

Qualification Unit

This unit forms part of a regulated qualification.

Unit Title: Further Applied Equine Therapy and Rehabilitation

Unit Reference Number: Y/651/9005

Level: Six (6)

Credit Value: 30

Minimum Guided Learning Hours: 100

The primary aims of this unit are:

- To develop and build upon the applied equine therapeutic work carried out at level 5
- To further link theoretical study to practical application
- To further develop the foundations of a practical therapeutic hands-on skill base
- To put the theoretical knowledge of anatomy into practice through palpation
- To interpret findings of symmetry and balance in relation to health and neuromusculoskeletal disease
- To develop learners' skills in the selection and application of therapeutic techniques

This unit includes 286 practical hours. Of these hours 36 are included in the GLH of the unit and assessed through study week. The other 250 are to be completed independent and should be real-life practice hours and recorded in the Practical Skills Log (PSL).

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Be able to evaluate anatomical structures	1.1 Accurately identify the palpable skeletal landmarks and superficial muscles pertinent to a physical assessment of the horse
	1.2 Distinguish the layers of common muscles
	1.3 Use appropriate terminology to describe landmarks and palpation findings
2. Be able to evaluate variations in musculoskeletal structure and function	2.1 Assess regional differences in joint range of motion including the vertebral column

	2.2 Evaluate skeletal and muscular symmetry within individual horses
	2.3 Interpret symmetry findings in relation to balance or imbalance
3. Be able to apply appropriate manual therapy techniques	3.1 Apply massage and reflect on the efficacy of its application on five horses
	3.2 Apply myofascial release and reflect on the efficacy of its application on five horses
	3.3 Apply trigger point release and reflect on the efficacy of its application on five horses
	3.4 Apply panniculus reflex techniques and reflect on the efficacy of its application on five horses
4. Be able to apply appropriate stretch exercises and mobilisation techniques	4.1 Apply hands-on and baited stretches for the limbs and vertebral column and reflect on the efficacy of its application on five horses
	4.2 Apply hands-on joint mobilisations and reflect on the efficacy of its application on five horses
	4.3 Incorporate dynamic exercises in stretching and joint mobilisation and reflect on the efficacy of its application on five horses

Indicative Content

LO1	<p>AC 1.1 The learner could identify anatomical structures through surface palpation. Could include palpable skeletal landmarks across the equine axial and appendicular skeleton, and superficial muscles as relevant to the equine physiotherapist.</p> <p>AC 1.1, AC 1.2 Could include location of anatomical structures and the three muscle layers as relevant to the equine physiotherapist.</p> <p>AC 1.3 Could include description using correct terminology to facilitate effective communication with the referring veterinary surgeon and for maintaining patient records.</p>
LO2	<p>AC 2.1 Could include assessment of joint range of motion, including across the vertebral column.</p> <p>AC 2.2, AC 2.3 The learner could identify and interpret symmetry and asymmetry in a range of horses and discuss how this may relate to musculoskeletal health and performance. Assess conformational variation in a</p>

	range of horses and how this affects structure and function.
LO3	<p>Could include hands on soft tissue mobilisation techniques:</p> <p>AC 3.1 Massage</p> <p>AC 3.2 Myofascial release</p> <p>AC 3.3 Trigger point release</p> <p>AC 3.4 Panniculus reflex techniques</p>
LO4	<p>AC 4.1 Could include hands-on and baited stretches to include limbs and the vertebral column.</p> <p>AC 4.2, AC 4.3 Could include hands-on joint mobilisations, and dynamic exercises such as in-hand pole work and other forms of groundwork in stretching and joint mobilisation. Efficacy of stretches, mobilisations and dynamic exercises for a range of five horses.</p>