COURSE OUTLINE

AHC33210 Certificate III in Floriculture
AHC30910 Certificate III in Landscape Construction
AHC31010 Certificate III in Parks and Gardens
AHC31110 Certificate III in Production Nursery
AHC31210 Certificate III in Retail Nursery

Smart City Vocational College is offering the above listed Certificate Level III qualifications through the following arrangements:

- Apprenticeship (Queensland and ACT)
- Fee for service
- Certificate 3 Guarantee Program (QLD only)

The units currently offered by Smart City Vocational College in this qualification are listed within this document.
QUALIFICATION INFORMATION

**AHC33210 Certificate III in Floriculture**
This qualification provides a vocational outcome in floriculture. The floriculture industry expects this qualification to be achieved to meet job outcomes at this level.

Job roles and titles vary across different industry sectors. Possible job titles relevant to this qualification include:
- Flower farm worker

**Entry requirements**
*There are no entry requirements for this qualification.* However, you will be required to complete a Language, Literacy and Numeracy Assessment before commencing in this qualification with Smart City Vocational College.

Learners wishing to undertake this program through a funded apprenticeship will be required to meet specific program entry requirements. Please contact your local campus to obtain information on these requirements.

**Pathways into the qualification**
This qualification may be accessed by direct entry.

**Pathways from the qualification**
Further training pathways from this qualification include, but are not limited to, Certificate IV in Production Horticulture

**Mode of training delivery**
The delivery mode describes the way training will be delivered to support and enable learning.

- Apprenticeship (Queensland only)  
  Face to Face  
  Work-based

- Fee for Service  
  Face to Face  
  Work-based

*Please note* that for work-based delivery, entry is restricted to learners holding positions within organisations where it is agreed that the learner can gain access to information necessary for their training and assessment. Learners will also require access to the following:

- Access to the Internet, for research purposes.
- Students must be employed in the Floriculture industry.
- Due to the specialised nature of this qualification a real work environment is required to ensure the range of work, facilities and equipment.
- Workplace technology, e.g. computer, fax machine, telephone, printer, and other horticultural resources relevant to units outlined in the training plan, e.g. specialised equipment as required for the floriculture industry, mowers, brush cutters, chemical spraying equipment.
• Workplace policies and procedures manual (or similar documentation), and other relevant resources as required for assistance in completing your assessment activities (where required).
• Personal Protective Equipment including; hi visibility long sleeve shirt, long pants, steel cap boots, and a sun protective hat.

**Timeframe**
Dependent on the mode of delivery and/or program type, the timeframe for this qualification will vary.

<table>
<thead>
<tr>
<th>Apprenticeship</th>
<th>36 months full time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>72 months part time</td>
</tr>
</tbody>
</table>

| Fee for Service | 12 – 36 months |

Although the above timeframes may differ, the required Volume of Learning shall be met.

**Cost**
Below is an overview of costs for this qualification:

<table>
<thead>
<tr>
<th>Apprenticeship – Student Contribution Fees (QLD)</th>
<th>$1.60 per nominal hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Concessions apply to applicable learners (refer to Learner Handbook)</td>
<td></td>
</tr>
</tbody>
</table>

| Fee for service | Contact the College for a quote |

**LICENSING, LEGISLATIVE, REGULATORY OR CERTIFICATION CONSIDERATIONS**
Not Applicable
There is no direct link between this qualification and licensing, legislative and/or regulatory requirements. However, where required, a unit of competency will specify relevant licensing, legislative and/or regulatory requirements that impact on the unit.

**RANGE OF ASSESSMENTS**
• Methods of assessment to cover a range of evidence gathering, for example, written questions and answers, observation, verbal questioning, supplementary evidence including, evidence portfolio, referee report, photographic evidence, workbook activities, log book
• Assessment can be modified where necessary.
• Recognition of your current skills and or past experience/qualifications (RCC/RPL).

Please discuss your learning needs with us. Whilst the Elements/Performance Criteria are required to be at a consistent standard, there is scope to modify either delivery of training (reasonable adjustment) or how your competencies are assessed to ensure that you succeed with your chosen area of training.
When submitting assessment items, please ensure you have followed the guidelines as outlined in the assessment booklet, for example typing/writing your name, unit of competency code, and page number on all documents etc.

CREDIT TRANSFER/NATIONAL RECOGNITION
Credit transfer is where you may have completed Units or a course with another Registered Training Organisation and it is relevant and/or able to be used for your current and anticipated study. Please note that Smart City Vocational College is committed to applying Credit Transfer to Qualifications/Units completed at other training organisations. Please ensure you mention this to your trainer on/before enrolment.

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makes contact via email, a staff member from Smart City Vocational College will endeavour to respond within 48-72 hours.

LEARNER’S ROLE
As an enrolled Learner of Smart City Vocational College, you will need to be able to:

- Study independently
- Commit a suitable amount of time to your study and actively work to complete enrolled units
- Submit assessments by the due date
- Balance your work, personal life and study priorities throughout the training

Further information about your roles and responsibility as a Learner are listed in the Learner Handbook as available on the Smart City website and provided on enrolment.

USI (UNIQUE STUDENT IDENTIFIER)
All Learners who will be completing or commencing nationally recognised training with Smart City Vocational College (campus, distance or blended) will need to have a Unique Student Identifier (USI). This is a requirement of the Australian Government - Department of Industry.

A USI account will contain all your nationally recognised training records and results from 1st January 2015 onwards. Your USI will help keep your training records and results together in an online account controlled by you. Each time you enrol to study at a new training organisation, your USI will be used to store your training records and results.

APPLY FOR YOUR OWN USI
It is free and easy for you to create your own USI online. Visit the USI website at usi.gov.au and select the ‘Create a USI’ link and follow the steps.

ONCE YOU CREATE YOUR USI
Once you create your USI you will need to notify Smart City of your USI number and any other training organisation you study with so your training outcomes can be linked. You will be able to:

- View and update your details in your USI account;
- Give your training organisation permission to view and/or update your USI account;
- Give your training organisation view access to your transcript;
- Control access to your transcript from 2015; and
- View online and download your training records and results in the form of a transcript which will help you with job applications and enrolment in further training.

For more information you can:

- Watch the short information video from the Australian Government at https://www.youtube.com/watch?v=HRYaaF-B7Ho (or search Unique Student Identifier (USI) – Student Video on YouTube).
- Visit the website: www.usi.gov.au
- Visit our website www.smartcitycollege.edu.au and review our learner handbook

### EMPLOYABILITY SKILLS SUMMARY

AHC31210 Certificate III in Floriculture - The following table contains a summary of the Employability Skills required by industry for this qualification. The Employability Skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

<table>
<thead>
<tr>
<th>Employability Skill</th>
<th>Industry requirements for this qualification include</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communication</strong></td>
<td>Listening and understanding</td>
</tr>
<tr>
<td></td>
<td>Speaking clearly and directly</td>
</tr>
<tr>
<td></td>
<td>Reading and interpreting workplace related documentation</td>
</tr>
<tr>
<td></td>
<td>Applying numeracy skills to workplace requirements</td>
</tr>
<tr>
<td><strong>Teamwork</strong></td>
<td>Working as an individual and a team member</td>
</tr>
<tr>
<td></td>
<td>Working with diverse individuals and groups</td>
</tr>
<tr>
<td></td>
<td>Applying knowledge of own role as a part of a team</td>
</tr>
<tr>
<td><strong>Problem solving</strong></td>
<td>Developing practical and creative solutions to workplace problems</td>
</tr>
<tr>
<td></td>
<td>Showing interdependence and initiative in identifying problems</td>
</tr>
<tr>
<td></td>
<td>Solving problems individually or in teams</td>
</tr>
<tr>
<td><strong>Initiative and enterprise</strong></td>
<td>Adapting to new situations</td>
</tr>
<tr>
<td></td>
<td>Being creative in response to workplace challenges</td>
</tr>
<tr>
<td></td>
<td>Identifying opportunities that might not be obvious to others</td>
</tr>
<tr>
<td><strong>Planning and organising</strong></td>
<td>Collecting analysing and organising information</td>
</tr>
<tr>
<td></td>
<td>Being appropriately resourceful</td>
</tr>
<tr>
<td><strong>Self-management</strong></td>
<td>Monitoring and evaluating own performance</td>
</tr>
<tr>
<td></td>
<td>Taking responsibility at the appropriate level</td>
</tr>
<tr>
<td><strong>Learning</strong></td>
<td>Learning in a range of settings including informal learning</td>
</tr>
<tr>
<td></td>
<td>Being open to learning, new ideas and techniques</td>
</tr>
<tr>
<td><strong>Technology</strong></td>
<td>Using technology and related workplace equipment</td>
</tr>
<tr>
<td></td>
<td>Using basic technology skills</td>
</tr>
<tr>
<td></td>
<td>Applying OHS knowledge when using technology</td>
</tr>
</tbody>
</table>
UNIT SELECTION LIST:

15 units of competency are required to complete this qualification.
1 core unit plus 14 elective units; the 14 elective units must be selected from the units listed below.
- **minimum** of four (4) units must come from elective group **A**
- **a minimum** of seven (7) units must come from elective groups **A** or **B**

### AHC33210 Certificate III in Floriculture

**APRENTICESHIP /FEE FOR SERVICE**

Your trainer will assist you in choosing the most applicable and appropriate units for your training plan that will enable the best course outcome and overall learning experience for you.

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Title</th>
<th>Elements</th>
<th>Tick your selection</th>
<th>Nominal Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHCCHM303A</td>
<td>Prepare and apply chemicals</td>
<td>Determine the need for chemical use</td>
<td></td>
<td>70</td>
</tr>
<tr>
<td>AHCCHM304A</td>
<td>Transport, handle and store chemicals</td>
<td>Transport and handle chemicals and biological agents</td>
<td></td>
<td>50</td>
</tr>
<tr>
<td>AHCIRG302A</td>
<td>Install irrigation systems</td>
<td>Organise resources for installation work</td>
<td></td>
<td>70</td>
</tr>
<tr>
<td>AHCNSY303A</td>
<td>Install and maintain plant displays</td>
<td>Assess requirements for plantscaping</td>
<td></td>
<td>60</td>
</tr>
<tr>
<td>AHCMMOM304A</td>
<td>Operate machinery and equipment</td>
<td>Prepare machinery and equipment for use</td>
<td></td>
<td>40</td>
</tr>
</tbody>
</table>

**Electives Group A**

- AHCOHS301A: Contribute to OHS processes
- AHCPCM301A: Implement a plant nutrition program
- AHCPCM302A: Provide information on plants and their culture
- AHCSOL301A: Prepare growing media
- AHCNSY301A: Maintain nursery plants

**Electives Group B**

- AHCCHM304A: Transport, handle and store chemicals
- AHCIRG302A: Install irrigation systems
- AHCNSY303A: Install and maintain plant displays
- AHCMMOM304A: Operate machinery and equipment

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<table>
<thead>
<tr>
<th>Unit code</th>
<th>Title</th>
<th>Elements</th>
<th>Tick your selection</th>
<th>Nominal Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHCNSY302A</td>
<td>Receive and dispatch nursery products</td>
<td>Select product for an order</td>
<td></td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maintain the stock inventory</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prepare for dispatch or delivery</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Receive products</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AHCNSY302A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Control weeds</td>
<td>Assess weed infestation</td>
<td></td>
<td>70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Plan control measures</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Implement control measures</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Monitor control measures</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AHCMPG302A</td>
<td>Control plant pests</td>
<td>Assess pests and disease infestation</td>
<td></td>
<td>80</td>
</tr>
<tr>
<td></td>
<td>diseases and disorders</td>
<td>Plan the implementation of control measures</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Implement control measures</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Monitor control methods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AHCMPG302A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sample soils and interpret results</td>
<td>Prepare for soil sampling</td>
<td></td>
<td>60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Determine soil characteristics by performing soil sampling</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Interpret results of soil analysis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AHCMPG302A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Implement and monitor</td>
<td>Investigate current practices in relation to resource usage</td>
<td></td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>environmentally sustainable work practices</td>
<td>Set targets for improvements</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Implement performance improvement strategies</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Monitor performance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AHCWRK313A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
QUALIFICATION INFORMATION

AHC30910 Certificate III in Landscape Construction
This qualification provides a general vocational outcome in landscape construction. The landscaping industry expects this qualification to be achieved to meet job outcomes at this level.

