



Australian Government

AHCPER301 Research and communicate information on permaculture principles and practices

Release: 2

AHCPER301 Research and communicate information on permaculture principles and practices

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to research permaculture principles and practices, develop research techniques to gather general information on permaculture and non-permaculture systems and appropriately communicate information within culturally diverse groups.

This unit applies to individuals who take responsibility for their own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources.

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

Permaculture (PER)

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. Research general information on permaculture	1.1 Identify sources of information about permaculture 1.2 Interpret written sources of information and extract the required information 1.3 Access and investigate information from sources other than written 1.4 Interpret information from non-written sources and extract the

Element	Performance criteria
	required information
2. Document application of permaculture principles to a site	2.1 Identify an appropriate site to study 2.2 Research site, using primary data sources and secondary data sources 2.3 Document examples of how permaculture principles have been practically applied on the site
3. Compare permaculture design approach and practices with those of other food production systems	3.1 Identify a range of food production systems 3.2 Identify key characteristics of each system in relation to management of soil, energy, water, nutrient flow, crop rotation and harvesting 3.3 Compare permaculture practices with those of other systems
4. Communicate general information with others on permaculture	4.1 Discuss and share knowledge with colleagues to increase awareness of permaculture principles and practices 4.2 Prepare and deliver permaculture information to small groups 4.3 Respond to questions about permaculture within a small group 4.4 Communicate responses in a culturally appropriate manner

Foundation Skills

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

Range of Conditions

Unit Mapping Information

New unit - equivalent to QLD843PPP01B.

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 AHCPER301 Research and communicate information on permaculture principles and practices

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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:

- research general information on permaculture
- identify differences between permaculture and other land management or land use practices
- share general information with others on permaculture

Knowledge Evidence

The candidate must demonstrate knowledge of:

- permaculture principles and practices
- similarities and differences between other land use and management practices and permaculture, such as:
 - conventional broad-acre farming
 - battery chicken farms
 - intensive meat production facilities (e.g. feedlots, piggeries)
 - fish farming
 - biodynamic agriculture
 - organic mixed farms
- culturally appropriate speech and behaviour
- basic research techniques
- using primary data sources, such as:
 - original data gathered by the researcher
 - measurements
 - photographs

- maps or sketches
- soil tests
- observations of light, shade, sun angle
- flora and fauna present at the site
- slope and contour information
- observation of site and adjoining landscape features (e.g. sector analysis)
- weather observations
- using secondary data sources, such as:
 - data provided by government departments and agencies, local groups (such as Landcare) or individuals (such as neighbours)
 - survey documents, maps and plans
 - official weather data
 - photographs, such as Google Earth
- communication techniques

Assessment Conditions

Assessors must satisfy current standards for RTOs. Assessors must also hold a nationally accredited Certificate III (or higher) in Permaculture. Completion of a Permaculture Design Course (PDC) is not sufficient at this level.

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