



Australian Government

AHCPER507 Research and interpret requirements for a permaculture project

Release: 1

AHCPER507 Research and interpret requirements for a permaculture project

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to gather and validate information in order to advise on planned permaculture projects. Researching and interpreting requirements for a permaculture project requires knowledge of permaculture principles and practices, research methodologies, consultation models, feasibility studies, information systems, report presentation, cultural analysis of information, cultural implications of research methods and legislative requirements.

All work is carried out to comply with workplace procedures.

This unit applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate broad knowledge in an area of work with depth in areas of specialisation. They undertake functions with initiative and judgement and take personal responsibility and exercise autonomy in undertaking complex work. They have accountability for the work of others (teams) within broad parameters, analyse and synthesise information as well as analyse, design and communicate solutions to a range of complex problems.

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	Performance criteria describe the performance needed to

Element	Performance criteria
essential outcomes.	demonstrate achievement of the element.
1. Select appropriate research strategies	1.1 Select and justify appropriate research methods for the requirements of the permaculture project and the available resources 1.2 Develop and justify a research question or hypothesis 1.3 Select a combination of research methods to promote the validity of the outcomes 1.4 Negotiate the selection of research strategies with key people
2. Gather information	2.1 Identify relevant information sources and review relevant and credible literature related to the research topic 2.2 Assess and analyse legislative requirements impacting on the project 2.3 Identify government departments and agencies with a potential interest in the permaculture project 2.4 Collect and catalogue information from a wide range of sources
3. Consult with key people	3.1 Identify and consult a representative range of people and groups with an interest in the issues relating to the permaculture project 3.2 Review information, check for accuracy and identify the need for further information and follow-up 3.3 Liaise with key people, where required 3.4 Undertake community consultations following agreed practices and protocols
4. Organise and analyse information	4.1 Organise data generated by the research 4.2 Check the results against other available research 4.3 Look for patterns, observations and explanations and interpret them against the context 4.4 Clearly explain the concepts being analysed to key people and continue with community consultations
5. Report the findings of the research	5.1 Report complete and accurate details of the research methodology, information and analysis 5.2 Provide opportunities for the validation of the research findings using a range of different processes 5.3 Report the research findings in an accessible and useable style and format 5.4 Make the research available to all key people and those who have an interest in the project

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 QLD125RCH07B.

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 AHCPR507 Research and interpret requirements for a permaculture project

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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:

- select and justify appropriate research strategies
- gather information
- assess practical from impractical solutions
- consult with key people with an interest in the issues relating to the permaculture project
- organise and analyse information
- report the findings of the research

Knowledge Evidence

The candidate must demonstrate knowledge of:

- permaculture principles and practices and their role in sustainable development and design
- climate change science and mitigation strategies
- research methods, such as:
 - group and individual interviews
 - dialogue and storytelling
 - libraries – digital and conventional
 - electronic recordings
 - questionnaires
 - statistical sampling
 - observation
 - surveys
- research methodologies, such as:
 - action research
 - needs studies

- literature searches and correct referencing
- case studies
- consultation models
- feasibility study methodologies
- information systems (conventional and electronic)
- report presentation
- cultural analysis of information
- cultural implications of research methods

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

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