Access to HE unit

Unit Title:	Animal Nutrition and Digestive Systems
Unit Level:	Three
Unit Credit Value:	6
Unit Code:	WNI558
Unit Type:	Academic Subject Content
Unit Review Date:	31/12/2028
Graded / ungraded:	Graded

This unit has 5 learning outcomes:

Learning outcomes	Assessment criteria
The learner will:	**The learner can:**
1. Understand the functions of the essential nutrients in an animal's diet.	1.1 Identify the major nutrients required in an animal's diet. 1.2 Explain the function of the major nutrients in an animal's diet. 1.3 Describe a range of sources for each of the major nutrients in animal diets.
2. Understand the nutritional requirements of animals.	2.1 Describe the advantages and disadvantages of dry, fresh, frozen and live food. 2.2 Explain the requirements for a balanced diet in two animals in terms of nutritional content, digestibility, and palatability. 2.3 Explain how palatability impacts the foraging behaviour of animals.
3. Understand the ruminant and non-ruminant digestive systems of animals.	3.1 Illustrate the location of the digestive organs within the body of a single stomached and ruminant digestive system. 3.2 Explain the digestion and absorption of the major nutrients within the body of a single stomached and ruminant digestive system. 3.3 Compare and contrast the efficiency of the ruminant and non-ruminant digestive systems.
4. Understand the energy and nutritional requirements for different animals	4.1 Calculate the energy requirements of two species of agricultural animal at different life

depending on size, age, sex and use to which they are put.	stages, for different sexes and in different systems. 4.2 Calculate the energy requirements of two species of companion animal at a range of life stages. 4.3 Calculate the amounts of nutrients in a ration of animal feed. 4.4 Explain how the calculation of rations can benefit animal health and welfare.
5. Know common animal nutritional problems.	5.1 Explain the causes and signs, of animal nutritional deficiencies, excesses, and disorders. 5.2 Explain the impact on the health and wellbeing of an animal with nutritional deficiencies, excesses, and disorders. 5.3 Compare preventative treatments to cures for nutritional deficiencies, excesses, and disorders.

Assessment (Graded)

1. Meets assessment criteria	At least a Pass
2. Further grading	
▪ Meets assessment criteria but not merit grading standards	Pass
▪ Meets assessment criteria and merit but not distinction grading standards	Merit
▪ Meets assessment criteria and distinction grading standards	Distinction