



DEPARTMENT OF ANIMAL SCIENCE

COURSE OUTLINE – WINTER 2016

AH244 NUTRITION – 2.5 (3-0-0)

INSTRUCTOR:	Dr. Chris Mizzi	PHONE:	780-228-3018
OFFICE:	As-133	E-MAIL:	cmizzi@gprc.ab.ca
OFFICE HOURS:	See posted on office door		

PREREQUISITE(S)/COREQUISITE:

- Must be registered in the GPRC Animal Health Technology Program
- AH172
- AH173

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:

2.5 (3-0-0) 16 weeks, 48 Hours

DELIVERY MODE(S):

Lecture

OBJECTIVES (OPTIONAL):

- 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

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:

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART for ANIMAL HEALTH PROGRAM			
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 point average has to be 2.0 or higher to be successful in the AHT program.

EVALUATIONS:

EXAMINATIONS

Mark Distribution

A. Quizzes & Assignments	25%
B. Midterm Exam	35%
C. Final Exam	40%

100%

A minimum of 60% must be obtained in order to successfully pass AH 244.

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

**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

YEAR: 2015/2016

