

# Training and Assessment Strategy

## Training Product: TAS - AHC31421 Certificate III in Conservation and Ecosystem Management



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## Training Product Overview

Code, Full Title and Release	TAS - AHC31421 - <a href="#">Certificate III in Conservation and Ecosystem Management (Release 2)</a> This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.1-7.2
Stream	General
Awarding RTO and Code	Landscape Skills (LS) Qld Small Business Courses (QSBC) RTO Code 41456
Available Funding Arrangements	<input checked="" type="checkbox"/> User Choice (Traineeship) <input type="checkbox"/> Construction Skills Queensland (CSQ) <input checked="" type="checkbox"/> Fee for Service <input checked="" type="checkbox"/> Certificate 3 Guarantee <input type="checkbox"/> Skilling Queenslanders for Work
Restrictions	Nil. However, the Queensland Government Contribution may be the same as Full Price, depending on qualification priority and thin market status
Delivery Locations	Online Platform and Workplace Delivery and Training Yard at Strathpine.
Target Group/Groups	A student that has less than 2 years' work experience, has basic skills in reading, writing, numeracy, communication and working with others, is generally supervised in the tasks they are asked to complete. This Target group could include: <b>Individuals currently employed in the conservation and ecosystem management Industry</b> <b>Individuals starting in the conservation and ecosystem management Industry</b> <b>Individuals returning to the workforce: wishing to extend career options.</b> Any Individual who would like the opportunity to develop the skills and knowledge to conduct ecological site inspection, controlling items like weeds, plant pests and diseases rather than simply treating them and safely selecting, preparing and transporting chemicals.
Qualification Description	This qualification provides the skills and theoretical and practical knowledge for work or further learning in the conservation and ecosystem management industry. The qualification provides for work roles encompassing a broad range of skills, or can be focussed on one or more specialisations, including: <ul style="list-style-type: none"> <li>• Indigenous land management</li> <li>• Ecological restoration</li> <li>• Land, parks and wildlife management</li> <li>• Pest controller</li> <li>• Conservation earthworks</li> <li>• Marine</li> <li>• Fire</li> <li>• Mined land rehabilitation</li> </ul> Individuals with this qualification perform a range of conservation and ecosystem management activities including, site restoration, rehabilitation and renewal and management of the rural and natural landscapes, degraded sites, and marine environments. They contribute to the preservation and maintenance of wildlife and their habitat in the natural ecosystem, parks and reserves. Activities frequently involve working with and preservation of indigenous culture and heritage resources.
Mode of Delivery	Predominantly the delivery mode is "Workplace-based delivery"
Licensing, legislative and certification considerations	No licensing, legislative or certification requirements apply to this qualification at the time of publication.
Program Duration	Estimated Duration: An estimated <b>[1504 Hours]</b> volume of learning, depending on electives selected, with an estimated duration of <b>24 months</b> .  Each student will have an initial/pre-enrolment meeting that will allow us to determine the expectations of the student and any opportunity they may have for any recognition of any prior learning or credit transfer. Variables that are unknown when making this estimation include,

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	<p>but are not limited to – progression of self-paced learning, availability of work-based tasks, and/or weather, electives selected etc.</p> <p>Individual Training Plans are created on an individual level in consultation with students and their employers (where applicable). Thus, will consider the wide range of different backgrounds and experiences of students. However, <b>the maximum duration</b> allowed is 36 months based on a full-time student.</p> <p>The Estimated Duration is the amount of time that it's reasonably expected someone could become competent and complete this qualification. All Training Plans are developed using the Estimated Duration timeframe rather than the contract's nominal term.</p> <p>School-based Apprentice or Trainee' or 'SAT' means an Apprentice or Trainee who is a school student- typically years 11 and 12 - in an approved arrangement that allows them to study for their senior certificate or equivalent, whilst at the same time undertaking government approved and nationally recognized training qualifications as paid employees. The limit for this apprenticeship in a school-based mode is a maximum of 40% of the competencies. For this qualification for example, the maximum number of competencies during school-based mode is 6 competencies.</p>
Amount of Training and Volume of Learning	<p><b>Certificate III- 1 – 2 years</b></p> <p><b>1200 – 2400 hours</b></p> <p>We develop and implement strategies for training and assessment that are consistent with the AQF and comply with the AQF in applying the volume of learning to your programs.</p> <p>Volume of Learning for this qualification is <b>[1504 Hours]</b> Refer to the Estimated Duration Table.</p> <p>ASQA require that we give you an estimate of the duration of training. The trainer will conduct sessions at least every 3 months, usually 1 hour per session to meet the student's needs. Training sessions will be in person with the trainer or through an online platform.</p>
Volume of learning within recommended AQF range	<p><input checked="" type="checkbox"/>Yes <input type="checkbox"/>No IF No: Justification: N/A</p>

## Training Product Components (Full Qualifications)

### Packaging Rules

To achieve this qualification, competency must be demonstrated in:

16 units of competency:

2 core units plus

14 elective units

Elective units must ensure the integrity of the qualification Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- at least 6 must be selected from any of groups A, B, C, D, E, F, G and/or H
- up to 6 from Group I
- up to 4 units may be selected from any currently endorsed Training Package or accredited course.