Job roles and titles vary across different industry sectors. Possible job titles relevant to this qualification include:
- Landscaper

Entry requirements
There are no entry requirements for this qualification. However, you will be required to complete a Language, Literacy and Numeracy Assessment before commencing in this qualification with Smart City Vocational College.

Eligibility criteria may apply if training is subsidised through government funded programs.

Learners wishing to undertake this program through a funded apprenticeship will be required to meet specific program entry requirements. Please contact your local campus to obtain information on these requirements.

Pathways into the qualification
This qualification may be accessed by direct entry.

Pathways from the qualification
Further training pathways from this qualification include, but are not limited to, Certificate IV in Horticulture or Diploma of Landscape Design.

Mode of training delivery
The delivery mode describes the way training will be delivered to support and enable learning.

Apprenticeship (QLD and ACT)  Face to Face  Work-based
Fee for Service  Face to Face in a classroom environment with Vocational Placement or work-based
Certificate 3 Guarantee Program (QLD only)  Face to Face in a classroom environment with Vocational Placement or work-based

Please note that for work-based delivery, entry is restricted to learners holding positions within organisations where it is agreed that the learner can gain access to information necessary for their training and assessment. Learners will also require access to the following:

- Students must be employed in the Landscape Construction industry or be undertaking work experience in the landscaping industry.
- Access to the Internet, for research purposes.
• Workplace policies and procedures manual (or similar documentation), and other relevant resources as required for assistance in completing your assessment activities (where required).
• Personal Protective Equipment including; hi visibility long sleeve shirt, long pants, steel cap boots, and a sun protective hat.
• Workplace technology and other resources relevant to units outlined below, e.g. hand and power tools, mowers, brush cutters, chemical spraying equipment

CERTIFICATE 3 GUARANTEE PROGRAM – INFORMATION
The Certificate 3 Guarantee Program provides a Government subsidy towards the training cost for eligible Participants undertaking an Australian Qualifications Framework certificate level III qualification. The objective of the program is the delivery and completion of certificate III qualifications which lead to job outcomes or career progression.

Under Certificate 3 Guarantee, lower level vocational qualifications are also subsidised in certain circumstances, based on an individual’s learning, skilling or support needs, to achieve an employment outcome for students.

*Please take the time to consider if this qualification and industry is right for you or your clients.*

Timeframe
Dependent on the mode of delivery and/or program type, the timeframe for this qualification will vary.

- Apprenticeship: 36 months full time, 72 months part time
- Fee for Service: 12 – 36 months
- Certificate 3 Guarantee Program (QLD only): 12 months

Although the above timeframes may differ, the required Volume of Learning shall be met.

VOCATIONAL PLACEMENT
To be assessed as competent in this qualification, you are required to undertake a minimum of 150 hours of mandatory vocational placement in a horticulture based organisation. The vocational placement:

- must be organised by the learner in consultation with Smart City Vocational College
- provides learners with industry experience but is not remunerated
- is directly related to the specific units of competency/skill requirements of a qualification/course as nominated by Smart City Vocational College
- is an assessable part of a learner’s qualification where a learner is placed in a workplace to receive practical training and experience
- needs to be successfully completed before a qualification or statement of attainment can be issued
Vocational placement must be organised as soon as possible after the commencement of the qualification to ensure timely contact and approval by the host and Smart City Vocational College.

The object of a vocational placement is to provide a learner with the opportunity to undertake practical training and to gain the experience required to enable them to demonstrate competency against the outcomes of a nationally recognised qualification/course.

A vocational placement is generally an appropriate option for learners who would not otherwise have sufficient access to the facilities, equipment and range of work necessary to develop and consolidate their skills to the level required of the qualification/course, for example, learners not employed in the vocational area in which they are studying.

Learners are appropriately covered by Smart City Vocational College insurances whilst undertaking their vocational placement hours.

**Cost**

Below is an overview of costs for this qualification:

**Apprenticeship (QLD) - Student Contribution Fees**

* Concessions apply to applicable learners (refer to Learner Handbook)

- $1.60 per nominal hour

**Apprenticeship - Student Contribution Fee (ACT)**

* Concessions apply to applicable learners (refer to Learner Handbook)

- Apprentice $350.00 for the first 12 month period and up to $600.00 to be charged for each subsequent 12 month period

**Fee for service**

- Contact the College for a quote

**Certificate 3 Guarantee Program (Co-contribution Fees)**

**Existing worker** (within a current workplace)

- $50.00 non-concessional ($3.33 per unit)
- $25.00 concessional ($1.67 per unit)

**Classroom based** (with vocational placement)

- $1000.00 non-concessional ($66.67 per unit)
- $500.00 ($33.33 per unit)

A co-contribution fee is payable for the Certificate 3 Guarantee Program. This co-contribution fee is the contribution to the cost of training and assessment services and is payable by students. The fee may be paid on behalf of the student by a third party, but cannot be waived.

Fees must be paid in full prior to the commencement of the course. The fees will be charged by Smart City Vocational College at a per unit rate. The co-contribution fee can change depending on the delivery method and location.

The co-contribution fee for this qualification delivered in the workplace is:
• Non-concessional students $50.00 ($3.33 per unit) includes learner’s whose fees are being paid by their Employment Service Provider or other party.
• Concessional students $25.00 ($1.67 per unit).

The co-contribution fee for this qualification delivered at a Smart City Vocational College campus is:

• Non-concessional students $1000.00 ($66.67 per unit) includes learner’s whose fees are being paid by their Employer or other party.
• Concessional students $500.00 ($33.33 per unit).

_The large difference in co-contribution fee between existing worker and in the classroom delivery is due to the required physical resources to undertake training and assessment (e.g. concrete and associated materials, bricks/blocks etc.)_

Fee exemptions and concessions apply to eligible learners.

A refund for the co-contributions is available if a student applies in writing prior to the commencement of the course or if the course is cancelled by the college.

A minimum of 10 students is required before a class will commence.

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**USI (UNIQUE STUDENT IDENTIFIER)**

All Learners who will be completing or commencing nationally recognised training with Smart City Vocational College (campus, distance or blended) will need to have a Unique Student Identifier (USI). This is a requirement of the Australian Government - Department of Industry.

A USI account will contain all your nationally recognised training records and results from 1st January 2015 onwards. Your USI will help keep your training records and results together in an online account controlled by you. Each time you enrol to study at a new training organisation, your USI will be used to store your training records and results.

**APPLY FOR YOUR OWN USI**

It is free and easy for you to create your own USI online. Visit the USI website at usi.gov.au and select the ‘Create a USI’ link and follow the steps.

**ONCE YOU CREATE YOUR USI**

Once you create your USI you will need to notify Smart City of your USI number and any other training organisation you study with so your training outcomes can be linked. You will be able to:

- View and update your details in your USI account;
- Give your training organisation permission to view and/or update your USI account;
- Give your training organisation view access to your transcript;
- Control access to your transcript from 2015; and
- View online and download your training records and results in the form of a transcript which will help you with job applications and enrolment in further training.

For more information you can:

- Watch the short information video from the Australian Government at https://www.youtube.com/watch?v=HRYaaF-B7Ho (or search Unique Student Identifier (USI) – Student Video on YouTube).
- Visit the website: www.usi.gov.au
- Visit our website www.smartcitycollege.edu.au and review our learner handbook
**EMPLOYABILITY SKILLS SUMMARY**

AHC30910 Certificate III in Landscape Construction - The following table contains a summary of the Employability Skills required by industry for this qualification. The Employability Skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

<table>
<thead>
<tr>
<th>Employability Skill</th>
<th>Industry requirements for this qualification include</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>Listening and understanding</td>
</tr>
<tr>
<td></td>
<td>Speaking clearly and directly</td>
</tr>
<tr>
<td></td>
<td>Reading and interpreting workplace related documentation</td>
</tr>
<tr>
<td></td>
<td>Interpreting the needs of internal/external customers</td>
</tr>
<tr>
<td></td>
<td>Applying numeracy skills to workplace requirements</td>
</tr>
<tr>
<td>Teamwork</td>
<td>Working as an individual and a team member</td>
</tr>
<tr>
<td></td>
<td>Working with diverse individuals and groups</td>
</tr>
<tr>
<td></td>
<td>Applying knowledge of own role as a part of a team</td>
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<tr>
<td>Problem solving</td>
<td>Developing practical and creative solutions to workplace problems</td>
</tr>
<tr>
<td></td>
<td>Showing interdependence and initiative in identifying problems</td>
</tr>
<tr>
<td></td>
<td>Solving problems individually or in teams</td>
</tr>
<tr>
<td>Initiative and enterprise</td>
<td>Adapting to new situations</td>
</tr>
<tr>
<td>Planning and organising</td>
<td>Collecting analysing and organising information</td>
</tr>
<tr>
<td></td>
<td>Taking initiative and making decisions within workplace role</td>
</tr>
<tr>
<td></td>
<td>Managing time and priorities</td>
</tr>
<tr>
<td>Self-management</td>
<td>Taking responsibility at the appropriate level</td>
</tr>
<tr>
<td>Learning</td>
<td>Participating in ongoing learning</td>
</tr>
<tr>
<td></td>
<td>Learning new skills and techniques</td>
</tr>
<tr>
<td>Technology</td>
<td>Using technology and related workplace equipment</td>
</tr>
<tr>
<td></td>
<td>Using basic technology skills</td>
</tr>
<tr>
<td></td>
<td>Applying OHS knowledge when using technology</td>
</tr>
</tbody>
</table>
UNIT LIST:
15 units of competency are required to complete this qualification.
12 core unit plus 3 elective units; the 3 elective units are listed below.

