

**Modification history**

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 5.0.

<b>ACMEQU5X12</b>	<b>Relate equine anatomical and physiological features to equine health care requirements</b>
<b>Application</b>	<p>This unit of competency covers the skills and knowledge required to evaluate a range of ailments and diseases that could occur in horses and describe their impact on body systems and the health of horses.</p> <p>The unit applies to individuals who have responsibility for providing health care to ensure the wellbeing and efficient physiological function of horses within the equine industry. They work autonomously and apply specialist knowledge and skills to provide and communicate solutions for predictable and unpredictable problems</p> <p>Work health and safety and animal welfare legislation relevant to interacting with horses applies to workers in this industry. Requirements vary between industry sectors and state/territory jurisdictions. Users are advised to check with the relevant authority for specific requirements.</p> <p>No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Equine (EQU)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify, locate and describe systemic anatomical features of the horse	1.1 Describe the characteristics and location of horse musculoskeletal structures using anatomical features and terminology 1.2 Locate and explain anatomical orientation to the position of structures in horses
2. Identify and describe systemic and pathophysiologic systems of horses	2.1 Identify and describe the structure and function of cellular biology and its relationship to growth, injury, healing and repair 2.2 Identify and describe the key structures and functions of major equine anatomical systems 2.3 Outline the functional changes that accompany a particular syndrome or disease relevant key equine anatomical systems
3. Evaluate the impact of disease, illness or injury on treatment priorities	3.1 Relate temperature regulation to the overall health and wellbeing of horses 3.2 Relate horse behaviour to signs of disease, illness or injury 3.3 Relate horse treatment of disease, illness or injury to health care priorities 3.4 Make treatment priority decisions based on animal welfare needs and the potential ongoing impact of ailments or disease

<b>Foundation Skills</b>	
<i>This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> <li>Interpret and analyse complex technical information relating to equine body systems</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
ACMEQU5X12 Relate equine anatomical and physiological features to equine health care requirements	ACMEQU401 Relate equine anatomical and physiological features to equine health care requirements	Code revised to reflect AQF level Element 2 revised with content detail moved to knowledge evidence. Minor changes to performance criteria for clarity	Equivalent

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103</a>
--------------	---

DRAFT

<b>TITLE</b>	<b>Assessment requirements for ACMEQU5X12 Relate equine anatomical and physiological features to equine health care requirements</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.</p> <p>There must be evidence that the individual applied knowledge of equine anatomical and physiological features in assessing the equine health care requirements for at least two different horses, including:</p> <ul style="list-style-type: none"> <li>• evaluating a range of ailments and diseases and their impact on body systems</li> <li>• observing and identifying horse behavioural characteristics that indicate distress or illness</li> <li>• making informed decisions on prioritising treatments to maintain the health and wellbeing of horses.</li> </ul>	
<b>Knowledge Evidence</b>	
<p>An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:</p> <ul style="list-style-type: none"> <li>• key equine anatomical and physiological features, structures and function of: <ul style="list-style-type: none"> <li>• cellular biology and its relationship to growth, injury, healing and repair</li> <li>• integumentary system</li> <li>• musculoskeletal system</li> <li>• respiratory system</li> <li>• cardiovascular system</li> <li>• digestive system</li> <li>• reproductive system</li> <li>• nervous and endocrine systems</li> <li>• immune systems</li> <li>• hepatic system</li> <li>• urinary system</li> </ul> </li> <li>• interactions and relationships between body systems</li> <li>• anatomical directional terminology</li> <li>• causes and consequences of horse ailments, infections and injuries</li> <li>• contagious disease symptoms, prophylaxis and biosecurity protocols</li> <li>• equine allied health practitioners, therapies and treatments</li> <li>• indicators of horse distress, illness and disease</li> <li>• industry, veterinary and anatomical terminology related to equine allied health care</li> <li>• normal and abnormal characteristics of equine behaviour</li> <li>• key principles and practices of animal welfare relating to health care requirements of horses.</li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions: <ul style="list-style-type: none"> <li>• an equine workplace, or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials: <ul style="list-style-type: none"> <li>• access to information on horse anatomical features, systemic and pathophysiologic systems of horses and horse diseases, illnesses and injuries</li> <li>• profiles or case studies of two horses with different health care requirements.</li> </ul> </li> </ul> <p>Two Companion Volumes are available:</p> <ul style="list-style-type: none"> <li>• <i>Companion Volume: User Guide: Equine Allied Health</i> provides delivery and assessment information tailored for equine allied health practitioners</li> <li>• <i>Companion Volume: User Guide: Safety in Equine Training</i> provides advice and sample templates to assist assessors with the risk assessments that should be undertaken to help ensure the safety of all involved in the assessment.</li> </ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103</a>
--------------	---

DRAFT