Any combination of electives that meets the packaging rules can be selected for the award of the Certificate III in Conservation and Land Management. Where appropriate, electives may be packaged to provide a qualification with a specialisation area as follows:

- at least 6 electives from Group A must be selected for the award of the Certificate III in Conservation and Ecosystem Management (Indigenous Land Management)
- at least 6 electives from Group B must be selected for the award of the Certificate III in Conservation and Ecosystem Management (Ecological Restoration)
- at least 6 electives from Group C must be selected for the award of the Certificate III in Conservation and Ecosystem Management (Land Parks and Wildlife)
- at least 6 electives from Group D must be selected for the award of the Certificate III in Conservation and Ecosystem Management (Conservation Earthworks)
- at least 6 electives from Group E must be selected for the award of the Certificate III in Conservation and Ecosystem Management (Pest Controller)
- at least 6 electives from Group F must be selected for the award of the Certificate III in Conservation and Ecosystem Management (Marine)
- at least 6 electives from Group G must be selected for the award of the Certificate III in Conservation and Ecosystem Management (Fire)
- at least 6 electives from Group H must be selected for the award of the Certificate III in Conservation and Ecosystem Management (Mined Land Rehabilitation)

Note: If more than one specialisation is completed the award of the qualification would read, for example, Certificate III in Conservation and Ecosystem Management (Indigenous Land Management and Conservation Earthworks).

	Unit Code	Unit Name	Core/Elective	PRE-Requisites	Co-Requisite	Lic
1	AHCECR309	Conduct an ecological and cultural site inspection prior to works	Core	No	No	No
2	AHCWHS301	Contribute to work health and safety processes	Core	No	No	No
3	AHCECR301	Maintain native ecosystem areas	Elective/Group A	No	No	No
4	AHCPCM303	Identify plant specimens	Elective/Group B	No	No	No
5	AHCPCM306	Provide information on plants and their culture	Elective/Group B	No	No	No
6	AHCPMG301	Control weeds	Elective/Group B	No	No	No
7	AHCCHM304	Transport and store chemicals	Elective/Group I	No	No	No

8	AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases	Elective/ Group I	No	No	No
9	AHCPMG302	Control plant pests, diseases and disorders	Elective/ Group B	No	No	No
10	AHCBIO303	Apply biosecurity measures	Elective/ Group D	No	No	No
11	AHCPCM204	Recognise plants	Elective/ Group D	No	No	No
12	AHCBIO301	Identify and report signs of unusual disease or pest	Elective/ Group I	No	No	No
13	AHCPGD307	Implement a plant establishment program	Elective/ Group I	No	No	No
14	AHCPGD311	Conduct operational inspection of park facilities	Elective/ Group I	No	No	No
15	AHCWRK309	Apply environmentally sustainable work practices	Elective/ Group C	No	No	No
16	AHCPGD310	Implement a landscape maintenance program	Elective/ Group I	No	No	No

## Entry and Resources Requirements

RTO Entry Requirement	While there are no formal entry requirements for this qualification, Students undertaking this course will need to complete their training and assessment in a workplace environment or attend LANDSCAPE SKILLS Yard for practical activities where applicable to fulfil the practical requirements of this course. Otherwise, LANDSCAPE SKILLS may assist in special arrangements where possible. For a traineeship pathway, the student must be employed full-time or part-time and have access to a workplace to be able to gain the sufficient experience to successfully complete the unit of competency requirements.
Course Entry Requirement	<input checked="" type="checkbox"/> Minimum entry age: [15 Years Old] <input checked="" type="checkbox"/> Direct Entry with basic LLN Skills <input checked="" type="checkbox"/> As a rule, only Australian citizens/ permanent residents and New Zealand citizens who have entered Australia on a valid passport have unrestricted rights to employment in Australia. Visa holders may engage in apprenticeships or traineeships provided their work rights allows this, based on information and advice provided by the Australian Government. <input checked="" type="checkbox"/> Funding Eligibility if applicable
Language, Literacy and Numeracy (LLN)	Students require basic Language, Literacy and Numeracy skills, and these are confirmed as part of the enrolment process. 1.7 of the RTO Standards state all RTO's must determine the support needs of the student.: To determine the support needs of individual students' students on enrolment are required to complete a Language Literacy and Numeracy assessment to determine their level of LLN. In instances where it is identified that there may be a particular issue, appropriate measures will be in place to mitigate the student. In some instances, the student may also be referred to a learning centre for additional support and assistance.
Technology Literacy	Students will require basic technical skills to interpret and act on available information. If a student requires support/ training in any of the recommended technical skills, we would arrange further support/training. including using: <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> creating, saving, and editing documents</li> <li><input checked="" type="checkbox"/> accessing and searching the internet</li> <li><input checked="" type="checkbox"/> downloading and saving documents from websites</li> <li><input checked="" type="checkbox"/> uploading documents through websites</li> <li><input checked="" type="checkbox"/> participating in online discussions</li> <li><input checked="" type="checkbox"/> connecting digital devices and downloading/uploading and storing images</li> <li><input checked="" type="checkbox"/> using online video conferencing services.</li> </ul>
Equipment Requirements	<input checked="" type="checkbox"/> Laptop computer/ Tablet/Phone or any suitable equipment to access the online learning platform. <input checked="" type="checkbox"/> Internet Access. If any resources are not available, we arrange for the resources to be provided where possible
Resources Requirements	The training and assessment is predominantly conducted at the student's workplace and the facilities are provided by them. A resource assessment is conducted at induction of the workplace/employer. If any resources are not available, we arrange for the resources to be provided. This can be using our training yard or the hire of equipment. Resources include: Learning resources, Physical resources, Assessment resources and Human resources [ Refer to separate sections]

