



**Primary Industries
Certificate III in Horticulture
(AHC30710)**

Effective from	2012
Date published	October 2011

© 2011 Copyright Board of Studies NSW for and on behalf of the Crown in right of the State of New South Wales.

This document contains Material prepared by the Board of Studies NSW for and on behalf of the State of New South Wales. The Material is protected by Crown copyright.

All rights reserved. No part of the Material may be reproduced in Australia or in any other country by any process, electronic or otherwise, in any material form or transmitted to any other person or stored electronically in any form without the prior written permission of the Board of Studies NSW, except as permitted by the *Copyright Act 1968*. School students in NSW and teachers in schools in NSW may copy reasonable portions of the Material for the purposes of bona fide research or study.

When you access the Material you agree:

- to use the Material for information purposes only
- to reproduce a single copy for personal bona fide study use only and not to reproduce any major extract or the entire Material without the prior permission of the Board of Studies NSW
- to acknowledge that the Material is provided by the Board of Studies NSW
- not to make any charge for providing the Material or any part of the Material to another person or in any way make commercial use of the Material without the prior written consent of the Board of Studies NSW and payment of the appropriate copyright fee
- to include this copyright notice in any copy made
- not to modify the Material or any part of the Material without the express prior written permission of the Board of Studies NSW.

The Material may contain third-party copyright materials such as photos, diagrams, quotations, cartoons and artworks. These materials are protected by Australian and international copyright laws and may not be reproduced or transmitted in any format without the copyright owner's specific permission. Unauthorised reproduction, transmission or commercial use of such copyright materials may result in prosecution.

The Board of Studies has made all reasonable attempts to locate owners of third-party copyright material and invites anyone from whom permission has not been sought to contact the Copyright Officer, ph (02) 9367 8289, fax (02) 9279 1482.

Acknowledgements

Units of competency and qualification rules from the Agriculture, Horticulture and Conservation and Land Management Training Package (AHC10) in this document are © Commonwealth of Australia. Reproduced with permission.

The following copyright warning applies to the material from the Training Package:

All rights reserved. This work has been produced initially with the assistance of funding provided by the Commonwealth Government through DEEWR. This work is copyright, but permission is given to trainers and teachers to make copies by photocopying or other duplicating processes for use with their own training organisations or in a workplace where the training is being conducted. This permission does not extend to the making of copies for use outside the immediate training environment for which they are made, nor the making of copies for hire or resale to third parties. The views expressed in this version of the work do not necessarily represent the views of DEEWR. DEEWR does not give warranty nor accept any liability.

Published by Board of Studies NSW
GPO Box 5300
Sydney 2001
Australia

Tel: (02) 9367 8111
Fax: (02) 9367 8484
Internet: www.boardofstudies.nsw.edu.au

20110750

Contents

Introduction to the Primary Industries Curriculum Framework

The Primary Industries Curriculum Framework and Certificate III in Horticulture

Status of units of competency for the Primary Industries HSC courses and Certificate III in Horticulture

Minimum requirements for Certificate III in Horticulture (AHC30710)

Primary Industries – Certificate III in Horticulture (AHC30710)

The Primary Industries Curriculum Framework includes the following documentation:

- the syllabus
- associated documents
- support materials.

All of the Framework documentation is available on the Board's website at www.boardofstudies.nsw.edu.au/syllabus_hsc/primary-industries.html.

This document, *Primary Industries – Certificate III in Horticulture (AHC30710)*, should be read in conjunction with the [Primary Industries Curriculum Framework Stage 6 Syllabus](#).

Introduction to the Primary Industries Curriculum Framework

The Primary Industries Curriculum Framework is a Board Developed HSC syllabus based on the national *Agriculture, Horticulture and Conservation and Land Management Training Package (AHC10)* and includes a pathway to *Certificate III in Horticulture (AHC30710)*.

The Primary Industries Curriculum Framework contains the following HSC VET courses (detailed in [Section 2 of the Syllabus](#)):

- Primary Industries (120 indicative hours)
- Primary Industries (240 indicative hours)
- Primary Industries Specialisation Study (60 or 120 or 180 or 240 indicative hours).

HSC VET courses are dual accredited. Students can gain credit towards:

- the NSW Higher School Certificate (HSC)
- an AQF VET qualification – eg Certificate III in Horticulture.

As a result of the dual accreditation, HSC VET courses are governed by two sets of rules:

- HSC unit credit requirements determined by:
 - HSC course requirements (detailed in [Section 2 of the Syllabus](#))
 - the requirements for satisfactory course completion – outlined in the Board of Studies [Assessment, Certification and Examination \(ACE\) Manual](#)
- AQF VET qualification requirements specified in:
 - the qualification packaging rules for Certificate III in Horticulture – defined in the AHC10 Training Package (detailed on pp 18–22 of this document)
 - RTO policies.