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Title</th>
<th>Elements</th>
<th>Nominal Hours</th>
</tr>
</thead>
</table>
| AHC0HS301A | Contribute to OHS processes                                          | Adapt OHS policies and procedures  
Assist in workplace hazard identification and risk control  
Observe safe practices during work operations  
Participate in arrangements for maintaining health and safety of all people in the workplace | 50            |
| AHC0GD301A | Implement a plant establishment program                             | Prepare to establish a planted area  
Prepare the planting area  
Undertake planting operation  
Review the plant establishment works  
Complete establishment works | 80            |
| AHC0DRG301A| Install drainage systems                                            | Prepare for drainage system installation activities  
Co-ordinate installation work  
Prepare the site for installation of drainage system  
Undertake installation of drainage system  
Complete installation of drainage system | 50            |
| AHC0LC303A | Construct brick and/or block-structures and features                | Plan and prepare work  
Set out and prepare the site  
Construct structure or feature  
Check quality of work and clean up site | 100           |
| AHC0BUS402A| Cost a project                                                       | Obtain current prices for project resources  
Calculate individual itemised costs of the project  
Prepare a summary of the cost of the project | 50            |
| AHC0LC302A | Construct landscape features using concrete                        | Plan and prepare work  
Set out and prepare the site  
Mix and pour concrete  
Finish concrete  
Check quality of work and clean up site | 80            |
| AHC0LC301A | Set out site for construction works                                 | Interpret site plans and specifications  
Locate and mark out position of construction works  
Establish datum point and survey benchmarks on site  
Take and verify site levels | 50            |
| AHC0LC305A | Construct stone structures and features                             | Plan and prepare work  
Set out and prepare the site  
Construct structure or feature  
Install stone paving  
Check quality of work and clean up site | 50            |
| AHC0LC306A | Implement a paving project                                          | Prepare for paving project  
Set out and prepare the site  
Coordinate paving project installation  
Check quality of work and clean up site | 100           |
| AHC0LC307A | Implement a retaining wall project                                  | Prepare for retaining wall project  
Mark out site for retaining wall  
Construct retaining wall  
Check quality of work and clean up site | 100           |
<table>
<thead>
<tr>
<th>Unit code</th>
<th>Title</th>
<th>Elements</th>
<th>Nominal Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHCPCM302A</td>
<td>CORE</td>
<td>Provide information on plants and their culture</td>
<td>70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Identify the issue</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Decide on preferred solution</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Provide the preferred solution</td>
<td></td>
</tr>
<tr>
<td>AHCSOL302A</td>
<td>CORE</td>
<td>Construct a soil profile</td>
<td>80</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Survey the construction site</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Prepare for construction work</td>
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<tr>
<td></td>
<td></td>
<td>Set out site for construction</td>
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<td></td>
<td></td>
<td>Excavate the construction site</td>
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<tr>
<td></td>
<td></td>
<td>Install soil profile</td>
<td></td>
</tr>
<tr>
<td>AHCIRG302A</td>
<td>Electives</td>
<td>Install irrigation systems</td>
<td>70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Organise resources for installation work</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Set out and prepare site</td>
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<tr>
<td></td>
<td></td>
<td>Install irrigation components</td>
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<td></td>
<td></td>
<td>Complete installation work</td>
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<tr>
<td></td>
<td></td>
<td>Commission irrigation system</td>
<td></td>
</tr>
<tr>
<td>ACHCMOM304A</td>
<td>Electives</td>
<td>Operate machinery and equipment</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prepare machinery and equipment for use</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Operate machinery and equipment</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Check and complete machinery and equipment operation</td>
<td></td>
</tr>
<tr>
<td>AHCTRF302A</td>
<td>Electives</td>
<td>Establish turf</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sample soil for testing</td>
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<tr>
<td></td>
<td></td>
<td>Plant turf</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Maintain newly established turf</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Report and repair areas of damaged turf</td>
<td></td>
</tr>
<tr>
<td>Unit code</td>
<td>Title</td>
<td>Elements</td>
<td></td>
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</tr>
<tr>
<td>AHC0HS301</td>
<td>Contributing to OHS processes</td>
<td>This unit covers the process of carrying out enterprise Occupational Health and Safety (OHS) policies and procedures and defines the standard required to: work in accordance with workplace procedures in hazard identification and risk control; carry out safe practices during work operations; participate in arrangements for maintaining the health and safety of all people in the workplace.</td>
<td></td>
</tr>
<tr>
<td>AHCPCM302</td>
<td>Provide information on plants and their culture</td>
<td>This unit covers the process of providing information to clients and others about plants and their cultural requirements and defines the standard required to: confirm client brief and request for information; consider the growing environment (soil, climate and aspect, pests and diseases, and weed competition); develop product knowledge through in-house and online sources; incorporate client aims and preferences into developing options for plantings; determine the optimal solution for the client needs; provide recommendations on plants, plantings and/or plant treatments, with supporting information to the client.</td>
<td></td>
</tr>
<tr>
<td>AHCLSC301</td>
<td>Set out site for construction works</td>
<td>This unit covers the process of setting out a site for construction works in accordance with site plans and specifications and defines the standard required to: interpret site plans and specifications; locate and mark out position of construction works; establish datum point and survey benchmarks on site; and take and verify site levels.</td>
<td></td>
</tr>
<tr>
<td>AHCLSC302</td>
<td>Construct landscape features using concrete</td>
<td>This unit covers the process of constructing concrete structures and features and defines the standard required to: interpret site plans and specifications; set out and prepare a site for reception of concrete, pour, set and finish concrete; check quality of work and clean up site.</td>
<td></td>
</tr>
<tr>
<td>AHCLSC303</td>
<td>Construct brick and/or block structures &amp; features</td>
<td>This unit covers the process of constructing brick and/or block structures and features and defines the standard required to: interpret site plans and specifications; set out and prepare a landscape construction site; construct landscape structures; check quality of work and clean up site.</td>
<td></td>
</tr>
<tr>
<td>AHCLSC305</td>
<td>Construct stone structures &amp; features</td>
<td>This unit covers the process of constructing stone structures and features as a component of landscape project works and defines the standard required to: interpret plans and specifications; prepare the site and install drainage systems; construct stone work with correct mortar ratio; set out base for paving.</td>
<td></td>
</tr>
<tr>
<td>AHCLSC306</td>
<td>Implement a paving project</td>
<td>This unit covers the process of implementing a paving project and defines the standard required to: determine project requirements from plans; conduct a site hazard identification and risk control assessment; organise work and use tools and equipment for paving project; set out and prepare paving site according to plan specifications; implement a paving project; and clean up, store and maintain associated tools, machinery and equipment.</td>
<td></td>
</tr>
<tr>
<td>AHCLSC307</td>
<td>Implement a retaining wall project</td>
<td>This unit covers the process of implementing a retaining wall project and defines the standard required to: set out and prepare site according to plan specifications; establish survey benchmarks; excavate and profile soil levels; install and assemble components of a retaining wall; use tools and equipment for retaining wall projects; verify completed works meet the design plan and specifications. This standard forms a part of the training and assessment necessary to obtain the industry license.</td>
<td></td>
</tr>
<tr>
<td>AHCBUS402</td>
<td>Cost a project</td>
<td>This unit covers costing a project and defines the standard required to: identify resources for a project; investigate options for material supplies, services, contractors and consultants; research prices for required resources; calculate costs for the project; document a summary of project costs.</td>
<td></td>
</tr>
<tr>
<td>AHCDRG301</td>
<td>Install drainage systems</td>
<td>This unit covers the process of installing surface and/or subsurface drainage systems and defines the standard required to: interpret site specifications and drainage system plans; prepare for installation activities; set out, survey, test and excavate the installation site; measure materials; set out drainage system works; install and test the drainage system; level and align earthworks.</td>
<td></td>
</tr>
<tr>
<td>Unit code</td>
<td>Title</td>
<td>Elements</td>
<td></td>
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<td>-----------------</td>
<td>--------------------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>AHCPGD301A</td>
<td>CORE Implement a plant establishment program</td>
<td>This unit covers the installation and consolidation of planted areas as part of a horticultural, agricultural or land management tree and shrub planting program and defines the standard required to: determine plant establishment methods and requirements from plans, clients quotations or instructions; interpret planting plans and specifications for a planting project; inspect quality of supplied plants and take appropriate action; conduct a site hazard identification and risk control assessment; undertake planting work, review the work and take remedial action where required.</td>
<td></td>
</tr>
<tr>
<td>AHCSOL302A</td>
<td>CORE Construct a soil profile</td>
<td>This unit covers the process of constructing soil profiles and defines the standard required to: determine construction requirements from plans; survey and create working plans for construction sites; excavate earthworks and establish working and finished levels; install drainage and sub-surface irrigation components; install sustainable soils and growing media; implement a construction project.</td>
<td></td>
</tr>
<tr>
<td>AHCTRIF302A</td>
<td>Group A Establish turf</td>
<td>This unit covers the process of establishing turf in sporting, public recreational open space, commercial and residential sites and defines the standard required to: determine turf establishment methods and requirements from plans, client’s quotations or instructions; organise work and use tools, equipment and machinery for a turf establishment project; implement successful turf establishment works; operate and store turf establishment machinery and equipment; report in writing on completion.</td>
<td></td>
</tr>
<tr>
<td>AHCIIRG302A</td>
<td>Group A Install irrigation systems</td>
<td>This unit covers the process of installing pressurised irrigation systems and defines the standard required to: organise resources for installation work; set out and prepare site; install irrigation components; complete installation work, and commission irrigation systems; and communicate with work team members, supervisors, contractors and consultants.</td>
<td></td>
</tr>
<tr>
<td>AHCMOM203A</td>
<td>Group A Operate basic machinery and equipment</td>
<td>This unit covers the process of operating and maintaining machinery and equipment and defines the standard required to: carry out pre-operational checks and maintenance; tag and report defects if necessary; secure attachments according to manufacturer’s directions; operate machinery in a safe and controlled manner; implement shut-down and storage procedures; record maintenance and operation details.</td>
<td></td>
</tr>
</tbody>
</table>
QUALIFICATION INFORMATION

AHC31010 Certificate III in Parks and Gardens
This qualification provides a vocational outcome in parks and gardens. The parks and gardens industry expects this qualification to be achieved to meet job outcomes at this level.

Job roles and titles vary across different industry sectors. Possible job titles relevant to this qualification include:
- Municipal/city gardener
- Horticulturist

Entry requirements
*There are no entry requirements for this qualification.* However, you will be required to complete a Language, Literacy and Numeracy Assessment before commencing in this qualification with Smart City Vocational College.

Eligibility criteria may apply if training is subsidised through government funded programs.

Learners wishing to undertake this program through a funded apprenticeship will be required to meet specific program entry requirements. Please contact your local campus to obtain information on these requirements.

Pathways into the qualification
This qualification may be accessed by direct entry.

Pathways from the qualification
Further training pathways from this qualification include, but are not limited to, Certificate IV in Parks and Gardens.

Mode of training delivery
The delivery mode describes the way training will be delivered to support and enable learning.

- Apprenticeship (QLD & ACT)  
  Face to Face  
  Work-based
- Fee for Service  
  Face to Face in a classroom environment with vocational placement or work-based
- Certificate 3 Guarantee Program (QLD only)  
  Face to Face in a classroom environment with vocational placement or work-based

*Please note* that for work-based delivery, entry is restricted to learners holding positions within organisations where it is agreed that the learner can gain access to information necessary for their training and assessment. Learners will also require access to the following:

- Students must be employed in the Parks and Gardens industry or undertake work experience.
- Access to the Internet, for research purposes.
• Workplace policies and procedures manual (or similar documentation), and other relevant resources as required for assistance in completing your assessment activities (where required).
• Personal Protective Equipment including: hi visibility long sleeve shirt, long pants, steel cap boots, and a sun protective hat.
• Workplace technology and other resources relevant to units outlined below, e.g. hand and power tools, mowers, brush cutters, chemical spraying equipment.

CERTIFICATE 3 GUARANTEE PROGRAM – INFORMATION
The Certificate 3 Guarantee Program provides a Government subsidy towards the training cost for eligible Participants undertaking an Australian Qualifications Framework certificate level III qualification. The objective of the program is the delivery and completion of certificate III qualifications which lead to job outcomes or career progression.

Under Certificate 3 Guarantee, lower level vocational qualifications are also subsidised in certain circumstances, based on an individual’s learning, skilling or support needs, to achieve an employment outcome for students.

Please take the time to consider if this qualification and industry is right for you or your clients.

Timeframe
Dependent on the mode of delivery and/or program type, the timeframe for this qualification will vary.

Apprenticeship (QLD & ACT) 36 months full time
72 months part time

Fee for Service 12 – 36 months

Certificate 3 Guarantee Program (QLD only) 12 months

Although the above timeframes may differ, the required Volume of Learning shall be met.

VOCATIONAL PLACEMENT
To be assessed as competent in this qualification, you are required to undertake a minimum of 150 hours of mandatory vocational placement in a horticulture based organisation. The vocational placement:
• must be organised by the learner in consultation with Smart City Vocational College
• provides learners with industry experience but is not remunerated
• is directly related to the specific units of competency/skill requirements of a qualification/course as nominated by Smart City Vocational College
• is an assessable part of a learner’s qualification where a learner is placed in a workplace to receive practical training and experience
• needs to be successfully completed before a qualification or statement of attainment can be issued
Vocational placement must be organised as soon as possible after the commencement of the qualification to ensure timely contact and approval by the host and Smart City Vocational College.

The object of a vocational placement is to provide a learner with the opportunity to undertake practical training and to gain the experience required to enable them to demonstrate competency against the outcomes of a nationally recognised qualification/course.

A vocational placement is generally an appropriate option for learners who would not otherwise have sufficient access to the facilities, equipment and range of work necessary to develop and consolidate their skills to the level required of the qualification/course, for example, learners not employed in the vocational area in which they are studying.

Learners are appropriately covered by Smart City Vocational College insurances whilst undertaking their vocational placement hours.

**Cost**

Below is an overview of costs for this qualification:

- **Apprenticeship – Student Contribution Fees (QLD)**
  
  $1.60 per nominal hour

  *Concessions apply to applicable learners (refer to Learner Handbook)*

- **Apprenticeship - Student Contribution Fee (ACT)**

  Apprentice $350.00 for the first 12 month period and up to $600.00 to be charged for each subsequent 12 month period

  *Concessions apply to applicable learners (refer to Learner Handbook)*

- **Fee for service**

  Contact the College for a quote

- **Certificate 3 Guarantee Program (Co-Contribution Fee)**

  **Existing worker** (within a current workplace)

  - $50.00 non-concessional ($3.12 per unit)
  - $25.00 concessional ($1.56 per unit)

A co-contribution fee is payable for the Certificate 3 Guarantee Program. This co-contribution fee is the contribution to the cost of training and assessment services and is payable by students. The fee may be paid on behalf of the student by a third party, but cannot be waived.

