



Australian Government

ACMEQU401 Relate equine anatomical and physiological features to equine health care requirements

Release: 1

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Modification History

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 1.0.

Application

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 other body systems and the health of horses.

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.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

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.

NOTE: The terms ‘occupational health and safety’ (OHS) and ‘work health and safety’ (WHS) generally have the same meaning in the workplace. In jurisdictions where the national model WHS legislation has not been implemented, RTOs must contextualise the unit of competency by referring to current OHS legislative requirements.

Pre-requisite Unit

Nil

Unit Sector

Equine (EQU)

Elements and Performance Criteria

Elements	Performance Criteria
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<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 structures using anatomical features 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 structures and functions of the integumentary system 2.3 Identify and describe the structures and functions of the musculoskeletal system 2.4 Identify and describe the structures and functions of the respiratory system 2.5 Identify and describe the structures and functions of the cardiovascular system 2.6 Identify and describe the structures and functions of the digestive system 2.7 Identify and describe the structures and functions of the reproductive system 2.8 Identify and describe the structures and functions of the nervous and endocrine systems 2.9 Identify and describe the structures and functions of the immune systems 2.10 Identify and describe the structures and functions of the hepatic system 2.11 Identify and describe the structures and functions of the urinary system
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 symptoms 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

Foundation Skills

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.

Skill	Description
Reading	Critically analyse complex documentation from a variety of sources and consolidate information relating to horse body systems to determine health care requirements
Get the work done	Analyse complex anatomical and physiological relationships in horse body systems to determine possible causes of disease, injury or health problems and prioritise treatments

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMEQU401 Relate equine anatomical and physiological features to equine health care requirements	ACMEQU401A Relate equine anatomical and physiological features to equine health care requirements	Updated to meet Standards for Training Packages	Equivalent unit

Links

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

Assessment Requirements for ACMEQU401 Relate equine anatomical and physiological features to equine health care requirements

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Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.

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:

- evaluating a range of ailments and diseases and their impact on body systems
- observing and identifying horse behaviour characteristics that indicate distress or illness
- making informed decisions on prioritising treatments to maintain the health and wellbeing of horses.

Knowledge Evidence

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:

- anatomical and physiological structures, features and functions
- interactions and relationships between body systems
- anatomical directional terminology
- causes and consequences of horse ailments, infections and injuries
- contagious disease symptoms, prophylaxis and biosecurity protocols
- key features of equine allied health practitioner codes of conduct
- equine health therapies and treatments
- indicators of horse distress, illness and disease
- industry, veterinary and anatomical terminology related to equine allied health care
- normal and abnormal characteristics of equine behaviour
- key principles and practices of animal welfare relating to health care requirements of horses.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace, or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - access to information on horse anatomical features, systemic and pathophysiologic systems of horses and horse diseases, illnesses and injuries
 - profiles or case studies of two horses with different health care requirements.

Training and assessment strategies must show evidence of the use of guidance provided in the *Companion Volume: User Guide: Safety in Equine Training*.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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