

Modification History

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

ACM501X9	Diploma of Animal Technology																												
<p>Qualification Description</p> <p>This qualification is the industry qualification for persons aiming to operate at a senior technician or managerial level, undertaking animal technology functions within a biomedical research, teaching or production environment.</p> <p>Job roles covered by this qualification may include:</p> <ul style="list-style-type: none"> • Animal technology manager • Facility manager • Animal technologist • Animal house manager • Supervising animal technician. <p>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.</p>																													
<p>Entry Requirements</p> <p>There are no entry requirements for this qualification.</p>																													
<p>Packaging Rules</p> <p>To achieve this qualification, competency must be demonstrated in:</p> <ul style="list-style-type: none"> • 20 units of competency: <ul style="list-style-type: none"> • 14 core units plus • 6 elective units. <p>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:</p> <ul style="list-style-type: none"> • 3 from Group A electives listed below • 3 from Group A or B electives listed below and/or from within the ACM Training Package and/or from any other relevant currently endorsed Training Package or accredited course. 																													
<p>Core Units</p> <table border="1"> <tbody> <tr> <td>ACMATE301</td> <td>Work within an animal technology facility</td> </tr> <tr> <td>ACMATE4X1</td> <td>Prepare for and monitor anaesthesia in animals</td> </tr> <tr> <td>ACMATE4X2</td> <td>Conduct euthanasia of research animals</td> </tr> <tr> <td>ACMATE501</td> <td>Manage compliance in animal technology</td> </tr> <tr> <td>ACMATE502</td> <td>Manage and maintain the health of research animals</td> </tr> <tr> <td>ACMATE503</td> <td>Carry out post-mortem examination of a research animal</td> </tr> <tr> <td>ACMATE505</td> <td>Carry out advanced breeding procedures</td> </tr> <tr> <td>ACMATE5X8</td> <td>Monitor and maintain containment and exclusion procedures in animal technology facilities</td> </tr> <tr> <td>ACMATE5X9</td> <td>Conduct non-surgical procedures on animals</td> </tr> <tr> <td>ACMGAS302</td> <td>Provide enrichment for animals</td> </tr> <tr> <td>ACMGAS303</td> <td>Plan for and provide nutritional requirements for animals</td> </tr> <tr> <td>ACMSPE312</td> <td>Provide basic care of rodents and rabbits</td> </tr> <tr> <td>ACMWHS501</td> <td>Manage work health and safety processes</td> </tr> <tr> <td>MSL973004</td> <td>Perform aseptic techniques</td> </tr> </tbody> </table>		ACMATE301	Work within an animal technology facility	ACMATE4X1	Prepare for and monitor anaesthesia in animals	ACMATE4X2	Conduct euthanasia of research animals	ACMATE501	Manage compliance in animal technology	ACMATE502	Manage and maintain the health of research animals	ACMATE503	Carry out post-mortem examination of a research animal	ACMATE505	Carry out advanced breeding procedures	ACMATE5X8	Monitor and maintain containment and exclusion procedures in animal technology facilities	ACMATE5X9	Conduct non-surgical procedures on animals	ACMGAS302	Provide enrichment for animals	ACMGAS303	Plan for and provide nutritional requirements for animals	ACMSPE312	Provide basic care of rodents and rabbits	ACMWHS501	Manage work health and safety processes	MSL973004	Perform aseptic techniques
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<p>Elective Units</p>																													

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

ACMATE4X3	Assist researchers with aseptic surgery
ACMATE504	Administer anaesthesia and perform surgery on animals for scientific purposes
ACMATE506	Assist to collect and transfer embryos of mice
ACMATE5X7	Perform caesarean rederivation on mice or rats
ACMATE5X1	Assist with review of ethics in an animal research proposal
ACMATE5X2	Monitor and contribute to ethical treatment of animals in research facilities
ACMCAN404	Develop, monitor and review behavioural management strategies
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
MSL9160010	Manage complex projects
MSL924003	Process and interpret data
MSL974022	Undertake environmental field-based monitoring
MSL974025*	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
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
ACM501X9 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>