



Australian Government

ACMGEN314 Identify animal anatomy and physiology for animal care work

Release: 1

ACMGEN314 Identify animal anatomy and physiology for animal care work

Modification History

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 4.0.

Application

This unit of competency describes the skills and knowledge required to identify animal anatomy and physiological functions of animals. It incorporates knowledge of animal classification, animal body systems, physiological functions and external anatomical features of animals to recognise normal health.

The unit applies to individuals who work primarily with mammals, but also birds and reptiles, in animal care environments.

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

Pre-requisite Unit

Nil

Unit Sector

General Animal Care (GEN)

Elements and Performance Criteria

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. Classify animals	1.1 Classify animals using industry terminology 1.2 Identify and describe the differences between different animal groups
2. Identify anatomy and physiology of mammals	2.1 Identify and describe the external anatomical features of mammals

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	2.2 Identify and describe the body systems of mammals 2.3 Describe the physiological functions of the body systems of mammals
3. Identify comparative anatomy and physiology	3.1 Identify and describe the external anatomical features of birds and reptiles 3.2 Identify and describe the body systems of birds and reptiles 3.3 Describe the physiological functions of the body systems of birds and reptiles

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
Oral communication	Use appropriate industry terminology to describe animal anatomy and physiology

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMGEN314 Identify animal anatomy and physiology for animal care work	ACMGAS307 Identify animal anatomy and physiology for animal care work	Unit sector changed to better reflect work outcomes Minor change to knowledge evidence for clarity	Equivalent

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 ACMGEN314 Identify animal anatomy and physiology for animal care work

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Performance Evidence

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

There must be evidence that the individual has:

- classified animals from a minimum of two different species
- identified the anatomical features, body systems and physiological functions of organs of:
 - three different mammals
 - one bird and one reptile.

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:

- terminology relevant for classifying animals
- structure and function of body systems of mammals, including:
 - muscular system
 - skeletal system
 - digestive system
 - cardiovascular system
 - respiratory system
 - urinary system
 - nervous system
 - sensory system
 - reproductive system
 - endocrine system
 - integumentary system
 - lymphatic/immune system
- structure and function of comparative body systems

- external anatomical features of different animals
- characteristics of herbivores and carnivores
- characteristics of monotremes and marsupials.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- resources, equipment and materials:
 - model animals, skeletons, 2D or 3D graphics of animals, or real animals
 - access to animal anatomy and physiology reference material.

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

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