



**DEPARTMENT OF ANIMAL SCIENCE**

**COURSE OUTLINE – FALL 2015**

**AH173 APPLIED MATHEMATICS – 1(1-0-0)**

<b>INSTRUCTOR:</b>	Dr. Chris Mizzi	<b>PHONE:</b>	780-835-6617
<b>OFFICE:</b>	AS-133	<b>E-MAIL:</b>	cmizzi@gprc.ab.ca
<b>OFFICE HOURS:</b>	See posted on door (cell 780-228-3018)		

**PREREQUISITE(S)/COREQUISITE:**

- Must be registered in the GPRC Animal Health Technology Program

**REQUIRED TEXT/RESOURCE MATERIALS:**

Essential Calculations for Veterinary Nurses and Technicians, Lake & Green, 2nd ed.

**CALENDAR DESCRIPTION:**

Mathematical concepts that are frequently encountered by the Animal Health Technician will be covered and a working knowledge of common measurement systems and conversions is developed. Accurate calculations using correct notation and units are required.

**CREDIT/CONTACT HOURS:**

**21 (1-0-0) 16 weeks, 16 Hours**

**DELIVERY MODE(S):**

**Lecture**

**OBJECTIVES (OPTIONAL):**

Module 1: Measurement Systems

Module 2: Drug Administration

Module 3: Dose Calculations

Module 4: Dilutions &amp; Solutions

**TRANSFERABILITY: (if applicable)**

\*\* 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 for ANIMAL HEALTH PROGRAM</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 point average has to be 2.0 or higher to be successful in the AHT program.

**EVALUATIONS:**

**EXAMINATIONS**

Mark Distribution

<b>A. Quizzes &amp; Assignments</b>	40%
<b>B. Final Exam</b>	60%

**100%**

A minimum of 60% must be obtained in order to successfully pass AH 173.

**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:**

Refer to the College Policy on Student Misconduct: Plagiarism and Cheating at

[https://www.gprc.ab.ca/files/forms\\_documents/Student\\_Misconduct.pdf](https://www.gprc.ab.ca/files/forms_documents/Student_Misconduct.pdf)

\*\*Note: all Academic and Administrative policies are available at

<https://www.gprc.ab.ca/about/administration/policies/>

**COURSE SCHEDULE/TENTATIVE TIMELINE:**

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- N/A

**ADDITIONAL INFORMATION:** (optional)

- Any material handed in to an instructor must be in blue or black pen, no white out, medical corrections only. Disruptive behavior in the class will result in the student being excused from the class – this includes use of cell phones or any hand held equipment that has not been approved by the instructor.
- Any student wishing to see a marked quiz or midterm must make an appointment with the instructor to view or go over. Final exams are not available to be viewed by a student.

YEAR: 2015/2016

