

## Modification history

Release	Comments
<a href="#">Release 2</a>	<a href="#">This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.0.</a>
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCDES502	Prepare a landscape design
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to <a href="#">develop a design brief, assess the site, prepare a concept of design and final</a> landscape design for a large project on residential, commercial or public open spaces.</p> <p><a href="#">The unit applies to individuals who apply specialist skills and knowledge to surveying and establishing site levels, take personal responsibility and exercise autonomy in undertaking complex work. They analyse and synthesise information, and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of sometimes complex problems.</a></p> <p>-All work is carried out to comply with workplace procedures, <a href="#">health and safety in the workplace requirements, legislative and regulatory requirements, and sustainability and biosecurity practices.</a></p> <p>No <del>occupational</del>-licensing, legislative or certification requirements <del>are known to</del> apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Design (DES)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Develop a design brief	1.1 Consult with client to establish the purpose and requirements of <a href="#">the</a> design 1.2 Interpret and incorporate <del>relevant</del> architectural designs, styles and details <a href="#">into design brief</a> 1.3 Develop <a href="#">design criteria and design brief, and consult with client to finalise agreement of the client</a> brief 1.4 Negotiate cost structures and timelines with the client
2. Assess the project site	2.1 Inspect the site of the landscape project 2.2 Record physical elements and features of the site on <a href="#">a</a> the base plan 2.3 Assess soil conditions, topography, aspect, existing vegetation and climatic factors and record on a site analysis 2.4 Complete functional analysis of the existing site and record on the base plan 2.5 Assess any other relevant information and record on <a href="#">the</a> a base plan 2.6 <a href="#">Research and identify</a> <del>Assess</del> opportunities and constraints on development including local council, <a href="#">legislative</a> and <a href="#">regulatory</a> <del>other</del> <a href="#">potential legal</a> requirements

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Prepare a concept design	3.1 Prepare concept to illustrate location and layout of proposed landscape works according to the design brief 3.2 Consult with the client to establish agreement on options and approaches for design development 3.3 Specify hard landscaping requirements, including irrigation, demolition and removal of existing features and installation of new works 3.4 Compile planting schedules for incorporation into the design plan 3.5 Apply industry standards and consistent graphic styles to the concept design
4. Produce a final design	4.1 Include specifications and notes on the design to assist in interpretation 4.2 Research and apply appropriate landscape construction principles to landscape design according to industry standards 4.3 Finalise and document a detailed design plan according to the design brief, concept design and client consultations using industry standard graphic, text and layout styles

<b>Foundation Skills</b>	
<i>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.</i>	
<b>Skill</b>	<b>Description</b>
<a href="#">Reading</a>	<ul style="list-style-type: none"> <li>Identify and interpret information regarding local council, legislative and regulatory requirements</li> </ul>
<a href="#">Oral communication</a>	<ul style="list-style-type: none"> <li>Initiate discussions with client, using clear language to discuss and establish design purpose, finalise design brief and present design plan</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
<a href="#">AHCDES502 Prepare a landscape design Release 2</a>	<a href="#">AHCDES502 Prepare a landscape design Release 1</a>	<a href="#">Minor changes to application</a> <a href="#">Minor changes to performance criteria</a> <a href="#">Foundation skills added</a> <a href="#">Assessment requirements updated</a>	Equivalent

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>
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<b>TITLE</b>	<b>Assessment requirements for AHCDES502 Prepare a landscape design</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has <u>prepared a landscape design on at least one occasion and has:</u></p> <ul style="list-style-type: none"> <li>• <u>developed a design brief in consultation with client to establish design purpose and requirements</u></li> <li>• <u>assessed</u> landscape sites</li> <li>• <u>consulted</u> with clients</li> <li>• <u>researched, interpreted and applied local council, legislative and regulatory requirements relevant to landscape design</u></li> <li>• <u>applied relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures</u></li> <li>• <u>designed</u> scaled concept drawing and construction plans</li> <li>• <u>determined</u> survey levels and site grading</li> <li>• <u>identified</u> and <u>selected</u> plants, shrubs and trees</li> <li>• <u>identified</u> dimensions and qualities of materials</li> <li>• <u>implemented</u> professional <u>landscape design</u> practices</li> <li>• <u>interpreted</u> architectural designs and details</li> <li>• <u>operated</u> Computer-Aided Design (CAD) software and/or draft plans by hand</li> <li>• <u>specified</u> hard landscaping requirements</li> <li>• <u>used industry standard</u> graphic techniques to <del>industry standards for</del> <u>illustrating</u> landscape design components.</li> </ul>	

<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• principles and practices of preparing a landscape project design, <u>including:</u> <ul style="list-style-type: none"> <li>• establishment of site levels</li> <li>• landscape construction and engineering principles</li> <li>• drafting techniques</li> <li>• environmental implications of landscape project works</li> <li>• botany, plant physiology, taxonomy and nomenclature</li> <li>• how to identify and treat soils</li> <li>• plant identification, selection and culture</li> </ul> </li> <li>• <u>local council, legislative and regulatory requirements relevant to landscape design</u></li> <li>• <u>workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to landscape design</u><del>risk in office and outdoor environments</del></li> </ul>	

<b>Assessment Conditions</b>	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions:             <ul style="list-style-type: none"> <li>• <u>a workplace setting or an environment that accurately represents workplace conditions</u></li> </ul> </li> <li>• resources, equipment and materials:             <ul style="list-style-type: none"> <li>• <u>landscape site</u></li> <li>• <u>site information and data applicable to sustainable landscape design</u></li> <li>• <u>computer hardware and CAD software</u></li> </ul> </li> <li>• specifications:             <ul style="list-style-type: none"> <li>• <u>local council, legislative and regulatory requirements applicable to landscape design</u></li> <li>• <u>workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures applicable to landscape design</u></li> </ul> </li> <li>• relationships:             <ul style="list-style-type: none"> <li>• <u>clients</u></li> </ul> </li> <li>• timeframes:             <ul style="list-style-type: none"> <li>• <u>according to job requirements.</u></li> </ul> </li> </ul>	

<b>Assessment Conditions</b>
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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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