Unique Student Identifier (USI)	From 1 January 2015, participants undertaking nationally recognised training require a USI before they can receive their training records and results. Once a USI is created participants will continue to use their USI for any future nationally recognised training they undertake. Your USI links to an online account that contains all your training records and results that you have completed after 1 January 2015. If you would like to create your own USI prior to commencing training, please visit <a href="http://www.usi.gov.au">www.usi.gov.au</a> . Alternatively, with your permission (which can be provided when completing your enrolment) or Landscape Skills will create your USI number on your behalf or will access/verify your current USI.
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## Pathways & Outcomes

Pathways into qualification	<input checked="" type="checkbox"/> Completion of any certificate I & II qualification. <input checked="" type="checkbox"/> Currently employed on full-time or part-time basis in the construction industry and/or Landscaping Industry <input checked="" type="checkbox"/> School Based Apprenticeships
Pathways and Vocational Outcomes	<p>The following employment pathways are available to students who complete this qualification.</p> <ul style="list-style-type: none"> <li>• Successful completion of this course will qualify you to work as a park ranger or on land conservation projects in a diverse range of settings.</li> <li>• Farm Hand</li> <li>• Conservation Worker</li> </ul>

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## Course Structure and Estimated Duration

Structure and Order of Delivery	The sequence of delivery below is a “suggested” order. This order will be dependent on the workplace/type of work available/resources/electives chosen. The order will be negotiated with the student and the employer (if applicable) throughout the course and is subject to change. The variables out of our control which may affect delivery order, include but are not limited to – weather, scope of works available at any time.						
Unit Code	Unit Name	Core / Elective	Suggested delivery order	Estimated Workplace Training Hours (Employer/ RTO)	Estimated Self-Paced Learning and Assessment Hours	Estimated Practical Assessments Duration (RTO) Hours	Total Hours
AHCECR309	Conduct an ecological and cultural site inspection prior to works	Core	1	80	20	3	103
AHCWHS301	Contribute to work health and safety processes	Core	1	60	25	3	88
AHCECR301	Maintain native ecosystem areas	Elective/ Group A	1	250	80	3	333
AHPCPM303	Identify plant specimens	Elective/ Group B	1	40	20	3	63
AHPCPM306	Provide information on plants and their culture	Elective/ Group B	2	40	25	3	68
AHCPMG301	Control weeds	Elective/ Group B	2	60	24	3	87
AHCCHM304	Transport and store chemicals	Elective/ Group I	2	40	25	3	68
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases	Elective/ Group I	2	40	25	3	68
AHCPMG302	Control plant pests, diseases and disorders	Elective/ Group B	3	42	10	3	55
AHCBIO303	Apply biosecurity measures	Elective/ Group D	3	30	30	3	63
AHPCPM204	Recognise plants	Elective/ Group D	3	60	40	3	103
AHCBIO301	Identify and report signs of unusual disease or pest	Elective/ Group I	3	32	25	3	60
AHCPGD307	Implement a plant establishment program	Elective/ Group I	4	80	12	3	95



AHCPGD311	Conduct operational inspection of park facilities	Elective/ Group I	4	40	25	3	68
AHCWRK309	Apply environmentally sustainable work practices	Elective/ Group C	4	40	20	3	63
AHCPGD310	Implement a landscape maintenance program	Elective/ Group I	4	80	18	3	101
<b>TOTAL</b>							<b>1504</b>

