



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **ACM30210 Certificate III in Animal Technology**

**Revision Number: 2**

## ACM30210 Certificate III in Animal Technology

### Modification History

Updated imported Units:

- RTC3310A replaced with AHCMOM305A
- HLTF301B replaced with HLTF301C

### Description

This qualification is the industry qualification for persons operating at a junior or assistant level and undertaking animal technology functions within a biomedical research or production environment. It is highly recommended that whilst undertaking this qualification, the learner should have access to an animal technology workplace through either paid employment or significant periods of work placement or work experience blocks.

#### Job roles

Job roles and titles covered by this qualification include:

- Animal technician
- Laboratory animal technician
- Technical officer
- Field technician.

### Pathways Information

#### Pathways into the qualification

Pathways for candidates considering this qualification include:

- direct entry
- after achieving ACM20110 Certificate II in Animal Studies
- vocational training, work experience or skills recognition.

This qualification is suited to Australian Apprenticeship pathways.

#### Pathways from the qualification

After achieving this qualification candidates may undertake ACM50110 Diploma of Animal Technology that defines higher level job functions.

### Licensing/Regulatory Information

Regulatory compliance with the Australian Code of Practice for the Care and Use of Animals for Scientific Purposes applies to some units of competency. In addition, individual units of competency may specify relevant licensing, legislative and/or regulatory requirements.

## **Entry Requirements**

Not applicable.

## **Employability Skills Summary**

<b>EMPLOYABILITY SKILLS QUALIFICATION SUMMARY</b>

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<b>Employability Skill</b>	<b>Industry/enterprise requirements for this qualification include:</b>
Communication	<ul style="list-style-type: none"> <li>• complete standard documentation</li> <li>• confirm relevant industry and workplace requirements</li> <li>• provide relevant work-related information to others</li> <li>• ensure records are accurate and legible</li> <li>• establish effective working relationships with colleagues</li> <li>• support team communication practices</li> <li>• understand personal and team requirements of relevant industry and workplace standards, regulations and policies</li> <li>• use communication technologies efficiently.</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• demonstrate and encourage others in working cooperatively with people of different ages, gender, race or religion</li> <li>• monitor work team tasks in accordance with regulatory and workplace requirements</li> <li>• provide support to team members</li> <li>• undertake appropriate and effective communication with team members.</li> </ul>
Problem solving	<ul style="list-style-type: none"> <li>• evaluate skill requirements of work tasks</li> <li>• identify risks and implement risk control measures</li> <li>• implement animal care and management procedures</li> <li>• monitor and anticipate problems that may arise during workplace operations, including hazards and risks and take appropriate action to report or solve the problems within scope of responsibilities</li> <li>• provide problem solving support to team members</li> <li>• use assertive communication and/or conflict resolution skills to manage situations with clients who are distressed or in conflict with animal welfare or care directions</li> <li>• use problem solving techniques to determine work requirements.</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• contribute to and promote continuous improvement processes</li> <li>• identify non-conformance to standards and take appropriate action</li> <li>• identify, assess and act on existing and potential risks</li> <li>• monitor and adjust activity in response to operational variations</li> <li>• rectify problems promptly and appropriately</li> <li>• seek and provide feedback on procedures and processes.</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• contribute to continuous improvement and planning processes</li> <li>• determine work requirements in order to complete in appropriate timeframes</li> </ul>

<b>EMPLOYABILITY SKILLS QUALIFICATION SUMMARY</b>	
	<ul style="list-style-type: none"> <li>• ensure work equipment, materials and tools are ready and available for required tasks</li> <li>• plan work tasks for self and others as required</li> <li>• report and assist with implementing contingency plan promptly when incidents occur.</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>• conduct regular housekeeping activities to maintain a clean and hygienic work area</li> <li>• identify and apply safety procedures, including the use of personal protective equipment</li> <li>• maintain currency of relevant, work-related information</li> <li>• manage work load priorities and timelines</li> <li>• monitor information in work area</li> <li>• monitor own work against quality standards and identify areas for improvement</li> <li>• understand own work activities and responsibilities.</li> </ul>
Learning	<ul style="list-style-type: none"> <li>• ask questions to expand own knowledge</li> <li>• maintain skill and knowledge currency</li> <li>• participate in meetings to inform work practices</li> <li>• recognise limits of own expertise and seek skill development if required.</li> </ul>
Technology	<ul style="list-style-type: none"> <li>• use information technology devices as required</li> <li>• work with technology safely and according to workplace standards.</li> </ul>

## Packaging Rules

### Packaging Rules

A total of **eighteen (18) units** of competency must be achieved as specified below.

- Complete **twelve (12) CORE** units
- Complete **six (6) ELECTIVE** units.

#### **CORE: Complete the following twelve (12) units**

ACMATE301A	Work within an animal technology facility
ACMATE302A	Carry out institution containment and exclusion procedures
ACMATE303A	Prepare for and monitor anaesthesia in animals
ACMATE304A	Conduct non-surgical procedures on animals
ACMGAS301A	Maintain and monitor animal health and wellbeing
ACMGAS302A	Provide enrichment for animals
ACMGAS303A	Plan for and provide nutritional requirements for animals
ACMGAS304A	Carry out simple breeding procedures
ACMOHS301A	Contribute to occupational health and safety processes
ACMSPE312A	Provide basic care of rodents and rabbits
ACMSUS201A	Participate in environmentally sustainable work practices
MSL973004A	Perform aseptic techniques

**ELECTIVE: Complete six (6) units from within ACM10 or from any other nationally endorsed Training Package or accredited course.** Units selected must be aligned to Certificate II, III or IV and be relevant to work undertaken in the animal technology sector. Suggested units are:

ACMATE305A	Conduct euthanasia of research animals
ACMSPE301A	Provide basic care of amphibians
ACMSPE302A	Provide basic care of birds
ACMSPE303A	Provide basic care of common native mammals

ACMATE305A	Conduct euthanasia of research animals
ACMSPE304A	Provide basic care of dogs
ACMSPE305A	Provide basic care of domestic cats
ACMSPE306A	Provide basic care of marine fish
ACMSPE307A	Provide basic care of freshwater fish
ACMSPE308A	Provide basic care of marine aquatic invertebrates
ACMSPE309A	Provide basic care of terrestrial and freshwater invertebrates
ACMSPE310A	Provide basic care of mammals
ACMSPE311A	Provide basic care of non-venomous reptiles
ACMVET203A	Assist with surgery preparation
HLTFA301C	Apply first aid
MSL922001A	Record and present data
MSL933001A	Maintain the laboratory/field workplace fit for purpose
MSL973001A	Perform basic tests
MSL973002A	Prepare working solutions
MSL973007A	Perform microscopic examination
MSL973008A	Perform histological procedures
AHCMOM305A	Operate specialised machinery and equipment