Fees must be paid in full prior to the commencement of the course. The fees will be charged by Smart City Vocational College at a per unit rate. The co-contribution fee can change depending on the delivery method and location.

The co-contribution fee for this qualification delivered at a Smart City Vocational College campus is:

- Non-concessional students $50.00 ($3.12 per unit) includes learner’s whose fees are being paid by their Employer or other party)
- Concessional students $25.00 ($1.56 per unit).

Fee exemptions and concessions apply to eligible learners.
A refund for the co-contributions is available if a student applies in writing prior to the commencement of the course or if the course is cancelled by the college.

A minimum of 10 students is required before a class will commence.

**LICENSING, LEGISLATIVE, REGULATORY OR CERTIFICATION CONSIDERATIONS**

Not Applicable

There is no direct link between this qualification and licensing, legislative and/or regulatory requirements. However, where required, a unit of competency will specify relevant licensing, legislative and/or regulatory requirements that impact on the unit.

**RANGE OF ASSESSMENTS**

- Methods of assessment to cover a range of evidence gathering, for example, written questions and answers, observation, verbal questioning, supplementary evidence including, evidence portfolio, referee report, photographic evidence, workbook activities, log book
- Assessment can be modified where necessary.
- Recognition of your current skills and or past experience/qualifications (RCC/RPL).

Please discuss your learning needs with us. Whilst the Elements/Performance Criteria are required to be at a consistent standard, there is scope to modify either delivery of training (reasonable adjustment) or how your competencies are assessed to ensure that you succeed with your chosen area of training.

*When submitting assessment items, please ensure you have followed the guidelines as outlined in the assessment booklet, for example typing/writing your name, unit of competency code, and page number on all documents etc.*

**CREDIT TRANSFER/NATIONAL RECOGNITION**

Credit transfer is where you may have completed Units or a course with another Registered Training Organisation and it is relevant and/or able to be used for your current and anticipated study. Please note that Smart City Vocational College is committed to applying Credit Transfer to Qualifications/Units completed at other training organisations. Please ensure you mention this to your trainer on/before enrolment.

**COMPLAINTS/APPEALS**

Smart City Vocational College seeks to prevent complaints and/or appeals by ensuring Learners are satisfied with their training product and its outcomes. Trainers/Assessors will be fair, courteous and helpful in all dealings with Learners.

Any complaint about any assessment will be treated seriously, investigated thoroughly and dealt with according to the merit of the complaint. Appeals must be made within 21 days of receipt of assessment outcome. Please refer to Learner Handbook for further information.
CAMPUSES/STUDY HUBS
Smart City Vocational College’s extensive network of campuses and StudyHubs across Australia allow you to have face-to-face time with a qualified SmartCity trainer, undertake study or an assignment or just escape the daily grind.

SmartCity’s campuses and StudyHubs are designed and purpose built to help you achieve something great. They all feature the latest technology and a friendly, comfortable and inviting atmosphere. Many also feature barista machines and a kids play area as well. The technology within the campuses and StudyHubs are available to you for study purposes, e.g. computers, printer, photocopier, wifi. Feel free to use our tea and coffee facilities and chill out in the lounge area.

You can call us to arrange an appointment to meet with a trainer or simply pop in anytime during trading hours and have a chat with a Student Support Officer or Campus Manager.

SUPPORT SERVICES
If you feel that you may require personal assistance and/or support please talk to our staff. If we are unable to assist, we will put you in touch with a service that may be able to help you. We have a range of contacts with people who are skilled in dealing with difficult situations. If you feel more comfortable speaking with a female/male staff member or a person of same cultural background, please do not hesitate to ask. Any matters relating to Welfare/Guidance Services will be kept in strictest confidence – we respect your privacy on these issues.

Learners have access to learning support with Smart City Vocational College Trainers/Staff/Indigenous Student Support Officers, 5 days per week between the hours of 8.30am and 4.30pm via face-to-face, telephone, email, fax, Skype, Lync or where appropriate in person. Please note that where a Learner makes contact via email, a staff member from Smart City Vocational College will endeavour to respond within 48-72 hours.

LEARNER’S ROLE
As an enrolled Learner of Smart City Vocational College, you will need to be able to:
- Study independently
- Commit a suitable amount of time to your study and actively work to complete enrolled units
- Submit assessments by the due date
- Balance your work, personal life and study priorities throughout the training

Further information about your roles and responsibility as a Learner are listed in the Learner Handbook as available on the Smart City website and provided on enrolment.

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- Visit the website: [www.usi.gov.au](http://www.usi.gov.au)
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**EMPLOYABILITY SKILLS SUMMARY**

AHC31010 Certificate III in Parks and Gardens - The following table contains a summary of the Employability Skills required by industry for this qualification. The Employability Skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

<table>
<thead>
<tr>
<th>Employability Skill</th>
<th>Industry requirements for this qualification include</th>
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| **Communication**        | Listening and understanding  
                          Speaking clearly and directly  
                          Reading and interpreting workplace related documentation  
                          Interpreting the needs of internal/external customers  
                          Applying numeracy skills to workplace requirements                                                             |
| **Teamwork**             | Working as an individual and a team member  
                          Working with diverse individuals and groups  
                          Applying knowledge of own role as a part of a team                                                              |
| **Problem solving**      | Developing practical and creative solutions to workplace problems  
                          Showing interdependence and initiative in identifying problems  
                          Solving problems individually or in teams                                                                          |
| **Initiative and enterprise** | Adapting to new situations                                                                                              |
| **Planning and organising** | Collecting analysing and organising information  
                          Taking initiative and making decisions within workplace role  
                          Managing time and priorities                                                                                     |
| **Self-management**      | Taking responsibility at the appropriate level                                                                          |
| **Learning**             | Participating in ongoing learning  
                          Learning new skills and techniques                                                                                   |
| **Technology**           | Using technology and related workplace equipment  
                          Using basic technology skills  
                          Applying OHS knowledge when using technology                                                                          |
UNIT LIST:
16 units of competency are required to complete this qualification.
10 core unit plus 6 elective units; the 6 elective units are listed below.

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Title</th>
<th>Elements</th>
<th>Nominal Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHCOSHS301A</td>
<td>Contribute to OHS processes</td>
<td>Adapt OHS policies and procedures&lt;br&gt;Assist in workplace hazard identification and risk control&lt;br&gt;Observe safe practices during work operations&lt;br&gt;Participate in arrangements for maintaining health and safety of all people in the workplace</td>
<td>50</td>
</tr>
<tr>
<td>AHCPCMG301A</td>
<td>Control weeds</td>
<td>Assess weed infestation&lt;br&gt;Plan control measures&lt;br&gt;Implement control measures&lt;br&gt;Monitor control measures</td>
<td>70</td>
</tr>
<tr>
<td>AHCPCMG302A</td>
<td>Control plant pests diseases and disorders</td>
<td>Assess pests and disease infestation&lt;br&gt;Plan the implementation of control measures&lt;br&gt;Implement control measures&lt;br&gt;Monitor control methods</td>
<td>80</td>
</tr>
<tr>
<td>AHCPCGD305A</td>
<td>Conduct operational inspection of park facilities</td>
<td>Prepare for operational inspection&lt;br&gt;Undertake operational inspection&lt;br&gt;Finalise the park inspection</td>
<td>70</td>
</tr>
<tr>
<td>AHCWPK313A</td>
<td>Implement and monitor environmentally sustainable work practices</td>
<td>Investigate current practices in relation to resource usage&lt;br&gt;Set targets for improvements&lt;br&gt;Implement performance improvement strategies&lt;br&gt;Monitor performance</td>
<td>50</td>
</tr>
<tr>
<td>AHCPCM301A</td>
<td>Implement a plant nutrition program</td>
<td>Prepare for implementation of the plant nutrition program&lt;br&gt;Monitor soil pH&lt;br&gt;Determine nutritional problems in plants&lt;br&gt;Prepare to use fertilisers&lt;br&gt;Prepare application equipment&lt;br&gt;Apply specific products at appropriate rates</td>
<td>60</td>
</tr>
<tr>
<td>AHCSOL301A</td>
<td>Prepare growing media</td>
<td>Confirm specifications of growing media&lt;br&gt;Prepare and store growing media</td>
<td>40</td>
</tr>
<tr>
<td>AHCSOL302A</td>
<td>Construct a soil profile</td>
<td>Survey the construction site&lt;br&gt;Prepare for construction work&lt;br&gt;Set out site for construction&lt;br&gt;Excavate the construction site&lt;br&gt;Install soil profile</td>
<td>80</td>
</tr>
<tr>
<td>AHCARB302A</td>
<td>Conduct tree inspections</td>
<td>Prepare tree inspection requirements&lt;br&gt;Inspect the tree&lt;br&gt;Record findings and advise client</td>
<td>80</td>
</tr>
<tr>
<td>AHCTR302A</td>
<td>Establish turf</td>
<td>Sample soil for testing&lt;br&gt;Plant turf&lt;br&gt;Maintain newly established turf&lt;br&gt;Report and repair areas of damaged turf</td>
<td>60</td>
</tr>
<tr>
<td>Unit code</td>
<td>Title</td>
<td>Elements</td>
<td>Nominal Hours</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------------------------------</td>
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<td>---------------</td>
</tr>
</tbody>
</table>
| AHCCHM303A   | Prepare and apply chemicals                     | Determine the need for chemical use  
Prepare application/spray plan  
Prepare chemical mixes  
Calibrate application equipment  
Apply chemicals  
Clean up equipment and complete records | 70            |
| AHCCHM304A   | Transport, handle and store chemicals           | Transport and handle chemicals and biological agents  
Store chemicals in the workplace  
Record storage details | 50            |
| AHCPGD301A   | Implement a plant establishment program         | Prepare to establish a planted area  
Prepare the planting area  
Undertake planting operation  
Review the plant establishment works  
Complete establishment works | 80            |
| AHCMMOM304A  | Operate machinery and equipment                 | Prepare machinery and equipment for use  
Operate machinery and equipment  
Check and complete machinery and equipment operation | 40            |
| AHCIRG302A   | Install irrigation systems                      | Organise resources for installation work  
Set out and prepare site  
Install irrigation components  
Complete installation work  
Commission irrigation system | 70            |
| AHCPCM303A   | Identify plant specimens                        | Observe the plant specimen  
Inspect plant morphological features  
Determine status of health  
Identify the specimen  
Report on the process results | 80            |
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<tr>
<td>AHCWOS301A</td>
<td>Contribute to OHS processes</td>
<td>This unit covers the process of carrying out enterprise Occupational Health and Safety (OHS) policies and procedures and defines the standard required to: work in accordance with workplace procedures in hazard identification and risk control; carry out safe practices during work operations; participate in arrangements for maintaining the health and safety of all people in the workplace.</td>
</tr>
<tr>
<td>AHCPW313A</td>
<td>Implement and monitor environmentally sustainable work practices</td>
<td>This unit covers the performance outcomes, skills and knowledge required to effectively analyse the workplace in relation to environmentally sustainable work practices and to implement improvements and monitor their effectiveness. This unit requires the ability to access industry information, applicable legislative and Occupational Health and Safety (OHS) guidelines.</td>
</tr>
<tr>
<td>AHCPG301A</td>
<td>Control weeds</td>
<td>This unit covers the control of weeds and defines the standard required to: identify a range of weeds and beneficial organisms; plan and coordinate weed control activities; prepare and calibrate equipment; conduct a site hazard identification and risk control assessment for weed control; apply a range of weed control methods and maintain records; monitor, record and report the effectiveness of controls</td>
</tr>
<tr>
<td>AHCPG302A</td>
<td>Control plant pests diseases and disorders</td>
<td>This unit covers the process of maintaining biological control agents for weed control prior to release in an experimental or field situation and defines the standard required to: prepare and propagate bioagent media; obtain bioagent cultures; maintain and monitor cultures; harvest and store cultures.</td>
</tr>
<tr>
<td>AHCPM301A</td>
<td>Implement a plant nutrition program</td>
<td>This unit covers the process of implementing a plant nutrition program in the horticultural or agricultural industry and defines the standard required to: recognise a range of common causes of nutrient deficiency; prepare fertilizers and other products for application to plants; apply fertilizers and other products; clean up and maintain tools and equipment; record work activities according to enterprise guidelines</td>
</tr>
<tr>
<td>AHCTF302A</td>
<td>Establish turf</td>
<td>This unit covers the process of establishing turf in sporting, public recreational open space, commercial and residential sites and defines the standard required to: determine turf establishment methods and requirements from plans, client's quotations or instructions; organise work and use tools, equipment and machinery for a turf establishment project; implement successful turf establishment works; operate and store turf establishment machinery and equipment; report in writing on completion</td>
</tr>
<tr>
<td>AHCPD305A</td>
<td>Conduct operational inspection of park facilities</td>
<td>This unit covers the process of inspecting park/recreational facilities to identify hazards, existing and/or potential risks, and non-conformities with Australian Standards and Occupational Health and Safety (OHS) requirements and defines the standard required to: confirm with client the facilities to be inspected, standards to be referenced and reporting formats; conduct inspections and record details of non-conformities; note signs of potential damage or issues that may arise and require follow-up; evaluate condition of facilities; communicate directly any issues requiring urgent action; and complete inspection reports.</td>
</tr>
<tr>
<td>AHCSL301A</td>
<td>Prepare growing media</td>
<td>This unit covers the process of determining the requirements of a growing media for various plants and preparing and storing the media in accordance with the production specifications and defines the standard required to: confirm specifications of growing media; prepare growing media; store growing media.</td>
</tr>
<tr>
<td>AHCSL302A</td>
<td>Construct a soil profile</td>
<td>This unit covers the process of constructing soil profiles and defines the standard required to: determine construction requirements from plans; survey and create working plans for construction sites; excavate earthworks and establish working and finished levels; install drainage and sub-surface irrigation components; install sustainable soils and growing media; implement a construction project</td>
</tr>
<tr>
<td>Unit code</td>
<td>Title</td>
<td>Electives</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>AHCPCM302A</td>
<td>Provide information on plants and their culture</td>
<td>This unit covers the process of providing information to clients and others about plants and their cultural requirements and defines the standard required to: confirm client brief and request for information; consider the growing environment (soil, climate and aspect, pests and diseases, and weed competition); develop product knowledge through in-house and online sources; incorporate client aims and preferences into developing options for plantings; determine the optimal solution for the client needs; provide recommendations on plants, plantings and/or plant treatments, with supporting information to the client.</td>
</tr>
<tr>
<td>AHCPCM303A</td>
<td>Identify plant specimens</td>
<td>This unit covers the process of identifying an unknown plant specimen and defines the standard required to: capture relevant morphological features of a plant, record qualitative and quantitative data; use comparative techniques to define progress towards identification; use indications of health, environmental influences and location to assist identification; construct a plant database; document a report of the identification process; name unknown plant specimens</td>
</tr>
<tr>
<td>AHCMOM304A</td>
<td>Operate machinery and equipment</td>
<td>This unit covers the process of maintaining and operating machinery and equipment and defines the standard required to: carry out pre-operational checks and maintenance and report defects if necessary; secure attachments according to manufacturer’s directions; operate machinery in a safe and controlled manner; follow procedures to minimise environmental impacts; implement shut-down procedures and store machinery and equipment; record maintenance and operation details</td>
</tr>
<tr>
<td>AHCPGD301A</td>
<td>Implement a plant establishment program</td>
<td>This unit covers the installation and consolidation of planted areas as part of a horticultural, agricultural or land management tree and shrub planting program and defines the standard required to: determine plant establishment methods and requirements from plans, clients quotations or instructions; interpret planting plans and specifications for a planting project; inspect quality of supplied plants and take appropriate action; conduct a site hazard identification and risk control assessment; undertake planting work, review the work and take remedial action where required</td>
</tr>
<tr>
<td>AHCCHM303A</td>
<td>Prepare and apply chemicals</td>
<td>This unit covers the process of preparing and applying chemicals and defines the standard required to: assess the need for chemical use: comply with safety, chemical label and MSDS requirements; prepare an application/spray plan; prepare and apply chemicals; calibrate application equipment and maintain chemical records</td>
</tr>
<tr>
<td>AHCCHM304A</td>
<td>Transport, handle and store chemicals</td>
<td>This unit covers the process of transporting, handling and storing chemicals safely and identifies the standard required to: correctly maintain and use personal protective equipment (PPE) according to label; follow emergency procedures for chemical spillage; follow legislative requirements for the safe transport of chemicals; and maintain storage area and chemical manifest</td>
</tr>
</tbody>
</table>