It is important to note that the rules and structure of HSC VET courses are not identical to the qualification packaging rules.

HSC VET courses can only be delivered by a Registered Training Organisation (RTO) who must:

- deliver the HSC VET course in accordance with Board of Studies' requirements
- meet the requirements of the VET Quality Framework [formerly referred to as the Australian Quality Training Framework (AQTF)]
- meet the Training Package requirements.

The Primary Industries Curriculum Framework and Certificate III in Horticulture

The AHC10 Training Package qualification packaging rules for *Certificate III in Horticulture (AHC30710)* require the achievement of:

- 2 core units of competency
- plus 14 elective units of competency.

(Refer to pp 18–22 of this document for further detail.)

To achieve *Certificate III in Horticulture (AHC30710)* as a part of the HSC, students will generally complete the following HSC VET courses from the Primary Industries Curriculum Framework:

- Primary Industries (240 indicative hours) – 4 HSC credit units
- Primary Industries Specialisation Study (120 indicative hours) – 2 HSC credit units.

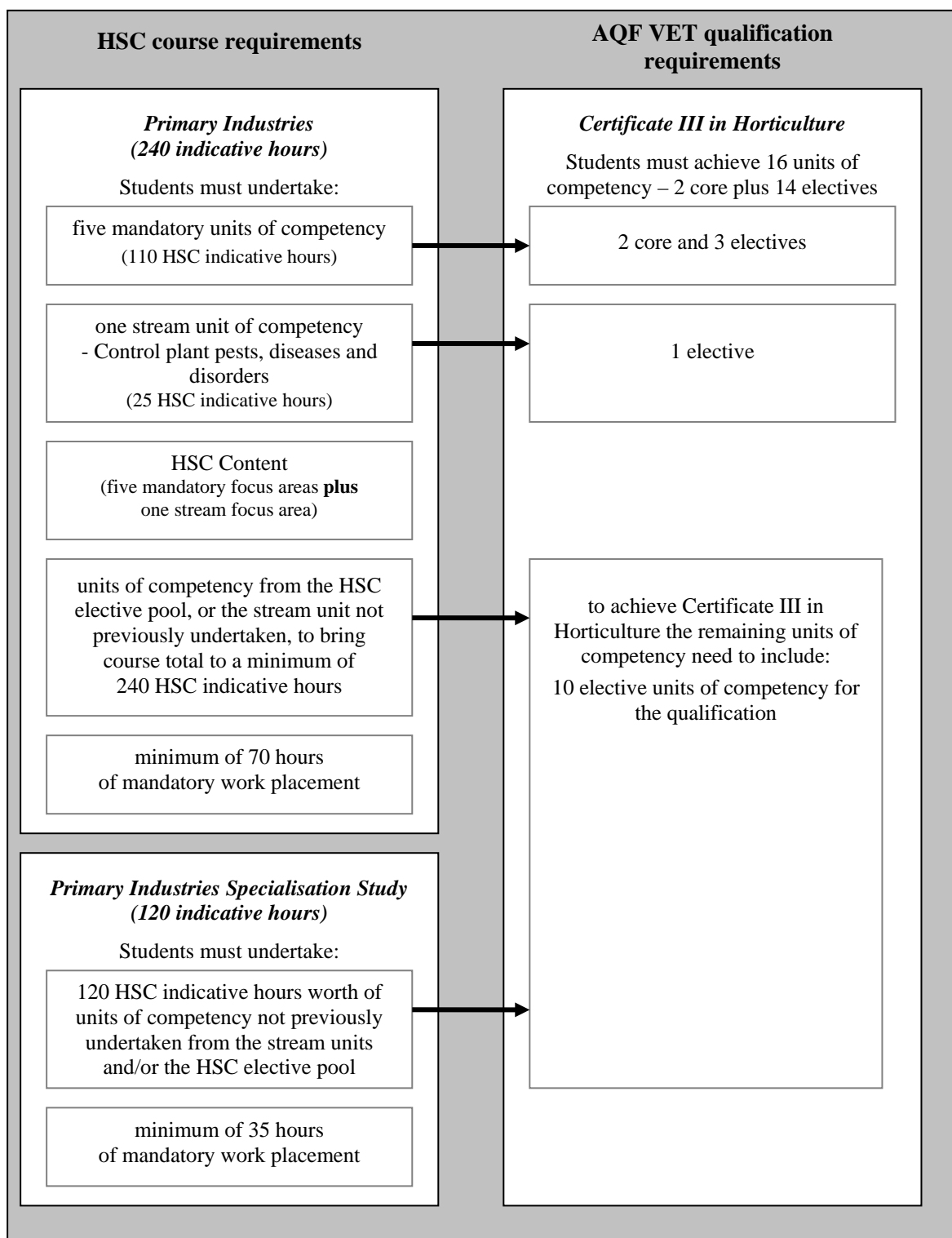
For students who have undertaken a Certificate II qualification as a part of the Primary Industries (240 indicative hours) course, and are undertaking a Certificate III qualification pathway in the Primary Industries Specialisation Study, there are different course requirements. RTOs must refer to the associated document *Pathways from Certificate II to Certificate III in Primary Industries* for further information.

