



Australian Government

AHCDES506 Design for construction of landscape features

Release: 1

AHCDES506 Design for construction of landscape features

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.

Application

This unit of competency describes the skills and knowledge required to design for the construction of landscape features, specify hardscape and softscape quality requirements and develop a design and project report.

The unit applies to individuals who apply specialist skills and knowledge to construct landscape features, take personal responsibility and exercise autonomy in undertaking complex work. They analyse and synthesise information, and analyse, design and communicate solutions to sometimes complex problems.

All work is carried out to comply with workplace procedures, health and safety in the workplace requirements, legislative and regulatory requirements, and sustainability and biosecurity practices.

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

Pre-requisite Unit

Nil

Unit Sector

Design (DES)

Elements and Performance Criteria

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. Design aspects of construction for landscape features in a	1.1 Develop concept designs for construction of selected landscape features according to client requirements and budget 1.2 Source and record survey levels, site gradients and elevations

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
range of materials	1.3 Draw construction details for landscape features according to landscape design concepts 1.4 Draw drainage plans according to national construction code and landscape design concept 1.5 Incorporate a range of materials used in construction of landscape features into design
2. Specify hardscape and softscape quality and requirements	2.1 Determine difference in quality of available materials and specify quality criterion in design 2.2 Identify dimensions, footings and qualities of materials selected 2.3 Determine effect of plant selection on landscape features, including root development, crown development and soil hydrology 2.4 Determine impacts of using poor quality materials
3. Develop a design and project report	3.1 Develop site strategy for design project 3.2 Identify and document timelines for project 3.3 Develop and document final design, project budget and project report 3.4 Present design and project report to client

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.

Skill	Description
Numeracy	Calculate project costs, including labour, materials, equipment and machinery

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCDES506 Design for construction of landscape features	AHCDES504 Design for construction of landscape features	Minor changes to application Major changes to performance criteria Foundation skills added Assessment requirements updated	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>