Modification History

| Release | Comments |
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| 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 Description  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.  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 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 within the ACM Training Package and/or from any other relevant currently endorsed Training Package or accredited course.   Core Units   |  |  | | --- | --- | | 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 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   |  |  | | --- | --- | | 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   |  |  | | --- | --- | | 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 | | |

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