Modification history

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

| ACMCAN501 | Contribute to enclosure and exhibit design or renovation projects |
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| Application | This unit of competency describes the skills and knowledge required to assess current exhibit status, identify the need for new or renovated enclosure or exhibit works, prepare proposals and contribute to project planning and implementation.  It applies to senior or experienced keepers, such as a keeper in charge, who operates as a specialist in exhibit design and development whilst demonstrating competence in other specialist areas, including animal husbandry, interpretive and learning programs, nutrition, collection management and conservation and research.  No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.  NOTE: The terms 'occupational health and safety' (OHS) and 'work health and safety' (WHS) generally have the same meaning in the workplace. In jurisdictions where the national model WHS legislation has not been implemented, RTOs must contextualise the unit of competency by referring to current OHS legislative requirements. |
| Prerequisite Units | Nil |
| Unit Sector | Captive Animals (CAN) |

| Element | Performance criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Research enclosure or exhibit needs | 1.1 Establish exhibit purpose  1.2 Research animal needs  1.3 Review on-site climate, landscape and other environmental conditions  1.4 Research public access and safety requirements  1.5 Identify staff and animal security issues |
| 2. Review exhibit options | 2.1 Evaluate current exhibit performance critically in relation to WHS, animal welfare requirements and workplace policies and procedures  2.2 Evaluate features of other exhibits for relevance to current project  2.3 Estimate longevity, wear and tear of exhibit based on experience and research of specific animal behaviour and needs  2.4 Prioritise exhibit design features with regards to animal welfare and staff safety  2.5 Evaluate impact of building and construction works on other exhibits |
| 3. Present findings to project team | 3.1 Confirm concept findings with other staff or experts  3.2 Contribute to preparation of images that illustrate design features and needs for report  3.3 Identify references or support for exhibit needs justification  3.4 Itemise and justify issues relating to potential construction impact on workplace operation from keepers’ perspective  3.5 Prepare report and present to project team and management |
| 4. Contribute to project planning and implementation | 4.1 Prepare concept briefs in consultation with others, and present to project team and management  4.2 Contribute to development of project management plan and implementation strategies  4.3 Raise issues that compromise animal welfare and public safety throughout the project planning and implementation stages as they arise |

| Foundation Skills  This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria. | |
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| Skill | Description |
| Numeracy | * Estimate costs of proposed works * Prepare concept drawings of proposed works |

| Unit Mapping Information | | | |
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| Code and title current version | Code and title previous version | Comments | Equivalence status |
| ACMCAN501 Contribute to enclosure and exhibit design or renovation projects | ACMCAN501A Contribute to enclosure and exhibit design or renovation projects | Updated to meet Standards for Training Packages | Equivalent unit |

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

| TITLE | Assessment requirements for ACMCAN501 Contribute to enclosure and exhibit design or renovation projects |
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| Performance Evidence | |
| An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.  There must be evidence that the individual has contributed to a minimum of two enclosure and exhibit design and/or renovation projects, including:  researched and reviewed enclosure and/or exhibit needs  worked with others to prepare proposals and concept briefs for the design and development or renovation of exhibits and enclosures  contributed to project planning  monitored and advised on issues that arise during the implementation stages. | |

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| Knowledge Evidence |
| An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:  animal care and management strategies  animal biology and husbandry requirements relevant to enclosures and exhibits  educational and interpretive functions of enclosures  environmental enrichment relative to exhibit  exhibit maintenance and security requirements  institution master plan and collection policy  interaction between animal types and various habitats  internal decision-making process leading to approval of new exhibits or renovation of existing ones  principles of animal welfare and ethics  principles of enclosure landscaping and horticulture, including basic working knowledge of exhibit plants and weeds  principles and protocols for enclosure or exhibit design, including aesthetics, function and effects of introduced fixtures and features  principles of naturalistic landscaping for enclosures and exhibits  principles of project management  recognition of animal, keeper, client and public requirements  relevant facility policies and procedures, including WHS and emergency procedures, animal welfare, ethics, hygiene standards and other industry guidelines  relevant federal and state or territory legislation and codes of practice  security control principles  specialist enclosures for different animals. |

| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions:   an environment that accurately reflects a real workplace setting   * resources, equipment and materials:   access to a range of animal enclosures  equipment and resources appropriate to work undertaken in an animal care environment   * specifications:   access to organisational policies and procedures  current WHS legislation and regulations and relevant state/territory animal welfare regulations   * relationships (internal and/or external):   interactions with team members  interactions with managers.  Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

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