

**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.* 8<sup>th</sup> ed., Microbiology: An Introduction, Addison Wesley, New York, 2004.  
ISBN – 0-8053-7613-5

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

<b>Evaluation:</b>	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

## **MI 1330 Course Outline – Fall 2003**

### **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**

