%
	Online Activities -	5%
	Final Exam -	35%

Office Hours : Monday / Wednesday - 10:00 - 11:20 am
 Friday -1:00 – 2:20 pm
 Also by appointment

Course Objectives:

1. To gain an understanding of microbe structure and function.
2. To gain a knowledge of human infectious diseases and how they are transmitted.
3. To gain an understanding of human infectious disease that will facilitate future work in the medical field.
4. To develop critical thinking skills with respect to infectious diseases of the human body.

MI 1330 YA2 Fall 2009

Sept. 4	Unit 1	Ch. 1: pg. 2-7; 9-19.
Sept. 7	Labour Day	
Sept. 11	Unit 2	Ch. 4: pgs. 77–98; 98–106 (Review).
Sept. 14	Lab	
Sept. 18	Unit 3	Ch. 5: pgs. 114-119 and 124-134.
Sept. 21	Unit 4	Ch. 6: pgs. 157-163; 170-173 and <i>Ch. 7.</i>
Sept. 25	Unit 5	Ch. 8: <i>pgs. 211 - 212; 226; 233 - 240.</i>
Sept. 28	Quiz / Unit 6	Ch. 13
Oct. 2	Unit 7	Ch. 14
Oct. 5	Unit 8	Ch. 15
Oct. 9	Unit 9	Ch. 16: <i>pgs. 449 - 465; 469-472.</i>
Oct. 12	<i>Thanksgiving Day</i>	
Oct. 16	Unit 10	Ch. 17: <i>pgs. 449 - 465; 469-472.</i>
Oct. 19	Unit 11/ Review	Ch. 18: <i>pgs. 501 - 506.</i>
Oct. 23	<i>Midterm</i>	

MI 1330 YA2 Winter 2010

Jan. 8	Unit 12a	Ch. 20: pg. 553 - 566.
Jan. 11	Unit 12b	Ch. 20: pg. 566 – 578.
Jan. 15	Unit 13	Ch. 21
Jan. 18	Unit 14	Ch. 22
Jan. 22	Field Trip	
Jan. 25	Quiz / Unit 15	Ch. 23
Jan. 29	Unit 15	Ch. 23
Feb. 1	Unit 16	Ch. 24
Feb. 5	Unit 17	Ch. 25
Feb. 8	Unit 18	Ch. 26
Feb. 12	Catch-up/ Review	
Feb. 15	Family Day	
Feb. 19	Final Exam	

<u>Alpha Grade</u>	<u>Approximate Percentage</u>
A+	90 – 100
A	85 – 89
A-	80 – 84
B+	76 – 79
B	73 – 75
B-	70 – 72
C+	67 – 69
C	64 – 66
C-	60 – 63
D+	55 – 59
D	50 – 54
F	0 – 49