## Recognition Processes

Credit Transfer	<p>To apply for Credit Transfer</p> <p>The student needs to provide a USI transcript and/or original statement of attainment or qualification with record of results. We will verify these documents and may contact previous training provider to authenticate the documents before determining if you are eligible for credit transfer. If you have prior qualifications in another name, you will need to provide evidence of a name change please. Credit transfer will only be granted for whole units of competence. If approved for credit transfer, the credit transfers will be awarded and applied to your course. You can view this in your portal and in your live training plan.</p>
RPL	<p>LANDSCAPE SKILLS recognises that you may have skills or knowledge from previous learning or work experience, you may be eligible to apply for Recognition of Prior Learning and/or Credit Transfer towards partial completion of this qualification</p> <p>The competencies in this qualification may be attained through the process of Recognition of Prior Learning (RPL). RPL takes into consideration the students' previous training, work and life experience. This evidence is often referring to as 'challenge testing'.</p> <p>To apply for RPL the students will need to:</p> <ul style="list-style-type: none"> <li>• Request RPL within the enrolment form</li> <li>• Provide required evidence for selected units of competency by using the RPL tools we provide</li> <li>• Consultation and interview with a trainer and assessor to identify eligibility and provide guidance</li> <li>• Verbal questioning is used to investigate understanding of concepts, standard procedures, and minimum safety requirements for the course</li> <li>• Be prepared to demonstrate practical ability-challenge tests</li> <li>• Provide previous employer verification</li> </ul> <p>The student must provide adequate evidence to demonstrate prior experience in, the knowledge and performance evidence and each of the performance criteria listed in the unit of competency.</p> <p>If a student is granted RPL, it will reduce the estimated course duration. There will not be any hours for training or learning for the units of competency that are being awarded RPL. Approximately an hour per unit should be allowed to complete the RPL tools and then the RTO Assessment hours for each unit as per the Estimated Duration table. This will vary depending on the number of units being applied for as RPL.</p>

## Evidence Gathering and Recording Techniques

Evidence Gathering	<p>The evidence gathering process will reflect specific requirements for units within the training package, as well as the need to provide evidence of Employability Skills which are integrated into all units.</p> <p>Evidence collected may include combination of knowledge, skills observation and employer reports. Students are also expected to update their Workplace Activities sometimes referred to as WARs on a regular basis.</p> <p>All assessments will follow the Rules of Evidence and will be: - Current – the student has demonstrated the required skills and knowledge in a current context. - Sufficient – relates to the quality and quantity of assessment (e.g., Student may need perform required skills or more than one occasion to be deemed competent) - Authentic – the evidence gathered confirms it is the students own work. Valid – the assessment was appropriate to capture the student's skills and knowledge.</p> <p>Evidence types: Evidence might be gathered in form of photos, videos, workplace activity record, assessor questioning, assessor observation and written evidence.</p>
Progress Monitoring	<p>Progress and monitoring sessions are scheduled to ensure sufficient time is allowed to address the students' questions regarding each unit, to provide time to assist students with learning activities, time to review the training plan, discuss any additional support, resources etc. required by the student and workplace supervisor.</p>

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Assessments Systems	
Assessment Techniques	<p>The assessment techniques are:</p> <ul style="list-style-type: none"> <li>• Formative Assessment</li> <li>• Summative Assessment</li> <li>• Supplementary</li> </ul>
Assessment Resources	<p>All staff involved in the delivery and assessment of this qualification have:</p> <ul style="list-style-type: none"> <li>➢ Direct access to the current version of the units of competency, assessment requirements, relevant Training Package and companion volumes</li> <li>➢ Access to appropriate support materials relevant to their areas of delivery and assessment</li> <li>➢ Access to training and assessment resources to meet the requirements of students with special needs including procedures for making reasonable adjustments to the assessment process</li> <li>➢ Access to equipment and facilities to meet the requirements of each unit of competency and successfully implement the program (further information provided below).</li> </ul> <p>[See separate sections for Resources and Assessment Conditions]</p>
Reasonable Adjustment	<p>Reasonable adjustments can be made to the learning environment, training delivery, learning resources and/or assessment tasks to accommodate the support needs of a student with disability. The purpose of reasonable adjustments is to make it possible for students to participate fully. It is not to give students with additional or different needs an advantage over others, to change course standards or outcomes, or to guarantee success.</p> <p>A reasonable adjustment in learning and assessment activity needs to be justifiable and uphold the integrity of the unit/qualification. Reasonable adjustments should be negotiated on an individualised basis, recognizing that each person with disability will have specific learning needs and requirements for adjustment. Adjustments are not required if they could: cause LANDSCAPE SKILLS unjustifiable hardship and/or harm other students.</p> <p>Examples of reasonable</p> <ul style="list-style-type: none"> <li>• modification to presentation mediums and techniques or teaching practices</li> <li>• course materials, information and learning tasks in alternative formats</li> <li>• alternative assessment formats, timeframes, or tasks</li> <li>• availability of assistive technologies or specialised equipment</li> <li>• allowing a carer or support person to be present in the learning environment</li> </ul>
Assessment Timing	<p>The timing of the assessment will differ for each student and for each unit. Each unit will provide a maximum timeframe required for the practical assessments. Generally once all workplace training related to a unit of competency is completed, the online assessments can be completed. The practical assessment will be completed after both the workplace training and online assessments are completed.</p> <p>To ensure a flexible approach and to meet real workplace expectations and demands LANDSCAPE SKILLS will provide the student access to all training resources and assessment tools however, it is recommended that the student completes any self-study during the training period and commence the practical assessment only after the training for the specific skills in the unit of competency is completed.</p> <p>The trainer and assessor will contact each student to discuss their progress and inform them when assessments will be conducted.</p>
Assessment Validation	<p>LANDSCAPE SKILLS undertakes systematic validation that includes each training product on the scope of registration as per the requirements of clauses 1.9-1.11 of the RTO Standards</p>
Assessments Feedback	<p>Feedback and input from students and other stakeholders are sought, analysed and acted upon, where necessary, on a regular basis. Information gained forms part of any review of materials and in the validation and moderation processes. Trainers, employers, and students are also welcomed to give feedback at any time during their training and assessment with us. At the completion of a unit of competency and/or qualification/assessment all students are given the opportunity to complete a survey</p>

