



Australian Government

AHC50410 Diploma of Horticulture

Release 3

AHC50410 Diploma of Horticulture

Modification History

Release	TP Version	Comments
3	AHC10v5	Added elective unit <i>AHCPCM505A Conduct environment and food safety risk assessment of plant nutrition and soil fertility programs</i>
2	AHC10v4	Equivalent imported Units updated
1	AHC10	Initial release

Description

The Diploma of Horticulture reflects the role of those who manage amenity horticultural enterprises where a range of skills and knowledge across the breadth of the industry is required or personnel working in horticulture at a level requiring higher technical skills.

Pathways Information

Qualification pathways

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, Advanced Diploma of Horticulture.

Australian Apprenticeships

This qualification is suitable for an Australian Apprenticeship.

Job roles

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

Senior Horticulturist

Parks and Garden manager

Horticulture enterprise manager

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Entry requirements

There are no entry requirements for this qualification.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Listening and understanding • Speaking clearly and directly • Reading and interpreting workplace related documentation • Writing to audience needs • Interpreting the needs of internal/external customers • Applying numeracy skills to workplace requirements • Establishing/using networks • Sharing information • Negotiating responsively
Teamwork	<ul style="list-style-type: none"> • 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 • Applying teamwork skills to a range of situations • Identifying and using the strengths of other team members
Problem-solving	<ul style="list-style-type: none"> • Developing practical and creative solutions to workplace problems • Showing interdependence and initiative in identifying problems • Solving problems individually or in teams • Applying a range of strategies in problem solving • Using numeracy skills to solve problems • Testing assumptions and taking context into account
Initiative and enterprise	<ul style="list-style-type: none"> • Adapting to new situations • Being creative in response to workplace challenges • Identifying opportunities that might not be obvious to others • Generating a range of options in response to workplace matters • Translating ideas into actions • Developing a strategic, creative long-term vision
Planning and organising	<ul style="list-style-type: none"> • Collecting analysing and organising information • Using basic business systems for planning and organising • Being appropriately resourceful

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

	<ul style="list-style-type: none"> • Taking initiative and making decisions within workplace role • Participating in continuous improvement and planning processes • Working within or establishing clear project goals and deliverables • Determining or applying required resources • Allocating people and other resources to tasks and workplace requirements • Managing time and priorities • Adapting resource allocations to cope with contingencies
Self-management	<ul style="list-style-type: none"> • Taking responsibility at the appropriate level
Learning	<ul style="list-style-type: none"> • Defining own learning needs • Carrying out independent learning to improve capability
Technology	<ul style="list-style-type: none"> • Using technology and related workplace equipment • Using technology to organise data

Packaging Rules**Packaging Rules**

Completion of ten (10) elective units.

ELECTIVE UNITS

- a minimum of four (4) units must come from elective group A
 - a minimum of four (4) units must come from elective groups A or B
 - a maximum of two (2) units may be selected from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course.
- Selected units must meet job outcomes relevant to horticulture.

ELECTIVE UNITS GROUP A**Plants**

Unit code	Unit title
AHCPCM501A	Diagnose plant health problems
AHCPCM502A	Collect and classify plants

Production horticulture

Unit code	Unit title
AHCPHT502A	Develop a horticultural production plan
AHCPHT503A	Manage a controlled growing environment

Arboriculture

Unit code	Unit title
AHCARB501A	Assess trees
AHCARB502A	Identify, select and specify trees
AHCARB503A	Diagnose tree diseases
AHCARB504A	Develop a tree protection program
AHCARB505A	Document and audit tree work

Hydroponics

Unit code	Unit title
AHCHYD501A	Develop a plan for a hydroponic system

Landscape

Unit code	Unit title
AHCLSC501A	Survey and establish site levels
AHCLSC502A	Manage landscape projects
AHCLSC503A	Manage a tree transplanting program

Parks and gardens

Unit code	Unit title
AHCPGD501A	Manage plant cultural practices
AHCPGD502A	Plan the restoration of parks and gardens
AHCPGD503A	Manage parks and reserves
AHCPGD504A	Develop and implement a streetscape management plan

AHCPGD505A	Conduct comprehensive inspection of park facilities
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Turf

Unit code	Unit title
AHCTRF501A	Plan the establishment of sports turf playing surfaces

ELECTIVE UNITS GROUP B**Business**

Unit code	Unit title
AHCBUS501A	Manage staff
AHCBUS502A	Market products and services
AHCBUS503A	Negotiate and monitor contracts
AHCBUS504A	Prepare estimates, quotes and tenders
AHCBUS505A	Develop a marketing plan
AHCBUS508A	Prepare and monitor budgets and financial reports
BSBFIM501A	Manage budgets and financial plans
BSBHRM506A	Manage recruitment selection and induction processes
BSBRES401A	Analyse and present research information
TLIL5019A	Implement and monitor transport logistics
TLIR4002A	Source goods/services and evaluate contractors
TLIR4003A	Negotiate a contract

Chemicals

Unit code	Unit title
AHCCHM501A	Develop and manage a chemical use strategy

Design

Unit code	Unit title
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AHCDES503A	Assess landscape sites
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Irrigation

Unit code	Unit title
AHCIRG501A	Audit irrigation systems
AHCIRG502A	Design irrigation system maintenance and monitoring programs
AHCIRG503A	Design irrigation, drainage and water treatment systems
AHCIRG504A	Develop an irrigation and drainage management plan
AHCIRG505A	Establish and maintain an irrigation-related environmental protection program

Lands, parks and wildlife

Unit code	Unit title
AHCLPW501A	Develop a management plan for a designated area

Machinery operation and maintenance

Unit code	Unit title
AHCMOM501A	Manage machinery and equipment
AHCMOM502A	Implement a machinery management system

Pest management

Unit code	Unit title
AHCPMG501A	Coordinate the pest management strategy in a regional or broader context
AHCPMG502A	Define the pest problem in a regional or broader context
AHCPMG503A	Develop a strategy for the management of target pests
AHCPMG504A	Develop a system for monitoring the pest management strategy
AHCPMG505A	Evaluate the pest management strategy

Plants

Unit code	Unit title
AHCPCM505A	Conduct environment and food safety risk assessment of plant nutrition and soil fertility programs

Soils and media

Unit code	Unit title
AHCSOL501A	Monitor and manage soils for production

Water

Unit code	Unit title
AHCWAT501A	Design water treatment systems
AHCWAT502A	Manage water systems

Work

Unit code	Unit title
AHCWRK501A	Plan, implement and review a quality assurance program
AHCWRK502A	Collect and manage data
AHCWRK503A	Prepare reports
AHCWRK504A	Assess new industry developments
AHCWRK505A	Manage trial and/or research material
AHCWRK507A	Implement professional practice
AHCWRK508A	Interpret legislation
AHCWRK509A	Provide specialist advice to clients
AHCWRK510A	Audit site operations
AHCWRK511A	Develop workplace policy and procedures for sustainability
CPPWMT5043A	Develop and implement an environmental management strategy
CPPWMT5045A	Develop site safety plans
PSPPM502B	Manage complex projects

PSPPM503B	Close complex projects
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