



**DEPARTMENT OF SCIENCE**  
**COURSE OUTLINE – Winter 2011**  
**MI 1330**

**Medical Microbiology**

**INSTRUCTOR:** Dr. Sean Irwin, Ph.D. **PHONE:** 539-2860 (W); 567-2226 (H)

**OFFICE:** J 221 **E-MAIL:** sirwin@gprc.ab.ca

**OFFICE HOURS:** Mon. 10 - 11:20 am  
Thurs. and Fri. 11:30 – 1:00 pm

**PREREQUISITES:** Biology 30

**REQUIRED TEXT/RESOURCE MATERIALS:**

Totora, G.J. et al., Microbiology: An Introduction (10<sup>th</sup> ed.),  
Pearson Education, Inc., San Francisco, CA, 2010.

**DESCRIPTION:** This is a general microbiology course dealing with microorganisms, their nature, distribution and role in disease. Particular emphasis is placed on the epidemiology of infection, responsibilities of hospitals, and prevention and control of infection.

**CREDIT/CONTACT HOURS:** 3 Credits (3-0-0) UT

**DELIVERY MODE(S):** Lectures – Mon. 10 – 11:20, Rm. J 201  
Fri. 10 – 11:20, Rm. J 201

**OBJECTIVES:**

1. To gain an understanding of microbe structure and function.
2. To gain a knowledge of human infectious diseases and how they are transmitted.
3. To gain an understanding of human infectious disease that will facilitate future work in the medical field.
4. To develop critical thinking skills with respect to infectious diseases of the human body.

**TRANSFERABILITY:** UA, UC, UL, AU, AF, CU, KUC**EVALUATION:**

Quiz I -	15%
Midterm Exam -	30%
Quiz II -	15%
Online Activities -	5%
Final Exam -	35%

**STUDENT RESPONSIBILITIES:** Students are responsible for**STATEMENT ON PLAGIARISM AND CHEATING:**

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the res

### MI 1330 YA1 Winter 2011

Jan. 7	Unit 12a	Ch. 20: pg. 553 - 566.
Jan. 10	Unit 12b	Ch. 20: pg. 566 – 578.
Jan. 14	Unit 13	Ch. 21
Jan. 17	Unit 14	Ch. 22
Jan. 21	Catch-up/ Review	
Jan. 24	Quiz	
Jan. 28	Field Trip	
Jan. 31	Unit 15	Ch. 23
Feb. 4	Unit 16	Ch. 24
Feb. 7	Unit 17	Ch. 25
Feb. 11	Unit 18	Ch. 26
Feb. 14	Catch-up/ Review	
Feb. 18	Final Exam	

### MI 1330 YA2 Winter 2011

Feb. 28	Unit 12a	Ch. 20: pg. 553 - 566.
Mar. 4	Unit 12b	Ch. 20: pg. 566 – 578.
Mar. 7	Unit 13	Ch. 21
Mar. 11	Unit 14	Ch. 22
Mar. 14	Catch-up/ Review	
Mar. 18	Quiz	
Mar. 21	Unit 15	Ch. 23
Mar. 25	Field Trip	
Mar. 28	Unit 16	Ch. 24
Apr. 1	Unit 17	Ch. 25
Apr. 4	Unit 18	Ch. 26
Apr. 8	Final Exam	

**GRADING CRITERIA:**

<b>GRANDE PRAIRIE REGIONAL COLLEGE</b>			
<b>GRADING CONVERSION CHART</b>			
<b>Alpha Grade</b>	<b>4-point Equivalent</b>	<b>Percentage Guidelines</b>	<b>Designation</b>
<b>A<sup>+</sup></b>	<b>4.0</b>	<b>90 – 100</b>	<b>EXCELLENT</b>
<b>A</b>	<b>4.0</b>	<b>85 – 89</b>	
<b>A<sup>-</sup></b>	<b>3.7</b>	<b>80 – 84</b>	<b>FIRST CLASS STANDING</b>
<b>B<sup>+</sup></b>	<b>3.3</b>	<b>77 – 79</b>	
<b>B</b>	<b>3.0</b>	<b>73 – 76</b>	<b>GOOD</b>
<b>B<sup>-</sup></b>	<b>2.7</b>	<b>70 – 72</b>	
<b>C<sup>+</sup></b>	<b>2.3</b>	<b>67 – 69</b>	<b>SATISFACTORY</b>
<b>C</b>	<b>2.0</b>	<b>63 – 66</b>	
<b>C<sup>-</sup></b>	<b>1.7</b>	<b>60 – 62</b>	
<b>D<sup>+</sup></b>	<b>1.3</b>	<b>55 – 59</b>	<b>MINIMAL PASS</b>
<b>D</b>	<b>1.0</b>	<b>50 – 54</b>	
<b>F</b>	<b>0.0</b>	<b>0 – 49</b>	<b>FAIL</b>
<b>WF</b>	<b>0.0</b>	<b>0</b>	<b>FAIL, withdrawal after the deadline</b>