

Grande Prairie Regional College
Department of Science

Course Outline : MI1330 Medical Microbiology and Infectious Diseases Fall 1994

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: Dr. Sean Irwin
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Prerequisite: Biology 30

Required Text: Mims *et al.*, Medical Microbiology, Mosby-Yearbook Europe Limited, London, 1993.

Lectures: Place: A204
Time: Mon. 8:00-9:50
Tues.8:30-9:20

Labs: T.B.A.

Evaluation:	Reports (3)	15%
	Mid-Term I	20%
	Mid-Term II	30%
	Final Exam	35%

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 6	Intoduction	1
2	Sept 12	Microorganisms\Normal Flora	3
3	Sept 13	Genetics\Metabolism	
4	Sept 19	Host Defences	4, 5, 6
5	Sept 20	Immunity\Vaccination	7, 36
6	Sept 26	Invasion\Transmission\Spread	10, 11, 13
7	Sept 27	U.R.T. Infections	20
8	Oct 3	The Eye and L.R.T. Infections c.v.1 pneumonia	21, 22
9	Oct 4	Midterm I	
	Oct 10	Thanksgiving Day	
10	Oct 11	U.T.I.	23
11	Oct 17	S.T.D.s,	24
12	Oct 18	Obstetric\Perinatal Infections c.v.2 urinary tract infection	26
13	Oct 24	G.I. Infections	25
14	Oct 25	G.I.\c.v.3 gastroenteritis	25
15	Oct 31	C.N.S. Infections	27
16	Nov 1	C.N.S.\c.v.4 meningitis	27
17	Nov 7	Infections of the Skin,Muscles...	28
18	Nov 8	c.v.5 Pericarditis	
19	Nov 14	World-wide Virus Infections	29
20	Nov 15	Vector-Bourne Infections	30
21	Nov 21	Infections in the Compromised Host c.v.6 AIDs	33
22	Nov 22	Multisystem Zoonotic Infections	31
23	Nov 28	Antimicrobials	35
24	Nov 29	Infection control\Specimin collection	39, 17
25	Dec 5	Disinfection\sterilization	39
26	Dec 6	Review	