



DEPARTMENT OF ANIMAL HEALTH

COURSE OUTLINE – WINTER 2010

AH 173 APPLIED MATH

INSTRUCTOR: Trisha Holubowich, RAHT **PHONE:** 780-835-6633
OFFICE: AS 136 **E-MAIL:** tholubowich@gprc.ab.ca

OFFICE HOURS: 9 am – 4 pm

PREREQUISITE(S)/COREQUISITE: Enrollment in the Animal Health Technology program at Fairview College Campus of GPRC

REQUIRED TEXT/RESOURCE MATERIALS: Course Pack

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: A passing grade in this course is a minimum of 60% in the theory portion. Deductions at the discretion of the instructor. The instructor may give pop quizzes. There is a supplemental examination available only for the final exam. Students must have a mark of 50% or greater on the final exam to be allowed to write a supplemental exam. No supplemental quizzes allowed. If a student misses a quiz without prior notification and without a valid reason, a mark of zero will be assigned for that quiz. Late assignments not accepted.

Mark Distribution

A. Quizzes	30%
B. Assignments	10%
C. Final Exam	60%
	100%

STUDENT EQUIPMENT AND SUPPLIES

- Simple Calculator
- Blue or Black Pen

EXAMINATIONS:

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.

COURSE SCHEDULE/TENTATIVE TIMELINE:

Created by: Trisha Holubowich, RAHT

Date: _____

Signature: _____

Approved by: Susan Klassen, DVM

Date: _____

Signature: _____

Reviewed By: _____

Date: _____

Signature: _____