This document is uncontrolled when printed.
QUALIFICATION INFORMATION

AHC31110 Certificate III in Production Nursery
This qualification provides a general vocational outcome for a nurseryperson working in a production nursery. The nursery industry expects this qualification to be achieved to meet job outcomes at this level.

Job roles and titles vary across different industry sectors. Possible job titles relevant to this qualification include:
• Nursery worker

Entry requirements
*There are no entry requirements for this qualification.* However, you will be required to complete a Language, Literacy and Numeracy Assessment before commencing in this qualification with Smart City Vocational College.

Eligibility criteria may apply if training is subsidised through government funded programs.

Learners wishing to undertake this program through a funded apprenticeship will be required to meet specific program entry requirements. Please contact your local campus to obtain information on these requirements.

Pathways into the qualification
This qualification may be accessed by direct entry.

Pathways from the qualification
Further training pathways from this qualification include, but are not limited to, Certificate IV in Production Nursery or Certificate IV in Retail Nursery.

Mode of training delivery
The delivery mode describes the way training will be delivered to support and enable learning.

Apprenticeship (QLD & ACT)  
**Face to Face  Work-based**

Fee for Service  
**Face to Face in a classroom environment with Vocational Placement or Work-based**

Certificate 3 Guarantee Program (QLD only)  
**Face to Face in a classroom environment with Vocational Placement or Work-based**

*Please note* that for work-based delivery, entry is restricted to learners holding positions within organisations where it is agreed that the learner can gain access to information necessary for their training and assessment. Learners will also require access to the following:

- Learners must be employed in the Production Nursery industry
- Access to the Internet, for research purposes
• Workplace policies and procedures manual (or similar documentation), and other relevant resources as required for assistance in completing your assessment activities (where required).
• Personal Protective Equipment including; hi visibility long sleeve shirt, long pants, steel cap boots, and a sun protective hat.
• Workplace technology and other resources relevant to units outlined below, e.g. hand and power tools, mowers, brush cutters, chemical spraying equipment.

CERTIFICATE 3 GUARANTEE PROGRAM – INFORMATION
The Certificate 3 Guarantee Program provides a Government subsidy towards the training cost for eligible Participants undertaking an Australian Qualifications Framework certificate level III qualification. The objective of the program is the delivery and completion of certificate III qualifications which lead to job outcomes or career progression.

Under Certificate 3 Guarantee, lower level vocational qualifications are also subsidised in certain circumstances, based on an individual’s learning, skilling or support needs, to achieve an employment outcome for students.

Please take the time to consider if this qualification and industry is right for you or your clients.

Timeframe
Dependent on the mode of delivery and/or program type, the timeframe for this qualification will vary.

Apprenticeship (QLD & ACT) 36 months full time
72 months part time
Fee for Service 12 – 36 months
Certificate 3 Guarantee Program (QLD only) 12 months

Although the above timeframes may differ, the required Volume of Learning shall be met.

VOCATIONAL PLACEMENT
To be assessed as competent in this qualification, you are required to undertake a minimum of 150 hours of mandatory vocational placement in a horticulture based organisation. The vocational placement:
• must be organised by the learner in consultation with Smart City Vocational College
• provides learners with industry experience but is not remunerated
• is directly related to the specific units of competency/skill requirements of a qualification/course as nominated by Smart City Vocational College
• is an assessable part of a learner’s qualification where a learner is placed in a workplace to receive practical training and experience
• needs to be successfully completed before a qualification or statement of attainment can be issued
Vocational placement must be organised as soon as possible after the commencement of the qualification to ensure timely contact and approval by the host and Smart City Vocational College.

The object of a vocational placement is to provide a learner with the opportunity to undertake practical training and to gain the experience required to enable them to demonstrate competency against the outcomes of a nationally recognised qualification/course.

A vocational placement is generally an appropriate option for learners who would not otherwise have sufficient access to the facilities, equipment and range of work necessary to develop and consolidate their skills to the level required of the qualification/course, for example, learners not employed in the vocational area in which they are studying.

Learners are appropriately covered by Smart City Vocational College insurances whilst undertaking their vocational placement hours.

Cost
Below is an overview of costs for this qualification:

- **Apprenticeship – Student Contribution Fees (QLD)**
  - *Concessions apply to applicable learners (refer to Learner Handbook)*
  - $1.60 per nominal hour

- **Apprenticeship - Student Contribution Fee (ACT)**
  - *Concessions apply to applicable learners (refer to Learner Handbook)*
  - Apprentice $350.00 for the first 12 month period and up to $600.00 to be charged for each subsequent 12 month period

- **Fee for service**
  - Contact the College for a quote

- **Certificate 3 Guarantee Program (Co-Contribution Fee)**
  - **Existing worker** (within a current workplace)
    - $50.00 non-concessional ($3.12 per unit)
    - $25.00 concessional ($1.56 per unit)

A co-contribution fee is payable for the Certificate 3 Guarantee Program. This co-contribution fee is the contribution to the cost of training and assessment services and is payable by students. The fee may be paid on behalf of the student by a third party, but cannot be waived.

Fees must be paid in full prior to the commencement of the course. The fees will be charged by Smart City Vocational College at a per unit rate. The co-contribution fee can change depending on the delivery method and location.

The co-contribution fee for this qualification delivered at a Smart City Vocational College campus is:

- Non-concessional students $50.00 ($3.12 per unit) includes learner’s whose fees are being paid by their Employer or other party
- Concessional students $25.00 ($1.56 per unit).
Fee exemptions and concessions apply to eligible learners.

A refund for the co-contributions is available if a student applies in writing prior to the commencement of the course or if the course is cancelled by the college.

**LICENSE, LEGISLATIVE, REGULATORY OR CERTIFICATION CONSIDERATIONS**
Not Applicable
There is no direct link between this qualification and licensing, legislative and/or regulatory requirements. However, where required, a unit of competency will specify relevant licensing, legislative and/or regulatory requirements that impact on the unit.

**RANGE OF ASSESSMENTS**
- Methods of assessment to cover a range of evidence gathering, for example, written questions and answers, observation, verbal questioning, supplementary evidence including, evidence portfolio, referee report, photographic evidence, workbook activities, log book
- Assessment can be modified where necessary.
- Recognition of your current skills and or past experience/qualifications (RCC/RPL).

Please discuss your learning needs with us. Whilst the Elements/Performance Criteria are required to be at a consistent standard, there is scope to modify either delivery of training (reasonable adjustment) or how your competencies are assessed to ensure that you succeed with your chosen area of training.

*When submitting assessment items, please ensure you have followed the guidelines as outlined in the assessment booklet, for example typing/writing your name, unit of competency code, and page number on all documents etc.*

**CREDIT TRANSFER/NATIONAL RECOGNITION**
Credit transfer is where you may have completed Units or a course with another Registered Training Organisation and it is relevant and/or able to be used for your current and anticipated study. Please note that Smart City Vocational College is committed to applying Credit Transfer to Qualifications/Units completed at other training organisations. Please ensure you mention this to your trainer on/before enrolment.

