



**DEPARTMENT OF ANIMAL HEALTH
COURSE OUTLINE – WINTER 2010
AH 173 APPLIED MATH**

INSTRUCTOR: Dr. Chris Mizzi **PHONE:** 780-835-6617
OFFICE: AS 133 **E-MAIL:** cmizzi@gprc.ab.ca

**OFFICE
HOURS:** See posted schedule

PREREQUISITE(S)/COREQUISITE: Student must be registered in Animal Health Technology

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 AHT 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: 1/16

DELIVERY MODE(S): Lecture

OBJECTIVES:**Module 1: Measurement Systems****Module 2: Drug Administration****Module 3: Dose Calculations****Module 4: Dilutions & Solutions****TRANSFERABILITY: N/A**

** 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:

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	MINIMAL PASS*
F	1.3	55 – 59	FAIL
	1.0	50 – 54	
	0.0	0 – 49	
WF	0.0	0	FAIL, withdrawal after the deadline

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

STUDENT EVALUATION: Please review GPRC's Examination and Grading policies.

A passing grade in this course is a minimum of 60%. All assignments must be submitted to the instructor by the date and time set. Regular attendance is essential to student success in this course as quizzes and in class assignments cannot be made up unless the instructor is notified PRIOR to the absence and is accompanied by a valid written excuse (Dr.'s note). The student will be given a 0% grade for the missed assignments, quiz or exam for any unexcused absence. LATE ASSIGNMENTS WILL NOT BE ACCEPTED and will result in a 0% grade for the missed/late assignment. For further clarification on the attendance policy, see the AHT Program guidelines in the orientation booklet and the GPRC Policies and Procedures.

See GPRC Examination Policy for more information on exams.

Mark Distribution

A. Quizzes	30%
B. Assignments	10%
C. Final Exam	60%

100%

STUDENT EQUIPMENT AND SUPPLIES

- Simple Calculator
- Blue or Black Pen

STUDENT RESPONSIBILITIES: Enrolment at Grande Prairie Regional College 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.

Additional Information

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.

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.

Created by: Dr. Chris Mizzi

Date:

Signature:

Approved by: Karlee Worobetz

Date:

Signature: