

Grande Prairie Regional College
Department of Science

Course Outline : MI1330
Medical Microbiology and Infectious Diseases
Fall 1993

Course Description:

The objective of this course is to introduce students to the importance of microbiology in the health sciences and to familiarize them with the epidemiology, prevention and control of many commonly occurring infections.

Instructor: Sean Irwin
Office: J223
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538-1278 (Home)

Prerequisite: Biology 30

Required Text: Jensen, M.M. and Wright, D.N., Introduction to Microbiology for the Health Sciences (3rd ed.), Prentice Hall Publishers, NJ, 1993.

Lectures: Place: G118
Time: Mon. 8:00-9:50
Tues. 8:30-9:20

Labs: Place: J228
Time: Tues. 16:30-17:20

Evaluation:

Lab Reports (3)	15%
Quizzes (2)	15%
Mid-Term Exam	30%
Final Exam	40%

Students are advised to attend all lectures as they will be responsible for all course material presented in the lectures.

MI1330 CLASS SCHEDULE
(Tenative)

<u>Lecture</u>	<u>Date</u>	<u>Topic</u>	<u>Text Ch.</u>
1	Sept 7	Intoduction	
2	Sept 13	Bacteria	4,5,7
3	Sept 14	Genetics	6
4	Sept 20	Normal Flora\Pathogens	10,14
5	Sept 21	Host Defences	11
6	Sept 27	Immunity\Vaccination	12,13
7	Sept 28	Staphylococci	15
8	Oct 4	Streptococci/Quiz c.v.1 endocarditis	16,17
9	Oct 5	Enterobacteriaceae	24
	Oct 11	Thanksgiving Day	
10	Oct 12	Nonfermentive Gram -ve bacilli	25
11	Oct 18	Haemophilus, Neisseria and Bordetella	18,23
12	Oct 19	c.v.2 pneumonia c.v.3 meningitis	
13	Oct 25	Mid-Term	
14	Oct 26	Antimicrobials	9
15	Nov 1	Anaerobes-Gram -ves c.v.4 urinary tract infection	20
16	Nov 2	c.v.5 cellulitis	
17	Nov 8	Gram +ve bacilli, STD's	21
18	Nov 9	Mycobacteria	22
19	Nov 15	Virology/Quiz Influenzae, RSV, Maesles	32,33 37,38
20	Nov 16	Herpes, simplex, zoster	35
21	Nov 22	Feild Trip	
22	Nov 23	Hepatitis, HIV	36,41
23	Nov 29	Fungus, Protozoa	30,31
24	Nov 30	Disinfection\sterilization	8
25	Dec 6	Infection control and specimin collection	43
26	Dec 7	Spare\plagues	