**COMPLAINTS/APPEALS**
Smart City Vocational College seeks to prevent complaints and/or appeals by ensuring Learners are satisfied with their training product and its outcomes. Trainers/Assessors will be fair, courteous and helpful in all dealings with Learners.
Any complaint about any assessment will be treated seriously, investigated thoroughly and dealt with according to the merit of the complaint. Appeals must be made within 21 days of receipt of assessment outcome. Please refer to Learner Handbook for further information.
CAMPUSES/STUDY HUBS
Smart City Vocational College’s extensive network of campuses and StudyHubs across Australia allow you to have face-to-face time with a qualified SmartCity trainer, undertake study or an assignment or just escape the daily grind.

SmartCity’s campuses and StudyHubs are designed and purpose built to help you achieve something great. They all feature the latest technology and a friendly, comfortable and inviting atmosphere. Many also feature barista machines and a kids play area as well. The technology within the campuses and StudyHubs are available to you for study purposes, e.g. computers, printer, photocopier, wifi. Feel free to use our tea and coffee facilities and chill out in the lounge area. You can call us to arrange an appointment to meet with a trainer or simply pop in anytime during trading hours and have a chat with a Student Support Officer or Campus Manager.

SUPPORT SERVICES
If you feel that you may require personal assistance and/or support please talk to our staff. If we are unable to assist, we will put you in touch with a service that may be able to help you. We have a range of contacts with people who are skilled in dealing with difficult situations. If you feel more comfortable speaking with a female/male staff member or a person of same cultural background, please do not hesitate to ask. Any matters relating to Welfare/Guidance Services will be kept in strictest confidence – we respect your privacy on these issues.

Learners have access to learning support with Smart City Vocational College Trainers/Staff/Indigenous Student Support Officers, 5 days per week between the hours of 8.30am and 4.30pm via face-to-face, telephone, email, fax, Skype, Lync or where appropriate in person. Please note that where a Learner makes contact via email, a staff member from Smart City Vocational College will endeavour to respond within 48-72 hours.

LEARNER’S ROLE
As an enrolled Learner of Smart City Vocational College, you will need to be able to:
- Study independently
- Commit a suitable amount of time to your study and actively work to complete enrolled units
- Submit assessments by the due date
- Balance your work, personal life and study priorities throughout the training

Further information about your roles and responsibility as a Learner are listed in the Learner Handbook as available on the Smart City website and provided on enrolment.

USI (UNIQUE STUDENT IDENTIFIER)
All Learners who will be completing or commencing nationally recognised training with Smart City Vocational College (campus, distance or blended) will need to have a Unique Student Identifier (USI). This is a requirement of the Australian Government - Department of Industry.

A USI account will contain all your nationally recognised training records and results from 1st January 2015 onwards. Your USI will help keep your training records and results together in an online account.
controlled by you. Each time you enrol to study at a new training organisation, your USI will be used to store your training records and results.

**APPLY FOR YOUR OWN USI**

It is free and easy for you to create your own USI online. Visit the USI website at [usi.gov.au](http://usi.gov.au) and select the ‘Create a USI’ link and follow the steps.

**ONCE YOU CREATE YOUR USI**

Once you create your USI you will need to notify Smart City of your USI number and any other training organisation you study with so your training outcomes can be linked. You will be able to:

- View and update your details in your USI account;
- Give your training organisation permission to view and/or update your USI account;
- Give your training organisation view access to your transcript;
- Control access to your transcript from 2015; and
- View online and download your training records and results in the form of a transcript which will help you with job applications and enrolment in further training.

For more information you can:

- Watch the short information video from the Australian Government at [https://www.youtube.com/watch?v=HRYaaF-B7Ho](https://www.youtube.com/watch?v=HRYaaF-B7Ho) (or search Unique Student Identifier (USI) – Student Video on YouTube).
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<td></td>
<td>Working with diverse individuals and groups</td>
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<tr>
<td></td>
<td>Applying knowledge of own role as a part of a team</td>
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<td><strong>Problem solving</strong></td>
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<td>APPRENTICESHIP /FEE FOR SERVICE</td>
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<tr>
<td>AHC05820</td>
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<tr>
<td>AHC05920</td>
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<td></td>
<td></td>
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<tr>
<td>AHC05930</td>
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<td></td>
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</tr>
<tr>
<td>AHC05940</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### AHC05820
**Title:** Contribute to OHS processes
- Adapt OHS policies and procedures
- Assist in workplace hazard identification and risk control
- Observe safe practices during work operations
- Participate in arrangements for maintaining health and safety of all people in the workplace
- Nominal Hours: 50

### AHC05920
**Title:** Control weeds
- Assess weed infestation
- Plan control measures
- Implement control measures
- Monitor control measures
- Nominal Hours: 70

### AHC05930
**Title:** Control plant pests, diseases and disorders
- Assess pests and disease infestation
- Plan the implementation of control measures
- Implement control measures
- Monitor control methods
- Nominal Hours: 80

### AHC05940
**Title:** Implement a plant nutrition program
- Prepare for implementation of the plant nutrition program
- Monitor soil pH
- Determine nutritional problems in plants
- Prepare to use fertilisers
- Prepare application equipment
- Apply specific products at appropriate rates
- Nominal Hours: 60

### AHC05950
**Title:** Prepare growing media
- Confirm specifications of growing media
- Prepare and store growing media
- Nominal Hours: 40

### AHC05960
**Title:** Prepare and apply chemicals
- Determine the need for chemical use
- Prepare application/spray plan
- Prepare chemical mixes
- Calibrate application equipment
- Apply chemicals
- Clean up equipment and complete records
- Nominal Hours: 70

### AHC05970
**Title:** Transport, handle and store chemicals
- Transport and handle chemicals and biological agents
- Store chemicals in the workplace
- Record storage details
- Nominal Hours: 50

### AHC05980
**Title:** Provide information on plants and their culture
- Identify the issue
- Decide on preferred solution
- Provide the preferred solution
- Nominal Hours: 70

### AHC05990
**Title:** Work effectively in an emergency disease or plant pest response
- Obtain and use information about the emergency disease or plant pest and an appropriate response
- Work according to organisational requirements
- Manage own work
- Comply with biosecurity requirements
- Adapt to change as required
- Nominal Hours: 50
<table>
<thead>
<tr>
<th>Unit code</th>
<th>Title</th>
<th>Elements</th>
<th>Nominal Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHCIRG306A</td>
<td>Troubleshoot irrigation systems</td>
<td>Locate and identify faulty components and blockages</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shut down/isolate component</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Replace faulty components and clear blockages</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Return system to normal operating status</td>
<td></td>
</tr>
<tr>
<td>AHCIRG306A</td>
<td>Sample soils and interpret results</td>
<td>Prepare for soil sampling</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Determine soil characteristics by performing soil sampling</td>
<td></td>
</tr>
<tr>
<td>AHCIRG306A</td>
<td>Maintain nursery plants</td>
<td>Monitor and maintain the nursery environment</td>
<td>40</td>
</tr>
<tr>
<td>AHCIRG306A</td>
<td>Receive and dispatch nursery products</td>
<td>Select product for an order</td>
<td>40</td>
</tr>
<tr>
<td>AHCIRG306A</td>
<td>Install irrigation systems</td>
<td>Organise resources for installation work</td>
<td>70</td>
</tr>
<tr>
<td>AHCIRG306A</td>
<td>Install and maintain plan displays</td>
<td>Assess requirements for plantscaping</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Install containerised and direct planted specimens</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maintain plants</td>
<td></td>
</tr>
</tbody>
</table>
## CERTIFICATE 3 GUARANTEE PROGRAM

**QLD only**

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Title</th>
<th>Elements</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHCOSH301A</td>
<td>Contribute to OHS processes</td>
<td>This unit covers the process of carrying out enterprise Occupational Health and Safety (OHS) policies and procedures and defines the standard required to: work in accordance with workplace procedures in hazard identification and risk control; carry out safe practices during work operations; participate in arrangements for maintaining the health and safety of all people in the workplace.</td>
</tr>
<tr>
<td>AHCPMG301A</td>
<td>Control weeds</td>
<td>This unit covers the control of weeds and defines the standard required to: identify a range of weeds and beneficial organisms; plan and coordinate weed control activities; prepare and calibrate equipment; conduct a site hazard identification and risk control assessment for weed control; apply a range of weed control methods and maintain records; monitor, record and report the effectiveness of controls.</td>
</tr>
<tr>
<td>AHCPMG302A</td>
<td>Control plant pests diseases and disorders</td>
<td>This unit covers the process of controlling plant pests, diseases and disorders taking into consideration Integrated Pest Management (IPM) options and defines the standard required to: identify a range of pests, diseases and disorders, and beneficial organisms; assess damage or threat to plants; select pest and disease controls and timing of operations; prepare and calibrate equipment; apply a range of pest and disease control methods and keep records; monitor the effectiveness of controls.</td>
</tr>
<tr>
<td>AHCPCM301A</td>
<td>Implement a plant nutrition program</td>
<td>This unit covers the process of implementing a plant nutrition program in the horticultural or agricultural industry and defines the standard required to: recognise a range of common causes of nutrient deficiency; prepare fertilizers and other products for application to plants; apply fertilizers and other products; clean up and maintain tools and equipment; record work activities according to enterprise guidelines.</td>
</tr>
<tr>
<td>AHCSOL301A</td>
<td>Prepare growing media</td>
<td>This unit covers the process of determining the requirements of a growing media for various plants and preparing and storing the media in accordance with the production specifications and defines the standard required to: confirm specifications of growing media; prepare growing media; store growing media.</td>
</tr>
<tr>
<td>AHCCHM303A</td>
<td>Prepare and apply chemicals</td>
<td>This unit covers the process of preparing and applying chemicals and defines the standard required to: assess the need for chemical use: comply with safety, chemical label and MSDS requirements; prepare an application/spray plan; prepare and apply chemicals; calibrate application equipment and maintain chemical records.</td>
</tr>
<tr>
<td>AHCCHM304A</td>
<td>Transport, handle and store chemicals</td>
<td>This unit covers the process of transporting, handling and storing chemicals safely and identifies the standard required to: correctly maintain and use personal protective equipment (PPE) according to label; follow emergency procedures for chemical spillage; follow legislative requirements for the safe transport of chemicals; and maintain storage area and chemical manifest.</td>
</tr>
<tr>
<td>AHCPCM302A</td>
<td>Provide information on plants and their culture</td>
<td>This unit covers the process of providing information to clients and others about plants and their cultural requirements and defines the standard required to: confirm client brief and request for information; consider the growing environment (soil, climate and aspect, pests and diseases, and weed competition); develop product knowledge through in-house and online sources; incorporate client aims and preferences into developing options for plantings; determine the optimal solution for the client needs; provide recommendations on plants, plantings and/or plant treatments, with supporting information to the client.</td>
</tr>
<tr>
<td>AHCBI0301A</td>
<td>Work effectively in an emergency disease or plant pest response</td>
<td>This unit specifies the outcomes required to work effectively within own area of responsibility in a response to an emergency disease or plant pest incursion.</td>
</tr>
<tr>
<td>AHCIRG306A</td>
<td>Troubleshoot irrigation systems</td>
<td>This unit covers the process of troubleshooting faults and blockages in irrigation systems and defines the standard required to: read and apply system specifications, technical manuals and supply/spare parts inventories; locate and identify faulty components and blockages; apply shutdown sequence and isolation procedures; remove faulty components from the system and install replacements; clear blockages or replace blocked sections; and return isolated or shutdown components to service.</td>
</tr>
<tr>
<td>Unit code</td>
<td>Title</td>
<td>Elements</td>
</tr>
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</tr>
<tr>
<td>AHCNSY301A</td>
<td>Maintain nursery plants</td>
<td>This unit covers the work undertaken to maintain nursery plants and defines the standard required to: calculate daily water needs; recognise stages of plant growth; monitor plant health; integrate range of plant maintenance activities; monitor the effects of plant interventions; prepare, mix and use chemicals as required.</td>
</tr>
<tr>
<td>AHCNSY302A</td>
<td>Receive and dispatch nursery products</td>
<td>This unit covers the process of facilitating client orders for products and the receiving and dispatching of plants and other nursery products from a production or retail nursery and defines the standard required to: communicate with client and advise on product; select and evaluate individual product quality; fulfil orders for nursery products in quantity and meet client quality requirements; maintain stock inventory; advise on nursery product availability and record sales quantities of product; record financial details of transactions.</td>
</tr>
<tr>
<td>AHCIRG302A</td>
<td>Install irrigation systems</td>
<td>This unit covers the process of installing pressurised irrigation systems and defines the standard required to: organise resources for installation work; set out and prepare site; install irrigation components; complete installation work, and commission irrigation systems; and communicate with work team members, supervisors, contractors and consultants.</td>
</tr>
<tr>
<td>AHCMOM304A</td>
<td>Operate machinery and equipment</td>
<td>This unit covers the process of maintaining and operating machinery and equipment and defines the standard required to: carry out pre-operational checks and maintenance and report defects if necessary; secure attachments according to manufacturer’s directions; operate machinery in a safe and controlled manner; follow procedures to minimise environmental impacts; implement shut-down procedures and store machinery and equipment; record maintenance and operation details.</td>
</tr>
<tr>
<td>AHCNSY303A</td>
<td>Install and maintain plant displays</td>
<td>This unit covers the process of the installation and maintenance work associated with plant displays and defines the standard required to: select suitable plants for a range of plant display purposes; undertake routine regular maintenance of plants in a display; identify symptoms of plant cultural problems; analyse cost benefit of replacing/reviving plants.</td>
</tr>
</tbody>
</table>
QUALIFICATION INFORMATION

AHC31210  Certificate III in Retail Nursery
This qualification provides a general vocational outcome for a retail nursery or garden centre sales assistant. The nursery industry expects this qualification to be achieved to meet job outcomes at this level.

