



Australian Government

Assessment Requirements for AHCPER308 Establish an urban permaculture system

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

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:

- Communicate with work team members, supervisors, contractors and consultants
- utilise recording, reporting, analysis and work procedure documents
- interpret the permaculture design
- install elements progressively to establish the urban permaculture system (over an appropriate period of time)

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles of permaculture and practices in an urban context
- Urban permaculture systems, such as:
 - houses and gardens where permaculture is practiced, or a productive section of it
 - community gardens or city farms where permaculture is practised
 - school gardens where permaculture is practised, or productive sections of them
 - Chicken, rabbit, guinea pig or other tractor systems
 - continuous worm farm systems
 - chicken dome pattern systems
 - tyre pond and mandala aquaculture systems appropriate to an urban permaculture system
 - aquaponics systems
 - duck and rice systems and other integrated systems appropriate to an urban permaculture system which utilise an animal, fish or bird species to generate a yield in association with plant species
- Zone and sector analysis

- Consideration of the frequency of use and intensity of need of elements in the system
- Consideration of the spatial requirements of elements in the system
- Mutual benefit and connections between zones
- Consideration of the specific needs of the location of the system in terms of climate, access, slope, potential for wild fire, flood, tsunami or other catastrophic force
- Consideration of the neighbouring or local environment, its needs, products and intrinsic features
- Elements in permaculture elements
 - Elements which together form a system
 - species chosen for their functions in the system, including plants, animals and objects (built or existing)
 - elements which are chosen for mutual benefit
 - each important function (energy, water, food, fuel etc.) is supported by many elements
 - elements support the needs of the system within the overall design
- the interactions between plants and animals and how to maximise the benefits
- plant and animal species and their cultivars or breeds and what they contribute to the system
- cultural requirements, planting procedures and follow-up care for plants
- environment and habitat requirements of animal species
- the identification of pests, diseases, parasites, and deficiencies that are likely to affect plants and animals and the use of appropriate treatments
- soils and appropriate soil amelioration techniques
- the ecology of the native species, and their value in a permaculture system
- site retrofitting for urban permaculture systems:
 - constructing soil retainers
 - installing irrigation and drainage systems including swales, diversion drains, mulch-pit paths
 - establishing integrated plant and animal systems
 - collection and storage of nutrients or water
 - solar passive modifications to structures

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.

Links

Companion Volume implementation guides are found in VETNet -

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