



Australian Government

Assessment Requirements for AHCPER501 Carry out permaculture field research

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:

- formulate and justify research questions
- design a field research plan
- conduct research and evaluate information
- enter, analyse and organise data quantitatively and qualitatively in charts, tables and graphs
- produce written reports on research outcomes and provide conclusions based on appropriate evidence and reasoned arguments

Knowledge Evidence

The candidate must demonstrate knowledge of:

- permaculture principles, practices and ethics, such as:
 - topics for field research
 - people or groups of people participating in or related to permaculture projects
 - people or groups of people participating in or related to other topics which themselves relate to permaculture
 - systems and/or technical elements of permaculture systems
 - animals-related studies (including insects, reptiles, birds and fish)
 - plant-related studies
 - studies of integrated plant and animal systems
 - appropriate technologies or technological solutions
 - appropriate energy generation, storage and capture
 - water treatment, catchment and storage systems
 - natural systems

- environmental issues
- product comparisons
- field research methods, such as:
 - group and individual interviews
 - dialogue and storytelling
 - use of communications technology
 - records and testimonials
 - electronic recordings
 - questionnaires
 - statistical sampling
 - observation
 - surveys
- research methodologies, such as:
 - action research
 - needs studies
 - case studies
 - statistical sampling
- field research plan design – a staged sequence of steps and accompanying methodologies for obtaining answers to research questions
- permaculture systems implementation and management techniques and practices
- growth habits, physiological properties and taxonomic specification of animals and plants involved in permaculture
- participants and stakeholders of permaculture systems and projects, such as:
 - those who will use the research to influence decision making and policy
 - those who will benefit from the research
 - the researchers
 - ethics committees
 - anyone who is researched
- scientific and mathematical research approaches, data collection, processing and analytical techniques and procedures
- auditing and reporting procedures
- research planning and budgeting

Assessment Conditions

Assessors must satisfy current standards for RTOs. Assessors must also have a nationally accredited Diploma of Permaculture. Completion of a Permaculture Design Course (PDC) or non-accredited Permaculture Diploma 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>