



DEPARTMENT OF ANIMAL SCIENCE

COURSE OUTLINE – WINTER 2019

AH 244 NUTRITION – 2.5 (3-0-0) 48 HOURS

16 Weeks

INSTRUCTOR:	Dr. Chris Mizzi	PHONE:	780-835-6617
OFFICE:	AS133	E-MAIL:	cmizzi@gprc.ab.ca
OFFICE HOURS:	As posted		

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.

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)

DELIVERY MODE(S):

Lecture

COURSE OBJECTIVES/LEARNING OUTCOMES:

- 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)

A list of institutions to which this course transfers (For example: UA, UC, UL, AU, GMU, CU, CUC, KUC. Please note that this is a sample and it must be replaced by your specific course transfer)

*Warning: Although we strive to make the transferability information in this document up-to-date and accurate, the student has the final responsibility for ensuring the transferability of this course to Alberta Colleges and Universities. Please consult the Alberta Transfer Guide for more information. You may check to ensure the transferability of this course at Alberta Transfer Guide main page <http://www.transferralberta.ca> or, if you do not want to navigate through few links, at <http://alis.alberta.ca/ps/tsp/ta/tbi/onlineSearch.html?SearchMode=S&step=2>

** 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

(The following criteria may be changed to suite the particular course/instructor)

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**.

EVALUATIONS:

GRADING CRITERIA:
GRADING CONVERSION CHART for ANIMAL HEALTH TECHNOLOGY
OVERALL GRADE POINT AVERAGE HAS TO BE 2.0 OR HIGHER TO BE SUCCESSFUL IN THE AHT PROGRAM.

Alpha Grade	4-point Equivalent	Percentage Guidelines	Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	90-100	C+	2.3	67-69
A	4.0	85-89	C	2.0	63-66
A-	3.7	80-84	C-	1.7	60-62
B+	3.3	77-79	FAIL	1.3	55-59
B	3.0	73-76	FAIL	1.0	50-54
B-	2.7	70-72	WF	0.0	00-49

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 AH244.

COURSE SCHEDULE/TENTATIVE TIMELINE:

As posted

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:

Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, 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 <http://www.gprc.ab.ca/about/administration/policies/>

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

ADDITIONAL INFORMATION: (optional)

YEAR: 2018

