



DEPARTMENT OF ANIMAL SCIENCE

COURSE OUTLINE – FALL 2016

AH 174 LABORATORY PROCEDURES AND MICROBIOLOGY – 4.5 (4.5-0-3) 120HOURS

16 Weeks

INSTRUCTOR:	Chris Mizzi DVM Kristy Honing RAHT	PHONE:	780-835-6617 780-835-6779
OFFICE:	AS133 AS150A	E-MAIL:	cmizzi@gprc.ab.ca khoning@gprc.ab.ca
OFFICE HOURS:	See posted on office doors (Dr. Mizzi 780-228-3018 cell)		

CALENDAR DESCRIPTION:

Students will develop proficiency in care and use of lab equipment, performing dilutions, conversions and quality control. Features of bacteria, fungi and viruses are discussed and basic microbiological agents are covered. Students will learn to group bacteria and fungi according to staining results, morphology and characteristics. Practical microbiological procedures will be performed or discussed to help differentiate common microbiological pathogens. Important veterinary infectious diseases and their clinical signs, treatment and human health implications are discussed. Case studies will be used in presentation of course material.

PREREQUISITE(S)/COREQUISITE:

- Must be registered in the GPRC Animal Health Technology Program

REQUIRED TEXT/RESOURCE MATERIALS:

- Sirois, Laboratory Procedures for Veterinary Technicians, Mosby, 6th Edition

DELIVERY MODE(S):

Lab (Kristy Honing)

Lecture (Dr.Mizzi)

COURSE OBJECTIVES/LEARNING OUTCOMES:**TRANSFERABILITY:** (if applicable)

A list of institutions to which this course transfers (For example: UA, UC, UL, AU, GMU, CU, CUC, KUC. Please note that this is a sample and it must be replaced by your specific course transfer)

*Warning: Although we strive to make the transferability information in this document up-to-date and accurate, the student has the final responsibility for ensuring the transferability of this course to Alberta Colleges and Universities. Please consult the Alberta Transfer Guide for more information. You may check to ensure the transferability of this course at Alberta Transfer Guide main page <http://www.transferalberta.ca> or, if you do not want to navigate through few links, at <http://alis.alberta.ca/ps/tsp/ta/tbi/onlineSearch.html?SearchMode=S&step=2>

** 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

(The following criteria may be changed to suite the particular course/instructor)

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**.

EVALUATIONS:

GRADING CRITERIA:					
GRADING CONVERSION CHART for ANIMAL HEALTH TECHNOLOGY					
OVERALL GRADE POINT AVERAGE HAS TO BE 2.0 OR HIGHER TO BE SUCCESSFUL IN THE AHT PROGRAM.					

Alpha Grade	4-point Equivalent	Percentage Guidelines	Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	90-100	C+	2.3	67-69
A	4.0	85-89	C	2.0	63-66

A-	3.7	80-84		C-	1.7	60-62
B+	3.3	77-79		FAIL	1.3	55-59
B	3.0	73-76		FAIL	1.0	50-54
B-	2.7	70-72		WF	0.0	00-49

EXAMINATIONS	Mark Distribution
A. Quizzes & Assignments	35%
B. Midterm Exam	15%
C. Final Exam (lecture)	25%
D. Final Exam (lab)	25%
	100%

A minimum of 60% must be obtained in order to successfully pass AH174.

COURSE SCHEDULE/TENTATIVE TIMELINE:

As posted

STUDENT RESPONSIBILITIES:

Enrolment at GPRC assumes that the student will become a responsible citizen of the College. As such, each student will display a positive work ethic, take pride in and assist in the maintenance and preservation of Institute property, and assume responsibility for his/her education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting instructor expectations concerning attendance, assignments, deadlines, and appointments.

STATEMENT ON PLAGIARISM AND CHEATING:

Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, 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 <http://www.gprc.ab.ca/about/administration/policies/>

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

ADDITIONAL INFORMATION: (optional)

YEAR: August 2016

