



**DEPARTMENT OF ANIMAL HEALTH TECHNOLOGY**

**COURSE OUTLINE – AH 445**

**PHARMACY AND PHARMACOLOGY – 2012**

**INSTRUCTOR:** Dr. Klassen or **PHONE:** 780-835-  
TBA  
**OFFICE:** FAS **E-MAIL:** sklassen@gprc.ab.ca  
**MAIL:**

**PREREQUISITE(S)/COREQUISITE:**

Students must complete and pass AH 344, AH345, AH346.

**REQUIRED TEXT/RESOURCE MATERIALS:**

- Wanamaker & Massey, *Applied Pharmacology for the Veterinary Technician*, Saunders, 2009 , 4th Edition

**CALENDAR DESCRIPTION:**

Basic pharmacological principles are taught and students learn to recognize different groups of drugs and their basic actions. In the pharmacy, the student will become familiar with common veterinary drugs and their indications, administration and side effects or toxic actions. Legal implications of dispensing drugs and risks associated with off label or improper use are discussed. Students learn to prepare and dispense veterinary preparations and educate clients about their use

**CREDIT/CONTACT HOURS:**

**Course Code:** AH445

**Course Title:** Pharmacy and Pharmacology

**Hours:** 60

**DELIVERY MODE(S):**

Lectures only

**OBJECTIVES (Optional):**

**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:**

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

\*overall grade average has to be 2.0 or higher to be successful in the program.

**EXAMINATIONS:**

**4. Student Evaluation**

To pass this course, the student must achieve a minimum grade

of 50% on the final written exam (applies to the supplemental, as well) and a minimum overall grade of 60% in the entire course. Attendance will not be assigned a mark in this class, but if a student misses a class or a lab (including quizzes and exams), any assignments and/or quizzes and/or exams and/or handouts, whether scheduled or not, that occur or are distributed in the class or lab that was missed, will not be provided to the student or made up in any way. The student will be assigned a mark of zero for those assignments/exams/ etc. missed. IF the student contacts the instructor PRIOR to missing a class/lab/exam/etc., and if the student has an acceptable excuse (the validity of the excuse is at the discretion of the instructor and will require documentation such as a note from a doctor), the student may be excused without penalty and may be given access to the missed material. Overall excessive absence, coming to class late, or leaving during class, may result in mark deductions at the instructor's discretion. For further clarification on the attendance policy, see the AHT Program guidelines in the orientation booklet.

If the requirements to pass the course have not been met, a supplemental exam is available for the final written exam only, and only if the overall grade for the course is above 50%.

### **Mark Distribution**

<b>A.</b> Quizzes & Assignments	30%
<b>B.</b> Midterm Exam	30%
<b>C.</b> Final Exam	40%
	<b>100%</b>

### **STUDENT RESPONSIBILITIES:**

Enrolment at the College assumes that the student will become a responsible citizen of the Institute. 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:**

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.

### **COURSE SCHEDULE/TENTATIVE TIMELINE:**

- A.** Introduction to Pharmacology & Drugs
- B.** Drugs Commonly Used in Veterinary Medicine
- C.** Drug Regulations & Pharmacy Management

#### **A. Introduction to Pharmacology & Drugs**

Upon successful completion of this Learning Outcome Guide, you will be able to describe and discuss definitions relating to pharmacology, drug sources, drug actions and effects, drug stability, drug distribution, metabolism, and excretion, and dosage forms of drugs.

#### **B. Drugs Commonly Used in Veterinary Medicine**

Upon successful completion of this Learning Outcome Guide, you will be able to define and discuss the various classes of drugs and the drugs within each class which are commonly used in veterinary medicine. This includes identification of individual drugs and their effects and side effects.

#### **C. Drug Regulations & Pharmacy Management**

Upon successful completion of this Learning Outcome Guide, you will be able to describe and discuss veterinary drug regulations and management of the veterinary pharmacy.

\*overall grade point average has to be 2.0 or higher to be successful in the AHT program.

Created by: <Instructor Name>      Date:

Signature:

Approved by: Trisha Holubowich      Date:

Signature: