

**Grande Prairie Regional College
Department of Science and Technology**

**MI 1330 Medical Microbiology and Infectious Diseases Fall 2003
Course Outline – 1st 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)
567-2226 (Home)

Prerequisite: Biology 30

Required Text: Tortora *et. al.* 8th ed., Microbiology: An Introduction, Addison Wesley, New York, 2004.
ISBN – 0-8053-7613-5

Fixed Resource Session: Friday - 8:30 - 10:00, J226

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

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

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Week 1

Introduction (Ch. 1)

Prokaryotes and Eukaryotes (Ch. 4)

Week 2-

Viruses (Ch. 13)

Week 3-

Growth/Control of Growth (Ch. 6,7)

Week 4-

Principles of Disease (Ch. 14)

Week 5 -

Midterm I – Fri., Oct. 10

Week 6-

Mechanisms of Pathogenicity (Ch. 15)

Week 7-

Vaccination (Ch. 18)

Week 8-

Antimicrobial Drugs (Ch. 20)

Week 9-

Antimicrobial Drugs (Ch. 20)

Final Fall Exam – Fri., Nov. 7