## Educational and Support Services

Educational and Support Services	<p>LANDSCAPE SKILLS will ensure all students receive appropriate welfare and guidance throughout their program. This includes, learning pathways, possible RPL opportunities, provision for special needs and provision for special cultural and religious needs (where applicable). Such support will be provided by locating support through community services such as special needs services, welfare services, counselling, advisory bodies and government departments.</p> <p>Students are provided with learning resources and access to trainers to provide them with any needed academic support.</p> <p>Refer to Reasonable adjustment section</p>
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## Transition Arrangements

The CEO subscribes to training.gov.au together with ASQA and Training.gov.au, Industry Skills Associations along with other associations. This provides information on any changes upcoming and made on any training products.

When there is a change to the Training Package that impacts on this TAS, the CEO will notify all staff affected as soon as possible.

LANDSCAPE SKILLS complies with clauses 1.26 & 1.27 of the RTO Standards. When there are major changes to the Training Package, the CEO and management team will review the changes made and create a plan to transition to the new training package requirements and cater for completion arrangements for students where possible. The progress of the transition will be monitored by LANDSCAPE SKILLS CEO and the management team.

Transition arrangements must be completed within 12 months of changes being published on training.gov.au for superseded qualifications and two years for deleted training products (except Skill Sets and units of competency which are 12 months).

## Continuous Improvement

Trainer and Assessor Feedback	Feedback and input from Trainers are sought, analysed and acted upon, where necessary, on a regular basis. Information gained forms part of any review of materials and in the validation and moderation processes. Feedback can be gathered formally and/or informally
Students Feedback	Feedback and input from students are sought, analysed and acted upon, where necessary, on a regular basis. Information gained forms part of any review of materials and in the validation and moderation processes. Feedback can be gathered formally and/or informally.
Employers Feedback	<p>Employer's feedback is gathered during three stages</p> <ul style="list-style-type: none"> <li>Pre-enrolment</li> <li>During-enrolment</li> <li>After completion</li> </ul> <p>Feedback may be gathered formally and/or informally</p>
Course Review	Stakeholder consultations occur on an ongoing basis throughout the year. Evidence of industry consultations and resulting actions is documented. Ongoing consultations with stakeholders assist in evaluating the course and identifying opportunities for improvement.

## Consultation

Industry Consultation	Consultation with industry is conducted on a regular basis. The consultation contributes to LANDSCAPE SKILLS Training and Assessment Strategies and provides an insight as to what the industry requires for their training needs. LANDSCAPE SKILLS maintains an Industry Consultation Register.
Consultation for Development of TAS	Industry representatives consulted during the development and review of the training and assessment strategy for this qualification are recorded in the LANDSCAPE SKILLS Industry Consultation Register.

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## Assessment Conditions

Learning and assessment is conducted in a work-related environment that leads to verifiable workplace outcomes. LANDSCAPE SKILLS is responsible for ensuring honest, valid, and reliable assessment is conducted throughout all programs. This includes ensuring all students are assessed against the critical aspects of assessment which apply to every unit of competency within the program.

Mandatory conditions for assessment of this Qualification are stipulated below. With additional specific requirements for each unit listed in the table below

The assessment must: include access to:

- personal protective equipment
- relevant documentation
- be conducted in a safe environment; and,
- be assessed in the context of this sector's work environment; and,
- be assessed in compliance with relevant legislation/regulation and using policies, procedures and processes directly related to the industry sector for which it is being assessed; and, confirm consistent performance can be applied in a range of relevant workplace circumstances

Unit Code	Unit Name	Assessment Conditions and Resources
AHCECR309	Conduct an ecological and cultural site inspection prior to works	<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <p><b>physical conditions:</b> skills must be demonstrated in the field</p> <p><b>specifications:</b> site-specific plans and maps for work work plans detailing current biosecurity threats, and cultural and heritage assets legislation, regulations and agreements correct resources, equipment and materials</p> <p><b>relationships:</b> supervisor stakeholders.</p>
AHCWHS301	Contribute to work health and safety processes	<p>Competency is to be assessed in the work place or workplace and simulated environments that accurately reflect performance in a real workplace setting</p> <p>Internal policies and procedures, risk assessments, access to legislation and websites, access to work area with others working in it, a range of PPE and safety equipment</p>
AHCECR301	Maintain native ecosystem areas	<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <p><b>physical conditions:</b> skills must be demonstrated on a natural area as specified in the Performance Evidence</p> <p><b>resources, equipment and materials:</b></p>

