



Australian Government

ACM50117 Diploma of Animal Technology

Release 1

ACM50117 Diploma of Animal Technology

Modification History

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

Qualification Description

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

Job roles covered by this qualification may include:

- Animal technology manager
- Facility manager
- Animal technologist
- Animal house manager
- Supervising animal technician.

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.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 23 units of competency:
 - 15 core units plus
 - 8 elective units.

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

- 5 from Group A electives listed below
- 3 from Group B electives listed below and/or from within the ACM Training Package and/or from any other currently endorsed Training Package or accredited course.

Core Units

ACMATE301	Work within an animal technology facility
ACMATE302	Carry out institution containment and exclusion procedures
ACMATE303	Prepare for and monitor anaesthesia in animals
ACMATE304	Conduct non-surgical procedures on animals
ACMATE305	Conduct euthanasia of research animals
ACMATE501	Manage compliance in animal technology
ACMATE502	Manage and maintain the health of research animals
ACMGAS301	Maintain and monitor animal health and wellbeing
ACMGAS302	Provide enrichment for animals
ACMGAS303	Plan for and provide nutritional requirements for animals
ACMGAS304	Carry out simple breeding procedures
ACMSPE312	Provide basic care of rodents and rabbits
ACMWHS501	Manage work health and safety processes
MSL924001	Process and interpret data
MSL973004	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

ACMATE503	Carry out post-mortem examination of a research animal
ACMATE504	Administer anaesthesia and perform surgery on animals for scientific purposes
ACMATE505	Carry out advanced breeding procedures
ACMATE507	Manage the parturition of transgenic mice or rats
ACMCAN404	Develop, monitor and review behavioural management strategies
ACMSUS401	Implement and monitor environmentally sustainable work practices
BSBRES401	Analyse and present research information
MSL915002	Schedule laboratory work for a small team
MSL916001	Develop and maintain laboratory documentation
MSL916003	Supervise laboratory operations in work or functional area
MSL916005	Manage complex projects
MSL974007	Undertake environmental field-based monitoring
MSL974011*	Prepare tissue and cell cultures

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
MSL974011 Prepare tissue and cell cultures	MSL973004 Perform aseptic techniques

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACM50117 Diploma of Animal Technology	ACM50110 Diploma of Animal Technology	Updated to meet Standards for Training Packages	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>