Job roles and titles vary across different industry sectors. Possible job titles relevant to this qualification include:

- Nursery hand
- Nursery worker
- Retail sales assistant - nursery/greenlife.

Entry requirements
There are no entry requirements for this qualification. However, you will be required to complete a Language, Literacy and Numeracy Assessment before commencing in this qualification with Smart City Vocational College.

Eligibility criteria may apply if training is subsidised through government funded programs.

Learners wishing to undertake this program through a funded apprenticeship will be required to meet specific program entry requirements. Please contact your local campus to obtain information on these requirements.

Pathways into the qualification
This qualification may be accessed by direct entry.

Pathways from the qualification
Further training pathways from this qualification include, but are not limited to, Certificate IV in Retail Nursery or Certificate IV in Production Nursery.

Mode of training delivery
The delivery mode describes the way training will be delivered to support and enable learning.

- Apprenticeship (QLD & ACT)  Face to Face  Work-based
- Fee for Service  Face to Face in a classroom environment with Vocational Placement or Work-based
- Certificate 3 Guarantee Program (QLD only)  Face to Face in a classroom environment with Vocational Placement or Work-based

Please note that for work-based delivery, entry is restricted to learners holding positions within organisations where it is agreed that the learner can gain access to information necessary for their training and assessment. Learners will also require access to the following:

- Learners must be employed in the Retail nursery industry
- Access to the Internet, for research purposes
• Workplace policies and procedures manual (or similar documentation), and other relevant resources as required for assistance in completing your assessment activities (where required).
• Personal Protective Equipment including; hi visibility long sleeve shirt, long pants, steel cap boots, and a sun protective hat.
• Workplace technology and other resources relevant to units outlined below, e.g. hand and power tools, mowers, brush cutters, chemical spraying equipment

CERTIFICATE 3 GUARANTEE PROGRAM – INFORMATION
The Certificate 3 Guarantee Program provides a Government subsidy towards the training cost for eligible Participants undertaking an Australian Qualifications Framework certificate level III qualification. The objective of the program is the delivery and completion of certificate III qualifications which lead to job outcomes or career progression.

Under Certificate 3 Guarantee, lower level vocational qualifications are also subsidised in certain circumstances, based on an individual’s learning, skilling or support needs, to achieve an employment outcome for students.

Please take the time to consider if this qualification and industry is right for you or your clients.

Timeframe
Dependent on the mode of delivery and/or program type, the timeframe for this qualification will vary.

Apprenticeship 36 months full time
72 months part time

Fee for Service 12 – 36 months

Certificate 3 Guarantee Program (QLD only) 12 months

Although the above timeframes may differ, the required Volume of Learning shall be met.

VOCATIONAL PLACEMENT
To be assessed as competent in this qualification, you are required to undertake a minimum of 150 hours of mandatory vocational placement in a horticulture based organisation. The vocational placement:
• must be organised by the learner in consultation with Smart City Vocational College
• provides learners with industry experience but is not remunerated
• is directly related to the specific units of competency/skill requirements of a qualification/course as nominated by Smart City Vocational College
• is an assessable part of a learner’s qualification where a learner is placed in a workplace to receive practical training and experience
• needs to be successfully completed before a qualification or statement of attainment can be issued
Vocational placement must be organised as soon as possible after the commencement of the qualification to ensure timely contact and approval by the host and Smart City Vocational College.

The object of a vocational placement is to provide a learner with the opportunity to undertake practical training and to gain the experience required to enable them to demonstrate competency against the outcomes of a nationally recognised qualification/course.

A vocational placement is generally an appropriate option for learners who would not otherwise have sufficient access to the facilities, equipment and range of work necessary to develop and consolidate their skills to the level required of the qualification/course, for example, learners not employed in the vocational area in which they are studying.

Learners are appropriately covered by Smart City Vocational College insurances whilst undertaking their vocational placement hours.

**Cost**

Below is an overview of costs for this qualification:

- **Apprenticeship (QLD) – Student Contribution Fees**  
  * Concessions apply to applicable learners (refer to Learner Handbook)  
  $1.60 per nominal hour

- **Apprenticeship - Student Contribution Fee (ACT)**  
  * Concessions apply to applicable learners (refer to Learner Handbook)  
  Apprentice $350.00 for the first 12 month period and up to $600.00 to be charged for each subsequent 12 month period

- **Fee for service**  
  Contact the College for a quote

- **Certificate 3 Guarantee Program (Co- Contribution Fee)**
  - **Existing worker** (within a current workplace)  
  $50.00 non-concessional ($3.33 per unit)  
  $25.00 concessional ($1.67 per unit)

A co-contribution fee is payable for the Certificate 3 Guarantee Program. This co-contribution fee is the contribution to the cost of training and assessment services and is payable by students. The fee may be paid on behalf of the student by a third party, but cannot be waived.

Fees must be paid in full prior to the commencement of the course. The fees will be charged by Smart City Vocational College at a per unit rate. The co-contribution fee can change depending on the delivery method and location.

The co-contribution fee for this qualification delivered via workplace delivery is:

- Non-concessional students $50.00 ($3.33 per unit) includes learner’s whose fees are being paid by their Employer or other party
- Concessional students $25.00 ($1.67 per unit).
Fee exemptions and concessions apply to eligible learners.

A refund for the co-contributions is available if a student applies in writing prior to the commencement of the course or if the course is cancelled by the college.

**LICENSING, LEGISLATIVE, REGULATORY OR CERTIFICATION CONSIDERATIONS**

Not Applicable

There is no direct link between this qualification and licensing, legislative and/or regulatory requirements. However, where required, a unit of competency will specify relevant licensing, legislative and/or regulatory requirements that impact on the unit.

**RANGE OF ASSESSMENTS**

- Methods of assessment to cover a range of evidence gathering, for example, written questions and answers, observation, verbal questioning, supplementary evidence including, evidence portfolio, referee report, photographic evidence, workbook activities, log book
- Assessment can be modified where necessary.
- Recognition of your current skills and or past experience/qualifications (RCC/RPL).

Please discuss your learning needs with us. Whilst the Elements/Performance Criteria are required to be at a consistent standard, there is scope to modify either delivery of training (reasonable adjustment) or how your competencies are assessed to ensure that you succeed with your chosen area of training.

*When submitting assessment items, please ensure you have followed the guidelines as outlined in the assessment booklet, for example typing/writing your name, unit of competency code, and page number on all documents etc.*

**CREDIT TRANSFER/NATIONAL RECOGNITION**

Credit transfer is where you may have completed Units or a course with another Registered Training Organisation and it is relevant and/or able to be used for your current and anticipated study. Please note that Smart City Vocational College is committed to applying Credit Transfer to Qualifications/Units completed at other training organisations. Please ensure you mention this to your trainer on/before enrolment.

**COMPLAINTS/APPEALS**

Smart City Vocational College seeks to prevent complaints and/or appeals by ensuring Learners are satisfied with their training product and its outcomes. Trainers/Assessors will be fair, courteous and helpful in all dealings with Learners.

Any complaint about any assessment will be treated seriously, investigated thoroughly and dealt with according to the merit of the complaint. Appeals must be made within 21 days of receipt of assessment outcome. Please refer to Learner Handbook for further information.
CAMPUSES/STUDY HUBS
Smart City Vocational College’s extensive network of campuses and StudyHubs across Australia allow you to have face-to-face time with a qualified SmartCity trainer, undertake study or an assignment or just escape the daily grind.

SmartCity’s campuses and StudyHubs are designed and purpose built to help you achieve something great. They all feature the latest technology and a friendly, comfortable and inviting atmosphere. Many also feature barista machines and a kids play area as well. The technology within the campuses and StudyHubs are available to you for study purposes, e.g. computers, printer, photocopier, wifi. Feel free to use our tea and coffee facilities and chill out in the lounge area.

You can call us to arrange an appointment to meet with a trainer or simply pop in anytime during trading hours and have a chat with a Student Support Officer or Campus Manager.

SUPPORT SERVICES
If you feel that you may require personal assistance and/or support please talk to our staff. If we are unable to assist, we will put you in touch with a service that may be able to help you. We have a range of contacts with people who are skilled in dealing with difficult situations. If you feel more comfortable speaking with a female/male staff member or a person of same cultural background, please do not hesitate to ask. Any matters relating to Welfare/Guidance Services will be kept in strictest confidence – we respect your privacy on these issues.

Learners have access to learning support with Smart City Vocational College Trainers/Staff/Indigenous Student Support Officers, 5 days per week between the hours of 8.30am and 4.30pm via face-to-face, telephone, email, fax, Skype, Lync or where appropriate in person. Please note that where a Learner makes contact via email, a staff member from Smart City Vocational College will endeavour to respond within 48-72 hours.

LEARNER’S ROLE
As an enrolled Learner of Smart City Vocational College, you will need to be able to:

- Study independently
- Commit a suitable amount of time to your study and actively work to complete enrolled units
- Submit assessments by the due date
- Balance your work, personal life and study priorities throughout the training

Further information about your roles and responsibility as a Learner are listed in the Learner Handbook as available on the Smart City website and provided on enrolment.
USI (Unique Student Identifier)

All Learners who will be completing or commencing nationally recognised training with Smart City Vocational College (campus, distance or blended) will need to have a Unique Student Identifier (USI). This is a requirement of the Australian Government - Department of Industry.

A USI account will contain all your nationally recognised training records and results from 1st January 2015 onwards. Your USI will help keep your training records and results together in an online account controlled by you. Each time you enrol to study at a new training organisation, your USI will be used to store your training records and results.

APPLY FOR YOUR OWN USI

It is free and easy for you to create your own USI online. Visit the USI website at usi.gov.au and select the ‘Create a USI’ link and follow the steps.

ONCE YOU CREATE YOUR USI

Once you create your USI you will need to notify Smart City of your USI number and any other training organisation you study with so your training outcomes can be linked. You will be able to:

- View and update your details in your USI account;
- Give your training organisation permission to view and/or update your USI account;
- Give your training organisation view access to your transcript;
- Control access to your transcript from 2015; and
- View online and download your training records and results in the form of a transcript which will help you with job applications and enrolment in further training.