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		<p>use of tools appropriate to the maintenance tasks identified in the maintenance plan</p> <p>use of personal protective equipment</p> <p><b>specifications:</b></p> <p>workplace policies and procedures for safety, biosecurity and maintenance tasks</p> <p>workplace instructions, and natural area maintenance plan with specifications specific to the site</p> <p>legislative requirements for records</p> <p>Natural area, PPE, stakeholders, equipment, machinery, resources, signs, tree protectors, mulch, traditional owners</p> <p><b>relationships:</b></p> <p>supervisor.</p>
AHCP303	Identify plant specimens	<p>Assessment of skills must take place under the following conditions:</p> <p><b>physical conditions:</b></p> <p>skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions</p> <p>resources, equipment and materials:</p> <p>live plant specimens</p> <p>tools and equipment necessary for plant observations</p> <p>botanical reference materials, plant data bases, plant keys</p> <p><b>specifications:</b></p> <p>workplace documents including procedures and processes for recording data and preparing reports</p> <p>workplace instructions, specifications or client briefs</p> <p>relationships:</p> <p>real clients.</p>
AHCP306	Provide information on plants and their culture	<p><b>physical conditions:</b></p> <p>skills must be demonstrated in a typical workplace environment or an environment that accurately represents workplace conditions</p> <p><b>resources, equipment and materials:</b></p> <p>chemicals</p> <p>PPE</p> <p>application equipment</p> <p>chemical measuring and mixing equipment, SDS, calibration equipment, measuring and mixing equipment, internal record keeping documents, weather forecast information</p> <p><b>specifications:</b></p> <p>specific workplace documents, including work instructions and procedures for chemical application</p> <p>chemical labels and SDS</p> <p>regulations about use of chemicals</p> <p>manufacturers' operation and maintenance instructions for equipment</p> <p>access to weather forecasts or means to measure local weather.</p>

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AHCPMG301	Control weeds	<p>Assessment of skills must take place under the following conditions:</p> <p><b>physical conditions:</b> skills must be demonstrated in the field or an environment that accurately represents workplace conditions</p> <p><b>resources, equipment and materials:</b> live weeds tools and equipment used for weed control program personal protective equipment</p> <p><b>specifications:</b> workplace documents including policies, procedures, processes and forms for record keeping manufacturers' operating instructions for specific equipment and machinery safety data sheets workplace instructions and client briefs specific regulations and codes of practice</p> <p><b>relationships:</b> clients.</p>
AHCCHM304	Transport and store chemicals	<p>Assessment of skills must take place under the following conditions:</p> <p><b>physical conditions:</b> skills must be demonstrated in a typical workplace environment or an environment that accurately represents workplace conditions access to storage facility for chemicals access to vehicle for transporting chemicals</p> <p><b>resources, equipment and materials:</b> chemicals PPE materials and equipment to handle, secure and protect chemical loads</p> <p><b>specifications:</b> specific workplace documents, including work instructions and procedures for chemical handling, storage and transport chemical labels and safety data legislation and regulations about handling, storage and transport of chemicals.</p>
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases	<p><b>physical conditions:</b> skills must be demonstrated in a typical workplace environment or an environment that accurately represents workplace conditions</p> <p><b>resources, equipment and materials:</b> chemicals PPE application equipment chemical measuring and mixing equipment, SDS, calibration equipment, measuring and mixing equipment, internal record keeping documents, weather forecast information</p> <p><b>specifications:</b></p>
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		specific workplace documents, including work instructions and procedures for chemical application chemical labels and SDS regulations about use of chemicals manufacturers' operation and maintenance instructions for equipment access to weather forecasts or means to measure local weather.
AHCPMG302	Control plant pests, diseases and disorders	<b>physical conditions:</b> skills must be demonstrated in the field or an environment that accurately represents workplace conditions <b>resources, equipment and materials:</b> pests, diseases and disorders tools and equipment for control program personal protective equipment <b>specifications:</b> workplace documents including policies, procedures, processes and forms for record keeping manufacturers' operating instructions for specific equipment and machinery safety data sheets workplace instructions and client briefs specific legislation/codes of practice <b>relationships:</b> clients supervisor.
AHCBIO303	Apply biosecurity measures	<b>physical conditions:</b> skills must be demonstrated on a site that has exposure to potential biosecurity threats or an environment that accurately represents workplace conditions <b>resources, equipment and materials:</b> digital technology and websites to access current biosecurity information tools and equipment required to implement control measures recording system relevant to biosecurity Risk assessments, biosecurity plans, workplace documents, workplace instructions, access to legislation, access to internet, computers and websites, internal reporting documents, input/output data, research equipment, tools and equipment for control measures, recording system relevant to biosecurity <b>specifications:</b> workplace biosecurity plans, procedures, records, workplace instructions, job specifications or work routines regulations, legislation, codes of practice relevant to biosecurity <b>relationships:</b> supervisor.
AHCPM204	Recognise plants	Assessment of the skills in this unit of competency must take place under the following conditions:

