Modification History

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

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| ACM50X19 | Diploma of Animal Technology |
| Qualification DescriptionThis 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. 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. |
| Entry RequirementsThere are no entry requirements for this qualification. |
| Packaging RulesTo 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 within the ACM Training Package and/or from any other relevant currently endorsed Training Package or accredited course.

Core Units

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| 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 facilities |
| ACMATE5X9 | Conduct non-surgical procedures on animals |
| 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 work health and safety processes |
| MSL973004 | Perform aseptic techniques |

Elective UnitsAn 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

|  |  |
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| ACMATE4X3 | 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 |
| ACMATE5X7 | Perform caesarean rederiviation on mice or rats  |
| ACMATE5X1 | Assist with review of ethics in an animal research proposal |
| ACMATE5X2 | 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 |
| MSL973020 | Perform histological procedures |
| MSL974022 | Undertake environmental field-based monitoring |
| MSL974025\* | Prepare tissue and cell cultures |

Group B

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| --- | --- |
| 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

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

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| Qualification Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
| --- | --- | --- | --- |
| ACM50X19 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  |

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