For more information you can:

- Watch the short information video from the Australian Government at https://www.youtube.com/watch?v=HRYaaF-B7Ho (or search Unique Student Identifier (USI) – Student Video on YouTube).
- Visit the website: usi.gov.au
- Visit our website www.smartcitycollege.edu.au and review our learner handbook
EMPLOYABILITY SKILLS SUMMARY
AHC31110 Certificate III in Retail Nursery - The following table contains a summary of the Employability Skills required by industry for this qualification. The Employability Skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

<table>
<thead>
<tr>
<th>Employability Skill</th>
<th>Industry requirements for this qualification include</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>Listening and understanding</td>
</tr>
<tr>
<td></td>
<td>Speaking clearly and directly</td>
</tr>
<tr>
<td></td>
<td>Reading and interpreting workplace related documentation</td>
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<tr>
<td></td>
<td>Interpreting the needs of internal/external customers</td>
</tr>
<tr>
<td></td>
<td>Applying numeracy skills to workplace requirements</td>
</tr>
<tr>
<td>Teamwork</td>
<td>Working as an individual and a team member</td>
</tr>
<tr>
<td></td>
<td>Working with diverse individuals and groups</td>
</tr>
<tr>
<td></td>
<td>Applying knowledge of own role as a part of a team</td>
</tr>
<tr>
<td>Problem solving</td>
<td>Developing practical and creative solutions to workplace problems</td>
</tr>
<tr>
<td></td>
<td>Showing interdependence and initiative in identifying problems</td>
</tr>
<tr>
<td></td>
<td>Solving problems individually or in teams</td>
</tr>
<tr>
<td>Initiative and enterprise</td>
<td>Adapting to new situations</td>
</tr>
<tr>
<td>Planning and organizing</td>
<td>Collecting analysing and organising information</td>
</tr>
<tr>
<td></td>
<td>Taking initiative and making decisions within workplace role</td>
</tr>
<tr>
<td></td>
<td>Managing time and priorities</td>
</tr>
<tr>
<td>Self-management</td>
<td>Taking responsibility at the appropriate level</td>
</tr>
<tr>
<td>Learning</td>
<td>Participating in ongoing learning</td>
</tr>
<tr>
<td></td>
<td>Learning new skills and techniques</td>
</tr>
<tr>
<td>Technology</td>
<td>Using technology and related workplace equipment</td>
</tr>
<tr>
<td></td>
<td>Using basic technology skills</td>
</tr>
<tr>
<td></td>
<td>Applying OHS knowledge when using technology</td>
</tr>
</tbody>
</table>
UNIT LIST:
15 units of competency are required to complete this qualification. 
10 core unit plus 5 elective units; the 5 elective units are listed below.

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Title</th>
<th>Elements</th>
<th>Nominal Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHC0HS301A</td>
<td>Contribute to OHS processes</td>
<td>Adapt OHS policies and procedures</td>
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<td></td>
<td>Assist in workplace hazard identification and risk control</td>
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<td></td>
<td></td>
<td>Observe safe practices during work operations</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Participate in arrangements for maintaining health and safety of all people in the workplace</td>
<td></td>
</tr>
<tr>
<td>AHCPCM302A</td>
<td>Provide information on plants and their culture</td>
<td>Identify the issue</td>
<td>70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Decide on preferred solution</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Provide the preferred solution</td>
<td></td>
</tr>
<tr>
<td>AHCPCM303A</td>
<td>Identify plant specimens</td>
<td>Observe the plant specimen</td>
<td>80</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Inspect plant morphological features</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Determine status of health</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Identify the specimen</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Report on the process results</td>
<td></td>
</tr>
<tr>
<td>AHCNSY302A</td>
<td>Receive and dispatch nursery products</td>
<td>Select product for an order</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maintain the stock inventory</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prepare for dispatch or delivery</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Receive products</td>
<td></td>
</tr>
<tr>
<td>AHCNSY301A</td>
<td>Maintain nursery plants</td>
<td>Monitor and maintain the nursery environment</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Determine daily water requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Promote plant growth by intervention</td>
<td></td>
</tr>
<tr>
<td>SIRXCCS202</td>
<td>Interact with customers</td>
<td>Deliver service to customers</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Respond to customer complaints</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Receive and process sales orders</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Identify special customer requirements</td>
<td></td>
</tr>
<tr>
<td>AHCNSY303A</td>
<td>Install and maintain plant displays</td>
<td>Assess requirements for plantscaping</td>
<td>60</td>
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<td></td>
<td></td>
<td>Install containerised and direct planted specimens</td>
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<td></td>
<td></td>
<td>Maintain plants</td>
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<tr>
<td>SIRXMER303</td>
<td>Coordinate merchandise presentation</td>
<td>Coordinate merchandise presentation and display</td>
<td>35</td>
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<td>Implement merchandise pricing</td>
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<tr>
<td>AHCWRK313A</td>
<td>Implement and monitor environmentally</td>
<td>Investigate current practices in relation to resource usage</td>
<td>50</td>
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<td></td>
<td>sustainable work practices</td>
<td>Set targets for improvements</td>
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<td></td>
<td></td>
<td>Implement performance improvement strategies</td>
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<td>Monitor performance</td>
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<tr>
<td>AHCMPMG302A</td>
<td>Control plant pests diseases and disorders</td>
<td>Assess pests and disease infestation</td>
<td>80</td>
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<td>Plan the implementation of control measures</td>
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<td>Implement control measures</td>
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<td>Monitor control methods</td>
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<tr>
<td>Unit code</td>
<td>Title</td>
<td>Elements</td>
<td>Nominal Hours</td>
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</tbody>
</table>
| AHCPMG301A | Control weeds                                | Assess weed infestation  
Plan control measures  
Implement control measures  
Monitor control measures | 70             |
| AHPCPM301A | Implement a plant nutrition program          | Prepare for implementation of the plant nutrition program  
Monitor soil pH  
Determine nutritional problems in plants  
Prepare to use fertilisers  
Prepare application equipment  
Apply specific products at appropriate rates | 60             |
| AHCHM303A  | Prepare and apply chemicals                  | Determine the need for chemical use  
Prepare application/spray plan  
Prepare chemical mixes  
Calibrate application equipment  
Apply chemicals  
Clean up equipment and complete records | 70             |
| AHCHM304A  | Transport, handle and store chemicals        | Transport and handle chemicals and biological agents  
Store chemicals in the workplace  
Record storage details | 50             |
| AHCMOM304A | Operate machinery and equipment              | Prepare machinery and equipment for use  
Operate machinery and equipment  
Check and complete machinery and equipment operation | 40             |
<table>
<thead>
<tr>
<th>Unit code</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHC0HS301A</td>
<td>Contribute to OHS processes</td>
<td>This unit covers the process of carrying out enterprise Occupational Health and Safety (OHS) policies and procedures and defines the standard required to: work in accordance with workplace procedures in hazard identification and risk control; carry out safe practices during work operations; participate in arrangements for maintaining the health and safety of all people in the workplace.</td>
</tr>
<tr>
<td>AHCPCM302A</td>
<td>Provide information on plants and their culture</td>
<td>This unit covers the process of providing information to clients and others about plants and their cultural requirements and defines the standard required to: confirm client brief and request for information; consider the growing environment (soil, climate and aspect, pests and diseases, and weed competition); develop product knowledge through in-house and online sources; incorporate client aims and preferences into developing options for plantings; determine the optimal solution for the client needs; provide recommendations on plants, plantings and/or plant treatments, with supporting information to the client.</td>
</tr>
<tr>
<td>AHCPCM303A</td>
<td>Identify plant specimens</td>
<td>This unit covers the process of identifying an unknown plant specimen and defines the standard required to: capture relevant morphological features of a plant, record qualitative and quantitative data; use comparative techniques to define progress towards identification; use indications of health, environmental influences and location to assist identification; construct a plant database; document a report of the identification process; name unknown plant specimens.</td>
</tr>
<tr>
<td>AHCNSY302A</td>
<td>Receive and dispatch nursery products</td>
<td>This unit covers the process of facilitating client orders for products and the receiving and dispatching of plants and other nursery products from a production or retail nursery and defines the standard required to: communicate with client and advise on product; select and evaluate individual product quality; fulfil orders for nursery products in quantity and meet client quality requirements; maintain stock inventory; advise on nursery product availability and record sales quantities of product; record financial details of transactions.</td>
</tr>
<tr>
<td>AHCNSY301A</td>
<td>Maintain nursery plants</td>
<td>This unit covers the work undertaken to maintain nursery plants and defines the standard required to: calculate daily water needs; recognise stages of plant growth; monitor plant health; integrate range of plant maintenance activities; monitor the effects of plant interventions; prepare, mix and use chemicals as required.</td>
</tr>
<tr>
<td>SIRXCCS002A</td>
<td>Interact with customers</td>
<td>This unit describes the performance outcomes, skills and knowledge required to deliver service to customers. It entails being able to communicate effectively with customers, respond to their complaints, receive and process sales orders and identify special customer requirements.</td>
</tr>
<tr>
<td>AHCNSY303A</td>
<td>Install and maintain plant displays</td>
<td>This unit covers the process of the installation and maintenance work associated with plant displays and defines the standard required to: select suitable plants for a range of plant display purposes; undertake routine regular maintenance of plants in a display; identify symptoms of plant cultural problems; analyse cost benefit of replacing/reviving plants.</td>
</tr>
<tr>
<td>SIRXMER002A</td>
<td>Coordinate merchandise presentation</td>
<td>This unit describes the performance outcomes, skills and knowledge required to supervise sales and other staff implementing and maintaining displays according to store merchandising standards.</td>
</tr>
<tr>
<td>AHCWRK313A</td>
<td>Implement and monitor environmentally sustainable work practices</td>
<td>This unit covers the performance outcomes, skills and knowledge required to effectively analyse the workplace in relation to environmentally sustainable work practices and to implement improvements and monitor their effectiveness. This unit requires the ability to access industry information, applicable legislative and Occupational Health and Safety (OHS) guidelines.</td>
</tr>
<tr>
<td>AHCPCMG302A</td>
<td>Control plant pests diseases and disorders</td>
<td>This unit covers the process of controlling plant pests, diseases and disorders taking into consideration Integrated Pest Management (IPM) options and defines the standard required to: identify a range of pests, diseases and disorders, and beneficial organisms; assess damage or threat to plants; select pest and disease controls and timing of operations; prepare and calibrate equipment; apply a range of pest and disease control methods and keep records; monitor the effectiveness of controls.</td>
</tr>
<tr>
<td>Electives</td>
<td>Course Title</td>
<td>Description</td>
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<tr>
<td>AHCMOM304A</td>
<td>Operate machinery and equipment</td>
<td>This unit covers the process of maintaining and operating machinery and equipment and defines the standard required to: carry out pre-operational checks and maintenance and report defects if necessary; secure attachments according to manufacturer’s directions; operate machinery in a safe and controlled manner; follow procedures to minimise environmental impacts; implement shut-down procedures and store machinery and equipment; record maintenance and operation details.</td>
</tr>
<tr>
<td>AHCHM303A</td>
<td>Prepare and apply chemicals</td>
<td>This unit covers the process of preparing and applying chemicals and defines the standard required to: assess the need for chemical use; comply with safety, chemical label and MSDS requirements; prepare an application/spray plan; prepare and apply chemicals; calibrate application equipment and maintain chemical records.</td>
</tr>
<tr>
<td>AHCHM304A</td>
<td>Transport, handle and store chemicals</td>
<td>This unit covers the process of transporting, handling and storing chemicals safely and identifies the standard required to: correctly maintain and use personal protective equipment (PPE) according to label; follow emergency procedures for chemical spillage; follow legislative requirements for the safe transport of chemicals; and maintain storage area and chemical manifest.</td>
</tr>
<tr>
<td>AHCPMG301A</td>
<td>Control weeds</td>
<td>This unit covers the control of weeds and defines the standard required to: identify a range of weeds and beneficial organisms; plan and coordinate weed control activities; prepare and calibrate equipment; conduct a site hazard identification and risk control assessment for weed control; apply a range of weed control methods and maintain records; monitor, record and report the effectiveness of controls.</td>
</tr>
<tr>
<td>AHPCM301A</td>
<td>Implement a plant nutrition program</td>
<td>This unit covers the process of implementing a plant nutrition program in the horticultural or agricultural industry and defines the standard required to: recognise a range of common causes of nutrient deficiency; prepare fertilizers and other products for application to plants; apply fertilizers and other products; clean up and maintain tools and equipment; record work activities according to enterprise guidelines.</td>
</tr>
</tbody>
</table>
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07 54436375
35 Dalton Drive
MAROOCHYDORE QLD 4551

CAMPUS LOCATIONS
These qualifications are managed from the Maroochydore campus.

For the more information, please contact:

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