



DEPARTMENT OF SCIENCE
COURSE OUTLINE – FALL 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. 10:00 – 11:20 am
 Tues. 13:00 – 14:20 pm
 Fri. 11:30 – 12:50 pm

PREREQUISITE(S)/COREQUISITE: Biology 30

REQUIRED TEXT/RESOURCE MATERIALS:

Tотора, G.J. et al., Microbiology: An Introduction (10thed.),
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: UA, UC, UL, AU, AF, CU, KUC

**** 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**

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:

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

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

COURSE SCHEDULE/TENTATIVE TIMELINE:

MI 1330 YA1 Fall 2011

Sept. 9	Unit 1	Ch. 1: pg. 2-7; 9-19.
Sept. 12	Unit 2	Ch. 4: pgs. 77-98; 98-106 (Review).
Sept. 16	Lab	
Sept. 19	Unit 3	Ch. 5: pgs. 114-119 and 124-134.
Sept. 23	Unit 4	Ch. 6: pgs. 157-163; 170-173 and Ch. 7.
Sept. 26	Unit 5	Ch. 8: pgs. 211 - 212; 226; 233 - 240.
Sept. 30	Quiz / Unit 6	Ch. 13
Oct. 3	Unit 7	Ch. 14
Oct. 7	Unit 8	Ch. 15
Oct. 10	<i>Thanksgiving Day</i>	
Oct. 14	Unit 9	Ch. 16: pgs. 449 - 465; 469-472.
Oct. 17	Unit 10/11	Ch. 17
		Ch. 18: pgs. 501 - 506.
Oct. 19	Fall Final Exam	

COURSE SCHEDULE/TENTATIVE TIMELINE:

MI 1330 YA2 Fall 2011

Oct. 24	Unit 1	Ch. 1: pg. 2-7; 9-19.
Oct. 28	Unit 2	Ch. 4: pgs. 77-98; 98-106 (Review).
Oct. 31	Lab	
Nov. 4	Unit 3	Ch. 5: pgs. 114-119 and 124-134.
Nov. 7	Unit 4	Ch. 6: pgs. 157-163; 170-173 and Ch. 7.
Nov. 11	Remembrance Day	
Nov. 14	Unit 5	Ch. 8: pgs. 211 - 212; 226; 233 - 240.
Nov. 18	Quiz / Unit 6	Ch. 13
Nov. 21	Unit 7	Ch. 14
Nov. 25	Unit 8	Ch. 15
Nov. 28	Unit 9	Ch. 16: pgs. 449 - 465; 469-472.
Dec. 2	Unit 10	Ch. 17.
Dec. 5	Unit 11	Ch. 18: pgs. 501 - 506.
Dec. 9	Review	

Fall Final Exam – Scheduled by the registrars office