

Modification history

Release	Comments
Release 2	This version released with ACM Animal Care and Management Training Package Version 4.0.
Release 1	This version released with ACM Animal Care and Management Training Package Version 1.0.

ACMCAN403	Develop animal diets
Application	<p>This unit of competency describes the skills and knowledge required to develop and communicate information to others about animal diets.</p> <p>This unit applies to senior team members with zoo keeping, wildlife care, aquarium or related experience who generally supervise others and provide and communicate solutions to a range of predictable and unpredictable problems. Tasks may vary in scale from individual animal welfare to social group management, working across a range of programs and/or animal groups in the facility's collection.</p> <p>All work must be carried out to comply with workplace procedures according to state/territory health and safety and animal welfare regulations, legislation and standards that apply to the workplace.</p> <p>No licensing, legislative or certification requirements are known to apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Captive Animals (CAN)

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. Develop a feed regime	1.1 Evaluate current diets of animals 1.2 Research natural and artificial diets and feeding regimes 1.3 Formulate and modify diets and feeding regimes to assist in correct diet development 1.4 Substitute natural feed with artificial or alternative feeds after consultation with supervisor and/or veterinarian 1.5 Coordinate preparation and presentation of diets according to workplace health and safety and animal requirements
2. Monitor food	2.1 Order sufficient quantities of food supplies 2.2 Monitor food quality according to facility policies and procedures 2.3 Maintain and store food to avoid spoilage and contamination according to facility and section requirements 2.4 Update and maintain accurate feeding records
3. Communicate effectively with others about animal nutritional requirements	3.1 Contribute to facility's nutritional policy 3.2 Assist with nutrition and hygiene training of keepers/carers 3.3 Coordinate nutritional projects and communication with internal and external personnel 3.4 Prepare and present nutritional reports to relevant personnel according to facility policies and procedures

Foundation Skills	
<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"> Interpret nutritional values from product information and labels
Oral communication	<ul style="list-style-type: none"> Communicate effectively with staff and management on all aspects of animal nutrition
Numeracy	<ul style="list-style-type: none"> Weigh animals or estimate weight (g, Kg, t) with reasonable accuracy Calculate nutritional requirements for specific animals and costs of food supplies Measure (ml, L) and weigh (g, Kg) food rations accurately using appropriate equipment

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
ACMCAN403 Develop animal diets	ACMCAN403 Develop animal diets		Equivalent unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103
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TITLE	Assessment requirements for ACMCAN403 Develop animal diets
Performance Evidence	
<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 has:</p> <ul style="list-style-type: none"> • developed diets for a minimum of three animals, each with different needs, including: <ul style="list-style-type: none"> • two different species or two different age groups • one interim corrective diet • supervised at least two staff to prepare diets and feed regimes to meet specific animal requirements • prepared one nutrition report for a section. 	

Knowledge Evidence	
<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"> • principles of nutrition and the impact of poor nutrition on the health and condition of animals <ul style="list-style-type: none"> • natural animal diets • signs of poor nutrition • importance of vitamin and mineral substitution in artificial diets • characteristics of animal groups for which diets will be planned, including: <ul style="list-style-type: none"> • anatomy and physiology (particularly digestive systems, styles of eating, nutritional needs) • dietary requirements for different age groups • behavioural features related to feeding styles and unsuitable responses to diets • feeding techniques to suit different animal behaviours • feedstuffs available and approved in Australia for animals, including: <ul style="list-style-type: none"> • availability and cost • shelf life and method of storage • preparation and presentation to animals • animal welfare principles and ethics related to nutrition and diets, including: <ul style="list-style-type: none"> • Australian Animal Welfare Standards and Guidelines for Exhibited Animals • animal welfare assessment frameworks - 5 Domains, Quality of Life, 5 Freedoms • restrictions on feeding animals live vertebrate prey • state/territory regulations. • relevant facility policies and procedures for managing animal nutrition and diets, including: <ul style="list-style-type: none"> • health and safety and emergency procedures • hygiene standards - cleaning and infection control • food handling, storage and waste disposal • pest and vermin control • facility record keeping requirements relevant to feeding regimes, including: <ul style="list-style-type: none"> • information management software • animal husbandry manuals • monitoring and scoring body condition. 	

Assessment Conditions	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • a captive animal workplace or an environment that accurately reflects a real workplace setting • resources, equipment and materials: <ul style="list-style-type: none"> • real animals, or specific detail about the condition of different animals for which to plan diets • equipment and resources appropriate to work undertaken in an animal care environment • specifications: <ul style="list-style-type: none"> • access to facility policies and procedures • relationships (internal and/or external): <ul style="list-style-type: none"> • interactions with team members. 	

Assessment Conditions	
Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.	
Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103