

Grande Prairie Regional College
Department of Science and Technology

MI 1330 Medical Microbiology and Infectious Diseases Fall 1999
Course Outline – 2nd Year CBL

MI 1330 Medical Microbiology and Infectious Diseases 3(3-1-0)

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
Office: J223
Phones: 539-2860 (Office)
538-1278 (Home)

Prerequisite: Biology 30

Required Text: Nester *et. al.*, Microbiology: A Human Perspective, McGraw-Hill, New York, 1998
ISBN – 0-697-28602-9

Fixed Resource Session: Tuesday - 8:30-9:50, J202

Lab/Seminar: Wednesday – 16:00-17:20, J130

Evaluation:	Mid-Term I	20%
	Fall Final Exam	25%
	Mid-Term II	20%
	Final Exam	35%

Office Hours : Tuesday - 11:30 - 12:30 pm
Wednesday - 11:30 - 12:30 pm
Thursday - 10:00 – 11:00 am
Also by appointment

MI 1330 Course Outline – Fall 1999

Week 1

Anatomy of Prokaryotes and Eukaryotes (Ch. 3)
Viral Structure (Ch. 13)
C.V. – Otitis Media

Week 2-

Nonspecific Immunity (Ch. 15)
Specific Immunity (Ch. 16)
C.V. – Obstetric Infections

Week 3-

Specific Immunity (Ch. 16)
Vaccination (Ch. 17)

Week 4-

Interactions Between Microorganisms and Humans (Ch. 19)
C.V. – The Compromised Host

Midterm I – Sept. 29.

Week 5-

Skin Infections (Ch. 22)
Wound Infections (Ch. 29)
C.V. – Surgical Infections

Week 6-

URT Infections (Ch. 23)

Week 7-

LRT Infections (Ch. 24)

Final Fall Exam – Nov. 3

MI 1330 Course Outline – Winter 2000

Week 1-

STD's and UTIs (Ch. 27)

Week 2-

G I. Infections (Ch. 26)
C.V. – *H. pylori*

Week 3-

CNS Infections (Ch. 28)
C.V. – Meningitis

Week 4-

Blood and Lymphatic Infections (Ch. 30)

Midterm II –

Week 5 -

Epidemiology (Ch. 20)

Week 6-

Disinfection and Sterilization (Ch. 9)

Week 7-

Antimicrobials (Chapter 21)

Final Exam -