



DEPARTMENT OF ANIMAL HEALTH TECHNOLOGY
COURSE OUTLINE – WINTER 2015
AH 244 NUTRITION - (3-0-0)

INSTRUCTOR: Dr. Chris Mizzi **PHONE:** 780-835-6617
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MAIL:

OFFICE
HOURS: See posted schedule

PREREQUISITE(S):
Students must complete and pass AH 172 & AH 173.

REQUIRED TEXT/RESOURCE MATERIALS:
Ann Wortinger, Nutrition of Veterinary Technicians and Nurses, Blackwell, 2007
(Optional)
David Tisch, Animal Feeds, Feeding and Nutrition, and Ration Evaluation, Thomson,
2006 (Optional)

CALENDAR DESCRIPTION: Instruction on basic nutritional requirements, nutrients, additives and preservatives is given. Variations in nutritional considerations for different physiological conditions and for small and large animals are discussed. Normal rations and indications for prescription or specialty diets will be identified. The student will learn to make recommendations to clients and educate them as to their animal's particular needs.

CREDIT/CONTACT HOURS:
Course Code: AH244
Course Title: Nutrition
Hours: 48
Credits: 2.5
DELIVERY MODE(S): Lectures

OBJECTIVES:

A: Introduction to Nutrition

Upon successful completion of this section you will be able to describe and discuss basic nutrition concepts.

B: Large Animal Nutrition

Upon successful completion of this section you will be able to describe and discuss large animal nutrition.

C: Small Animal Nutrition

Upon successful completion of this section you will be able to describe and discuss small animal nutrition.

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:

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.

Evaluations:

	Mark distribution
a. Assignments and Quizzes	25%
b. Midterm Exam	35%
c. Final Exam	40%

A minimum of 60% must be obtained in AH244 to pass. A rewrite final exam will be granted if all the following conditions have been met:

- The student has achieved a passing average on all other work in the course

And

- The grade of the final exam lowers the student's grade by 3 letter grade increments; or the grade on the final examination results in a failing grade in the course.

Regular attendance for lecture is recommended to assure student success. Attendance is mandatory for all guest speakers and class presentations. A 5% deduction will occur if a student has an unexcused absence from a guest speaker or class presentation. It is the student's responsibility to attain missed assignments and notes for a class absence. Missed class assignments and tests without an excused absence will not be made up and will result in a zero mark. Late assignments will not be accepted and will result in a 0% grade for the missed/late assignment.

* Please note: ½ marks will be deducted for spelling errors of medical terminology. Please treat all exams, quizzes and assignments as medical records and only correct answers using medical corrections. Failure to do this will result in mark deductions. Illegible writing will result in deducted marks. No electronic devices are to be used in exams or quizzes. Having an electronic device present during an exam or quiz will result in dismissal from class and an automatic fail on 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 a and assist in the maintenance and preservation of College 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 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 www.gprc.ab.ca/about/administration/policies/**

**Note: all Academic and Administrative policies are available on the same page.

COURSE SCHEDULE/TENTATIVE TIMELINE:

- A. Module 1: Digestive Systems
- B. Module 2: Nutrients
- C. Module 3: Nutrient Requirements for body function
- D. Module 4: Control of Feed Intake in Animals
- E. Module 5: Important Concepts in Nutrition Metabolism
- F. Module 6: Body Condition Scoring
- G. Module 7: Common Feeds for Livestock
- H. Module 8: Feed Sampling
- I. Module 9: Anti-nutritional Factors and Toxins in Feed
- J. Module 10: Feed Additives
- K. Module 11: Nutrition Related Disorders
- L. Module 12: Equine Nutrition
- M. Module 13: Small Animal Nutrition
- N. Module 14: Understanding Food Labels
- O. Module 15: Small Animal: Nutritional Myths