



**Australian Government**

# **ACM50119 Diploma of Animal Technology**

**Release 1**

# ACM50119 Diploma of Animal Technology

## Modification History

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 3.0.

## Qualification Description

This qualification is the industry qualification for individuals aiming to operate at a senior technician or managerial level, undertaking animal technology functions within a biomedical research, teaching or production environment.

Job roles covered by this qualification may include:

- • Facility manager
- • Animal technician (senior)
- • Animal house supervisor.

No licensing, legislative or certification requirements apply to this qualification at the time of publication. However, an individual unit of competency may specify relevant licensing, legislative and/or regulatory requirements. Specific determination should be sought through the relevant State or Territory body.

## Entry Requirements

There are no entry requirements for this qualification.

## Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 20 units of competency:
  - 15 core units plus
  - 5 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- 3 from Group A electives listed below
- 2 from Group A or B electives listed below and/or from any currently endorsed Training Package or accredited course.

### Core Units

ACMATE307	Work within an animal technology facility
ACMATE401	Prepare for and monitor anaesthesia in animals
ACMATE402	Conduct euthanasia of research animals
ACMATE403	Conduct non-surgical procedures on animals
ACMATE501	Manage compliance in animal technology
ACMATE502	Manage and maintain the health of research animals
ACMATE505	Carry out advanced breeding procedures
ACMATE508	Monitor and maintain containment and exclusion procedures in animal facilities
ACMATE511	Carry out post-mortem examination of a research animal
ACMGAS302	Provide enrichment for animals
ACMGAS303	Plan for and provide nutritional requirements for animals
ACMGAS308	Communicate effectively with clients and team members
ACMSPE312	Provide basic care of rodents and rabbits
ACMWHS501	Manage workplace health and safety processes
MSL973016	Perform aseptic techniques

### Elective Units

An asterisk (\*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

### Group A

ACMATE404	Prepare for and assist with aseptic animal surgery
ACMATE504	Administer anaesthesia and perform surgery on animals for scientific purposes
ACMATE506	Assist to collect and transfer embryos of mice

ACMATE509	Perform caesarean procedures on mice or rats
ACMATE510	Review and monitor research proposals for an Animal Ethics Committee
ACMCAN404	Develop, monitor and review behavioural management strategies
ACMGAS307	Identify animal anatomy and physiology for animal care work
ACMSUS401	Implement and monitor environmentally sustainable work practices
BSBRES411	Analyse and present research information
MSL915004	Schedule laboratory work for a small team
MSL916006	Develop and maintain laboratory documentation
MSL916008	Supervise laboratory operations in work or functional area
MSL916010	Manage complex projects
MSL924003	Process and interpret data
MSL973019	Perform microscopic examination
MSL973020	Perform histological procedures
MSL974022	Undertake environmental field-based monitoring
MSL974025*	Prepare tissue and cell cultures
PSPSCI004	Undertake scientific/technological research

### Group B

ACMSPE301	Provide basic care of amphibians
ACMSPE302	Provide basic care of birds
ACMSPE303	Provide basic care of common native mammals
ACMSPE304	Provide basic care of domestic dogs
ACMSPE305	Provide basic care of domestic cats

ACMSPE306	Provide basic care of marine fish
ACMSPE307	Provide basic care of freshwater fish
ACMSPE308	Provide basic care of marine invertebrates
ACMSPE309	Provide basic care of terrestrial and freshwater invertebrates
ACMSPE310	Provide basic care of mammals
ACMSPE311	Provide basic care of non-venomous reptiles

### Prerequisite requirements

Unit of competency	Prerequisite requirement
MSL974025 Prepare tissue and cell cultures	MSL973016 Perform aseptic techniques

### Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACM50119 Diploma of Animal Technology	ACM50117 Diploma of Animal Technology	Changes to core and elective units to better reflect activities, responsibilities and AQF level Imported unit codes updated	No equivalent qualification

### Links

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