Grande Prairie Regional College Department of Science and Technology

Course Outline: MI1330 Medical Microbiology and Infectious Diseases Winter 1997

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 occuring infections,

Instructor:

Dr. Sean Irwin

Office: J223

Phones:

539-2860 (Office)

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Prerequisite: Biology 30

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

London, 1993.

Lectures:

Place: J226

Time: MWF - 10:00-10:50

Labs:

Place: J126

Time: Fri. - 15:00-16:50

Evaluation:

Reports (3) 15% Mid-Term I 20%

Mid-Term II Final Exam

30% 35%

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

MI1330 CLASS SCHEDULE

Lecture	<u>Date</u>		Topic	Text Ch.
1	Jan	6	Intoduction/ Definitions	Asterna estale
2 3 4 5 6 7	Jan	8	Microorganisms	1
3	Jan		Genetics/ Metabolism	2,3
4	Jan	13	Normal Flora	3
5	Jan	15	Host Defences	
6	Jan	17	Host Defences	4, 5
	Jan	20	Immunity/Vaccination	6.7
8	Jan	22	Invasion/Transmission	7, 36
9	Jan	24	Spread/ Pathogenesis	10, 11
10	Jan	27	U.R.T. Infections	13, 16
11	Jan	29	The Eye and L.R.T. Infections	20
12	Jan	31	c.v.1 pneumonia	21, 22
13	Feb	3	U.T.I.	00
14	Feb	5	Midterm I	23
15	Feb	7	Thanksgiving Day	
16	Feb	10	S.T.D.s,	24
17	Feb	12	c.v.2 S.T.D.	24
18	Feb	14	Obstetric\Perinatal Infections	26
	Feb	17	Family Day	20
19	Feb	19	G.I. Infections	25
20	Feb	21	G.I.\c.v.3 gastroenteritis	25
	Feb	24	Winter Break	20
	Feb	26	Winter Break	
	Feb	28	Winter Break	
21	Mar	3	C.N.S. Infections	27
22	Mar	5	C.N.S.\c.v.4 meningitis	27
23	Mar	7	Infections of the Skin, Muscles	28
24	Mar	10	c.v. 5 necrotizing fasclitis	20
25	Mar	12	Midterm 2	
26	Mar	14	World-wide Virus Infections	29
27	Mar	17	Vector-Bourne Infections	30
28	Mar	19	Multisystem Zoonotic Infections	31
29	Mar	21	Infections in the Compromised Host	33
30	Mar	24	c.v.6 AIDs	
31	Mar	26	Antimicrobials	35
	Mar	28	Good Friday	92724
32	Mar	31	Antimicrobials	35
33	Apr	2	Epidemiology/ Infection Control	38
34	Apr	4	Infection control/Specimin collection	39, 17
35	Apr	7	Disinfection/sterilization	39
36	Apr	9	Review	W. C.