Modification History

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

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| ACM50117 | Diploma of Animal Technology |
| 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 * up to 3 from Group B electives listed below, or any 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  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 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 | | |

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| 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 2012 Standards for Training Packages | Equivalent qualification | |
| Links  Companion Volume Implementation Guides are found in VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103 |