



Australian Government

AHCDES502 Prepare a landscape design

Release: 1

AHCDES502 Prepare a landscape design

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to prepare a landscape design for a large project on residential, commercial or public open spaces.

It applies to individuals who analyse 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 complex problems. All work is carried out to comply with workplace procedures.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Design (DES)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Develop a design brief	1.1 Consult with client to establish the purpose and requirements of design 1.2 Interpret and incorporate relevant architectural designs, styles and details 1.3 Develop an agreed client 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

Element	Performance criteria
	2.2 Record physical elements and features of the site on a 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 base plan 2.6 Assess opportunities and constraints on development including local council and other potential legal requirements
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

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCDES502A Prepare a landscape project design.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCDES502 Prepare a landscape design

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- assess landscape sites
- consult with clients
- design scaled concept drawing and construction plans
- determine survey levels and site grading
- identify and select plants, shrubs and trees
- identify dimensions and qualities of materials
- implement professional practices
- interpret architectural designs and details
- operate Computer-Aided Design (CAD) software and/or draft plans by hand
- specify hard landscaping requirements
- use graphic techniques to industry standards for illustrating landscape design components

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of preparing a landscape project design
 - establishment of site levels
 - landscape construction and engineering principles
 - drafting techniques
 - environmental implications of landscape project works
 - botany, plant physiology, taxonomy and nomenclature
 - how to identify and treat soils
 - plant identification, selection and culture
 - work health and safety risk in office and outdoor environments

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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