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		<p><b>physical conditions:</b> a workplace setting or an environment that accurately represents workplace conditions resources, equipment and materials: plants plant recognition resources and equipment access to internet and field guide reference materials applicable to plant recognition <b>specifications:</b> workplace requirements applicable to health and safety in the workplace for recognising plants <b>relationships:</b> appropriate personnel and supervisor</p>
AHCBIO301	Identify and report signs of unusual disease or pest	<p><b>physical conditions:</b> skills must be demonstrated in an environment that accurately represents workplace conditions <b>resources, equipment and materials:</b> plants or animals showing signs of disease or pest infestation/ Checklists, research tools, policies and procedures, biosecurity plans <b>specifications:</b> workplace procedures for managing a biosecurity threat reference materials for comparing observations <b>relationships:</b> supervisor and/or professional.</p>
AHCPGD307	Implement a plant establishment program	<p><b>physical conditions:</b> a workplace setting or an environment that accurately represent workplace conditions <b>resources, equipment and materials:</b> workplace procedures applicable to implementing a plant establishment program materials, tools, equipment and machinery applicable to implementing a plant establishment program plants PPE applicable to implementing a plant establishment program Site plan/s <b>specifications:</b> workplace requirements applicable to health and safety in the workplace for implementing a plant establishment program site plans and specifications applicable to implementing a plant establishment program <b>relationships:</b> supervisor</p>

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AHCPGD311	Conduct operational inspection of park facilities	<p><b>physical conditions:</b> a workplace setting or an environment that accurately represent workplace conditions</p> <p><b>resources, equipment and materials:</b> workplace procedures applicable to conducting an operational inspection of park facilities materials, tools and equipment applicable to conducting an operational inspection of park facilities checklists, forms and inspection report proformas applicable to conducting an operational inspection of park facilities photographic device PPE applicable to conducting an operational inspection of park facilities Isolation signs and securing material</p> <p><b>specifications:</b> workplace requirements applicable to health and safety in the workplace for conducting an operational inspection of park facilities workplace requirements and Australian standards applicable to park facilities and conducting an operational inspection of park facilities legislation and codes of practice applicable to public use of park facilities and conducting an operational inspection of park facilities</p> <p><b>relationships:</b> client or supervisor</p>
AHCWRK309	Apply environmentally sustainable work practices	Internal compliance documents, access to data covering resource usage, access to Environmental COP's, company policies and procedures
AHCPGD310	Implement a landscape maintenance program	<p><b>physical conditions:</b> a workplace setting or an environment that accurately represent workplace conditions</p> <p><b>resources, equipment and materials:</b> workplace procedures applicable to implementing a landscape maintenance program site inspection checklist soft and hard landscape materials, tools and equipment applicable to implementing a landscape maintenance program</p> <p><b>specifications:</b> workplace requirements applicable to health and safety in the workplace for implementing a landscape maintenance program landscape maintenance program and standards</p>

## Assessment Methods

Assessment Method by ASQA	Description	Assessment Methods LANDSCAPE SKILLS Mapping					
Direct Observations	Assessed in real time in the workplace	Practical Observations					
Product Based Methods	Structured Assessment activities such as reports and work samples	Multiple Choice and Short written Questions Scenarios and case studies Activity sheets and reports					
Portfolio	A collection of work samples of annotated and validated pieces of evidence, compiled by the student. Such as written documents, photographs and logbooks	Work Activity Record (WAR) Photographs					
Questioning	Written or verbal questioning	Verbal Questioning					
Third-Party Evidence		Third Party Report					
Unit Code	Unit Name	Multiple Choice and Short written Questions	Verbal Questioning	Scenarios and case studies	Activity sheets and reports	Practical Observations	Third Party Report
AHCECR309	Conduct an ecological and cultural site inspection prior to works	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCWHS301	Contribute to work health and safety processes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCECR301	Maintain native ecosystem areas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCPCM303	Identify plant specimens	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCPCM306	Provide information on plants and their culture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCPMG301	Control weeds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCCHM304	Transport and store chemicals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCPMG302	Control plant pests, diseases and disorders	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCBIO303	Apply biosecurity measures	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCPCM204	Recognise plants	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCBIO301	Identify and report signs of unusual disease or pest	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCPGD307	Implement a plant establishment program	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCPGD311	Conduct operational inspection of park facilities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCWRK309	Apply environmentally sustainable work practices	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AHCPGD310	Implement a landscape maintenance program	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Trainer and Assessor Requirements

LANDSCAPE SKILLS ensures all trainers and assessors comply with the requirements of clauses 1.1 – 1.16 of the RTO Standards. Individual staff profiles are maintained at the unit of competency level for each trainer and assessor

Assessors must be able to clearly demonstrate current and relevant industry knowledge and experience to satisfy the mandatory regulatory standards as set out in the RTO Standards /Australian Quality Training Framework mandatory requirements for assessors' current at the time of assessment and any relevant licensing and certification requirements. This includes:

- vocational competencies at least to the level being delivered and assessed
- current industry skills directly relevant to the training and assessment being provided
- current knowledge and skills in vocational training and learning that informs their training and assessment
- formal relevant qualifications in training and assessment
- having knowledge of and/or experience using the latest techniques and processes

