

## Access to Higher Education Unit

This unit forms part of an Access to HE Diploma. If delivering the graded version of this unit, please refer to the Provider Handbook for details on grading descriptors and the application of these across units within your programme.

**Unit Title:** Equine Nutrition

**Graded Unit Reference Number:** GA36EQU05

**Ungraded Unit Reference Number:** UA36EQU05

**Module:** Equine Studies

**Level:** Three (3)

**Credit Value:** Six (6)

**Minimum Guided Learning Hours:** 60

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Understand the process of digestion	1.1 Identify the major organs of the digestive tract and describe their main functions
	1.2 Explain the four main processes of digestion (Digestion, physical movement, Secretion, absorption).
	1.3 Describe and explain the role, in digestion, of physical processes such as mastication, churning and emulsification
	1.4 Describe the action and site production of digestive enzymes including endo/exopeptidases in digestion, and how these enzymes aid absorption in the gut.
2. Understand common problems and diseases within the equine digestive system	2.1 Identify a 5 common problems and diseases seen within the equine digestive system along with their signs
	2.2 Consider how dietary requirements differ at different life stages including juvenile, pregnancy and lactation
	2.3 Discuss the use of each nutrient and where each nutrient is broken down/ digested.

	2.4	Calculate the nutrient and food amount/requirements for: <ul style="list-style-type: none"> <li>- An underweight horse</li> <li>- An overweight horse</li> <li>- A maintenance diet for a horse</li> </ul>
3. Develop a feeding plan for the horse	3.1	Justify factors to consider when designing a feeding plan.
	3.2	Produce a feeding plan for three horses of different ages/ abilities to include but not limited to: <ul style="list-style-type: none"> <li>- Mare in foal</li> <li>- High level competition horse</li> </ul>
	3.3	Collate and compare monitoring techniques for the feeding plan.
	3.4	Evaluate potential problems/ issues to consider with the feeding plans.
4 Evaluate a variety of feeding and watering techniques for the horse	4.1	Compare a variety of feeding techniques for the horse.
	4.2	Summarise a variety of watering techniques for the horse noting the pros and cons of each.
	4.3	Justify the use of different feeding/ watering techniques for 5 of the commonly seen problems within the equine digestive system