



DEPARTMENT OF SCIENCE
COURSE OUTLINE – MI 1330
MEDICAL MICROBIOLOGY – WINTER 2012

INSTRUCTOR: Dr. Sean Irwin, Ph.D. **PHONE:** 539-2860 (W); 567-2226
OFFICE: J 221 **E-MAIL:** sirwin@gprc.ab.ca

OFFICE HOURS: Tues., Wed., and Thurs. 10:00 – 11:20 am

PREREQUISITE(S)/COREQUISITE: Biology 30

REQUIRED TEXT/RESOURCE MATERIALS:

Tотора, G.J. et al., Microbiology: An Introduction (10th ed.),
Pearson Education, Inc., San Francisco, CA, 2010.

CALENDAR 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. 11: 30 – 12:50, J 201
Fri. 10 – 11:20, J 201

OBJECTIVES (OPTIONAL):

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:

** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability

GRADING CRITERIA:

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

EVALUATIONS:

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

STUDENT RESPONSIBILITIES:

Students are responsible for the course material presented in lectures and assigned readings.

STATEMENT ON PLAGIARISM AND CHEATING:

Refer to the Student Conduct section of the College Admission Guide at

<http://www.gprc.ab.ca/programs/calendar/> or the College Policy on Student Misconduct: Plagiarism and Cheating at www.gprc.ab.ca/about/administration/policies/**

**Note: all Academic and Administrative policies are available on the same page.

COURSE SCHEDULE/TENTATIVE TIMELINE:

MI 1330 YA1 Winter 2012

Jan. 6	Unit 12a	Ch. 20: pg. 553 - 566.
Jan. 9	Unit 12b	Ch. 20: pg. 566 – 578.
Jan. 13	Unit 13	Ch. 21
Jan. 16	Unit 14	Ch. 22
Jan. 20	Catch-up/ Review	
Jan. 23	Quiz II	
Jan. 27	Unit 15	Ch. 23
Jan. 30	Field Trip	
Feb. 3	Unit 16	Ch. 24
Feb. 6	Unit 17	Ch. 25
Feb. 10	Unit 18	Ch. 26
Feb. 13	Catch-up/ Review	
Feb. 17	Final Exam	

COURSE SCHEDULE/TENTATIVE TIMELINE:

MI 1330 YA2 Winter 2012

Feb. 27	Unit 12a	Ch. 20: pg. 553 - 566.
Mar. 2	Unit 12b	Ch. 20: pg. 566 – 578.
Mar. 5	Unit 13	Ch. 21
Mar. 9	Unit 14	Ch. 22
Mar. 12	Catch-up/ Review	
Mar. 16	Quiz II	
Mar. 19	Unit 15	Ch. 23
Mar. 23	Field Trip	
Mar. 26	Unit 16	Ch. 24
Mar. 30	Unit 17	Ch. 25
Apr. 2	Unit 18	Ch. 26
Apr. 6	Good Friday	