Changing lives through learning

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: Introduction to Equine Rehabilitation and Therapy

Graded Unit Reference Number: GA33EQU06

Ungraded Unit Reference Number: UA33EQU06

Module: Equine Studies

Level: Three (3)

Credit Value: Three (3)

Minimum Guided Learning Hours: 30

Learning Outcome (The Learner will):		Assessment Criterion (The Learner can):	
1.	Know the main features of the equine skeleton and appreciate the features of different types of joint	1.1	Identify the two major divisions and the main bones of the equine skeleton.
		1.2	Categorise joints in the equine skeleton in terms of degrees of freedom of movement at the joint.
		1.3	For a named synovial joint, identify the structures present (including muscles) and outline their functions
		1.4	Explain the roles of neurotransmitters, ions (sodium, potassium and calcium) and ATP in muscle contraction.
		1.5	Describe the main stages in the ossification of a long bone, including the roles of osteoblasts and osteoclasts.
		1.6	Explain the development of tendons and ligaments within the equine musculoskeletal structure.
2.	Understand common pathophysiology and injuries seen within the performance horse	2.1	Illustrate 5 common injuries seen within the performance horse along with their clinical signs.
		2.2	Evaluate factors that lead to the occurrence of the 5 common injuries you have discussed in 1.1.

		2.3	Evaluate 4 diagnostic techniques for the common performance injuries within the horse.
3.	Evaluate a variety of rehabilitation, complementary & therapeutic techniques for horses.	3.1	Analyse 5 different rehabilitation techniques for horses.
		3.2	Identify 6 complimentary & therapeutic techniques for the horse.
		3.3	Evaluate and justify the use of the above techniques for a variety of performance injuries.
4	Evaluate and analyse the static and dynamic conformation of the horse	4.1	Describe 10 common static conformational faults within the horse.
		4.2	Discuss how the conformational faults referred to in 3.1, could be a cause of injury within the horse.
		4.3	Conduct and analyse the static and dynamic gait conformation of 2 horses