Staff Profiles are annually reviewed to ensure compliance with the RTO Standards

## Human Resources

Unit Code	Unit Name	Trainer & Assessor	Trainer & Assessor
AHCECR309	Conduct an ecological and cultural site inspection prior to works	Steven Jameson	Felicity Capelli
AHCWHS301	Contribute to work health and safety processes	Steven Jameson	Felicity Capelli
AHCECR301	Maintain native ecosystem areas	Steven Jameson	Felicity Capelli
AHCPCM303	Identify plant specimens	Steven Jameson	Felicity Capelli
AHCPCM306	Provide information on plants and their culture	Steven Jameson	Felicity Capelli
AHCPMG301	Control weeds	Steven Jameson	Felicity Capelli
AHCCHM304	Transport and store chemicals	Steven Jameson	Felicity Capelli
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases	Steven Jameson	Felicity Capelli
AHCPMG302	Control plant pests, diseases and disorders	Steven Jameson	Felicity Capelli
AHCBIO303	Apply biosecurity measures	Steven Jameson	Felicity Capelli
AHCPCM204	Recognise plants	Steven Jameson	Felicity Capelli
AHCBIO301	Identify and report signs of unusual disease or pest	Steven Jameson	Felicity Capelli
AHCPGD307	Implement a plant establishment program	Steven Jameson	Felicity Capelli
AHCPGD311	Conduct operational inspection of park facilities	Steven Jameson	Felicity Capelli
AHCWRK309	Apply environmentally sustainable work practices	Steven Jameson	Felicity Capelli
AHCPGD310	Implement a landscape maintenance program	Steven Jameson	Felicity Capelli

## Supporting Rationale

**Certificate III qualifications** are often the basis for trade outcomes and undertaken as part of a traineeship or apprenticeship. In these cases, up to four years may be required to achieve the learning outcomes.

**RTO Standards:** These Standards are the Standards for Registered Training Organisations 2015. These Standards form part of the VET Quality Framework, a system which ensures the integrity of nationally recognised qualifications.

**Standard 1. The RTO's training and assessment strategies and practices are responsive to industry and learner needs and meet the requirements of training packages and VET accredited courses.**

### Recognition of Prior Learning (RPL)

means an assessment process that assesses the competency/s of an individual that may have been acquired through formal, non-formal and informal learning to determine the extent to which that individual meets the requirements specified in the training package or VET accredited courses. Formal learning refers to learning that takes place through a structured program of instruction and is linked to the attainment of an AQF qualification or statement of attainment (for example, a certificate, diploma or university degree);

non-formal learning refers to learning that takes place through a structured program of instruction, but does not lead to the attainment of an AQF qualification or statement of attainment (for example, in-house professional development programs conducted by a business); and

informal learning refers to learning that results through experience of work-related, social, family, hobby or leisure activities (for example the acquisition of interpersonal skills developed through several years as a sales representative).

**The Australian Qualifications Framework (AQF)** means the framework for regulated qualifications in the Australian education and training system, as agreed by the Commonwealth, State and Territory ministerial council with responsibility for higher education. Provides a **guide** to the volume of learning (see 'AQF volume of learning indicators' table), which describes how long a student who does not hold any of the competencies identified in the relevant units of competency or modules would take to develop all the required skills and knowledge.

<https://www.aqf.edu.au/sites/aqf/files/volume-of-learning-explanation-v2-2014.pdf>

**The volume of learning** is a dimension of the complexity of a qualification. It is used with the level criteria and qualification type descriptor to determine the depth and breadth of the learning outcomes of a qualification. The volume of learning identifies the notional duration of all activities required for the achievement of the learning outcomes specified for a particular AQF qualification type. It is expressed in equivalent full-time years.

### Estimated Duration

From RTO Standards:

- a) the training and assessment, and related educational and support services the RTO will provide to the student including the:
  - i) estimated duration;
  - ii) expected locations at which it will be provided;
  - iii) expected modes of delivery;
  - iv) name and contact details of any third party that will provide training and/or assessment, and related educational and support services to the student on the RTO's behalf; and
  - v) any work placement arrangements.

### Definition: estimate

verb

past tense: estimated; past participle: estimated

"Roughly calculate or judge the value, number, quantity, or extent of"

When trying to best estimate duration of training, we have had to consider different variables and these are referred to in the Estimated Duration Table.

The Estimated Duration table, does not include formative assessment hours. These are in addition to the Volume of Learning. The time required to complete assessments can differ greatly from student to student as recorded in Assessment Timing. The estimated timeframe allocated for these tasks are approximate and as a maximum. The exact timeframe can vary depending on job requirements, resources, weather, and site conditions...etc.

**Credit transfer** is defined in the AQF as follows: Credit transfer is a process that provides students with agreed and consistent credit outcomes for components of a qualification based on identified equivalence in content and learning outcomes between matched qualifications. This is underpinned by the AQF definition of credit as follows: Credit is the value assigned for the recognition of equivalence in content and learning outcomes between different types of learning and/or qualifications. Credit reduces the amount of learning required to achieve a qualification and may be through credit transfer, articulation, recognition of prior learning or advanced standing.

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