



**DEPARTMENT OF ANIMAL SCIENCE**

**COURSE OUTLINE – WINTER 2020**

**AH 442 ANIMAL DISEASES – 3 (5-0-0) 60 HOURS**

**12 Weeks**

<b>INSTRUCTOR:</b>	Dr. S.Klassen	<b>PHONE:</b>	780 835 6633 (office)
<b>OFFICE:</b>	FAS 141	<b>E-MAIL:</b>	sklassen@gprc.ab.ca
<b>OFFICE HOURS:</b>	As posted		

**CALENDAR DESCRIPTION:**

Students will be able to discuss disease based on classification as metabolic, nutritional, inherited, toxic, endocrine or other. Common diseases of domestic animals will be discussed with respect to etiology, specific hosts, diagnostic techniques, treatment and prevention and human health implications.

**PREREQUISITE(S)/COREQUISITE:**

- Must be registered in the GPRC Animal Health Technology Program
- AH244, AH342

**REQUIRED TEXT/RESOURCE MATERIALS:**

- Various; suggested *Merck Veterinary Manual*, Merck & Co., 2010, 10th Edition or Merck Veterinary Manual online
- Some relevant materials will be posted on the student drive under Animal Diseases

**DELIVERY MODE(S):**

Lecture

## **COURSE OBJECTIVES/LEARNING OUTCOMES:**

An introduction to common diseases of domestic animals in the following categories (but not necessarily in this order):

- **Canine & Feline Metabolic & Endocrine Disorders**  
On completion of this unit, the student will be able to briefly discuss the etiology, specific hosts, diagnostic techniques, treatment, prevention, and human health implications of common canine and feline metabolic and endocrine disorders.
- **Canine & Feline Degenerative & Inherited Diseases**  
On completion of this unit, the student will be able to briefly discuss the etiology, specific hosts, diagnostic techniques, treatment, prevention, and human health implications of common canine and feline degenerative and inherited disorders.
- **Canine & Feline Infectious Diseases**  
On completion of this unit, the student will be able to briefly discuss the etiology, specific hosts, diagnostic techniques, treatment, prevention, and human health implications of common canine and feline infectious diseases.
- **Bovine Diseases**  
On completion of this unit, the student will be able to briefly discuss the etiology, diagnostic techniques, treatment, prevention, and human health implications of common bovine infectious, metabolic, and endocrine disorders.
- **Equine Diseases**  
On completion of this unit, the student will be able to briefly discuss the etiology, diagnostic techniques, treatment, prevention, and human health implications of common bovine infectious, metabolic, and endocrine disorders.
- **Ovine Diseases (optional-if time permits)**
- **Porcine Diseases (optional-if time permits)**

## **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:**

<b>GRADING CONVERSION CHART for ANIMAL HEALTH TECHNOLOGY</b>
<ul style="list-style-type: none"> <li><b>OVERALL GRADE POINT AVERAGE HAS TO BE 2.0 OR HIGHER TO BE SUCCESSFUL IN THE AHT PROGRAM.</b></li> </ul>

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

<b>EXAMINATIONS</b>	Mark Distribution
<b>A. Tests &amp;/or Assignments</b>	100%
	<b>100%</b>

\*A minimum of 60% must be obtained in order to successfully pass AH442.

**COURSE SCHEDULE/TENTATIVE TIMELINE:**

In this course, students will be assigned weekly a list of diseases to research and will be tested the next week on those diseases. There will be no midterm or final exams, only the weekly tests or assignments which will compose the entire final grade. Students are assigned class time to complete their research.

Students who miss any of the tests for any reason may not be able to write them later. If missed because of a valid reason (ie. illness with a doctor’s note or similar, documented issue), other tests may be made to be worth more. If missed without documentation or a valid reason (validity at the instructor’s discretion), the student will receive a mark of zero for that test.

**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.

YEAR:

