



Australian Government

AHCPER221 Recognise characteristics of integrated plant and animal systems

Release: 1

AHCPER221 Recognise characteristics of integrated plant and animal systems

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 9.0.

Application

This unit of competency describes the skills and knowledge required to recognise an integrated ecological system for plants and animals and their roles in a permaculture design.

The unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

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

Pre-requisite Unit

Nil

Unit Sector

Permaculture (PER)

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. Recognise plant and animal interactions from a planned permaculture system	1.1 Source design plan for a permaculture system from supervisor 1.2 Identify planned key plant species and their characteristics for site 1.3 Identify planned key animal species and their characteristics for site 1.4 Identify planned interactions between plants and animals in the permaculture system

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Observe plant and animal interactions at an active permaculture site	2.1 Undertake observations at permaculture site 2.2 Identify existing key plant species, habits and characteristics for permaculture site 2.3 Identify existing key animal species, habits and their characteristics for permaculture site 2.4 Observe and record the interaction of plants and animal species 2.5 Identify the plants and animals with an interconnectedness that supports permaculture system
3. Reconcile site observations with plan for permaculture system	3.1 Collate observations of plant and animal interactions and interconnectedness 3.2 Record inputs, outputs and intrinsic features of plants and animals in permaculture system 3.3 Compare planned plant and animal interactions with observations 3.4 Report discrepancies between planned and observed interactions to supervisor for action
4. Monitor plant and animal interactions for permaculture site	4.1 Monitor interactions between plants and animals at permaculture site 4.2 Maintain records on integrated plant and animal systems according to workplace procedures

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.

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

Unit Mapping Information

Code and title	Code and title	Comments	Equivalence status
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current version	previous version		
AHCPER221 Recognise characteristics of integrated plant and animal systems	AHCPER209 Recognise characteristics of integrated plant and animal systems	Major change to Elements and Performance Criteria to better align to job-specific outcomes Changes to Performance Evidence, Knowledge Evidence and Assessment Conditions for clarity	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>