



DEPARTMENT OF SCIENCE

COURSE OUTLINE – MI 1330

MEDICAL MICROBIOLOGY – WINTER 2013

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

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

OFFICE HOURS: *Scheduled Eluminate sessions or Friday 11:00 – 12:20 pm*

PREREQUISITE(S)/COREQUISITE: Biology 30

REQUIRED TEXT/RESOURCE MATERIALS:

Tотора, G.J. et al., Microbiology: An Introduction (10th or 11th 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): Online

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%
Presentation/Attendance	5%*
Final Exam -	30%

STUDENT RESPONSIBILITIES:

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

*You must attend 75% (six) of the *Illuminate* sessions or the office hour sessions to receive these marks

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 Winter 2013

Week 1	Unit 1	Ch. 1: pg. 2-7; 9-19.
Week 2	Unit 2	Ch. 4: pgs. 77-98; 98-106 (Review).
	Unit 3	Ch. 5: pgs. 114-119 and 124-134.
Jan. 20 th 7 pm – <i>Eliminate</i> session online. (You must attend this session or the office hour session)		
Week 3	Unit 4	Ch. 6: pgs. 157-163; 170-173 and Ch. 7.
	Unit 5	Ch. 8: pgs. 211 - 212; 226; 233 - 240.
Jan. 27 th 7 pm – <i>Eliminate</i> session online.		
Week 4	Quiz I Monday Jan. 28 th 7pm	
	Unit 6	Ch. 13
Week 5	Unit 7	Ch. 14
	Unit 8	Ch. 15
Feb. 10 th 7 pm – <i>Eliminate</i> session online.		
Week 6	Unit 9	Ch. 16: pgs. 449 - 465; 469-472.
	Unit 10/11	Ch. 17
		Ch. 18: pgs. 501 - 506.
Week 7	Winter Break	
Feb. 24 th 7 pm – <i>Eliminate</i> session online.		
Week 8	<i>Midterm February 25th 7pm (Proctored)</i>	
	Unit 12a and 12b	Ch. 20: pg. 553 - 578.
Week 9	Unit 13	Ch. 21
March 10 th 7 pm – <i>Eliminate</i> session online.		
Week 10	Unit 14	Ch. 22
Week 11	Quiz II Monday March 18 th 7pm	
	Unit 15	Ch. 23
March 24 th 7 pm – <i>Eliminate</i> session online.		
Week 12	Unit 16	Ch. 24
Week 13	Unit 17	Ch. 25
April 7 th 7 pm – <i>Eliminate</i> session online.		
Week 14	Unit 18	Ch. 26
April 21 st 7 pm – <i>Eliminate</i> session online.		
Final Exam April 22 (<i>Proctored</i>)		