To be eligible for the award of the HSC, students must satisfactorily complete a pattern of study that includes 22 HSC credit units (refer to the [Assessment, Certification and Examination \(ACE\) Manual](#) for further detail).

Students undertaking *Certificate III in Horticulture (AHC30710)* through the Primary Industries (240 indicative hours) course plus the Primary Industries Specialisation Study (120 indicative hours) will be eligible for 6 HSC credit units towards the 22 HSC credit units required for the award of their HSC.

Primary Industries course requirements for Certificate III in Horticulture

Refer to pp 9–17 of this document and [Section 2 of the Syllabus](#) for further detail.



Work placement

Work placement is a mandatory HSC VET course requirement with minimum hours assigned to each HSC VET course. Non-completion of work placement means the student has not met the HSC VET course requirements and cannot count the HSC credit units for the course towards the award of their HSC. They would still be credentialled for the AQF VET qualification outcome.

The minimum work placement requirement for *Certificate III in Horticulture (AHC30710)* is:

- Primary Industries (240 indicative hours) – 70 hours
- Primary Industries Specialisation Study (120 indicative hours) – 35 hours.

Work placement is to be undertaken in an appropriate primary industries work environment.

Refer to the [Work Placement in Primary Industries](#) document for industry-specific advice regarding work placement in primary industries.

HSC Content

The HSC Content for this Framework is organised into focus areas. Each focus area prescribes the scope of learning for the HSC. This is drawn from the associated units of competency (outlined in Table 1 on the next page).

Students undertaking the Primary Industries (240 indicative hours) course must address:

- all of the mandatory focus areas:
 - Chemicals
 - Safety
 - Sustainability
 - Weather
 - Working in the industry
- one stream focus area:
 - Livestock health and welfare

or

 - Plant pests, diseases and disorders.

The content description for each focus area is detailed in [Section 3 of the Syllabus](#).

The HSC examination in Primary Industries is based on the HSC Content and employability skills for the Certificate II qualifications in this Framework (refer to [Section 4 of the Syllabus](#)).

Table 1 Focus areas and associated units of competency for Certificate III in Horticulture (AHC30710)

	Associated units of competency	
Focus area	Unit code	Unit title
Mandatory		
Chemicals	AHCCHM303A	Prepare and apply chemicals
Safety	AHCOHS301A	Contribute to OHS processes
Sustainability	AHCWRK313A	Implement and monitor environmentally sustainable work practices
Weather	AHCWRK302A	Monitor weather conditions
Working in the industry	AHCWRK204A	Work effectively in the industry
Stream		
Livestock health and welfare or Plant pests, diseases and disorders	AHCLSK309A AHCPMG302A	Implement animal health control programs Control plant pests, diseases and disorders

HSC examination

The Primary Industries Curriculum Framework includes an HSC examination which provides the opportunity for students to have their HSC mark contribute to the calculation of their Australian Tertiary Admission Rank (ATAR).

Students who have completed the Primary Industries (240 indicative hours) course are eligible to sit for the Primary Industries HSC examination.

Students who want to sit for the Primary Industries HSC examination must be entered for both the Primary Industries course and the Primary Industries examination on *Schools Online (Administration)*.

The Primary Industries HSC examination is based on the HSC Content (refer to [Section 3 of the Syllabus](#)) and employability skills for the Certificate II qualifications (refer to the [Employability Skills in Primary Industries](#) document).

The Primary Industries HSC examination is a written exam independent of the competency-based assessment undertaken during the course and has no impact on student eligibility for the *Certificate III in Horticulture (AHC30710)*.

HSC examination specifications

The HSC examination specifications, which describe the format of the Primary Industries HSC examination, are contained in the [Assessment and Reporting in Primary Industries Stage 6](#) document.

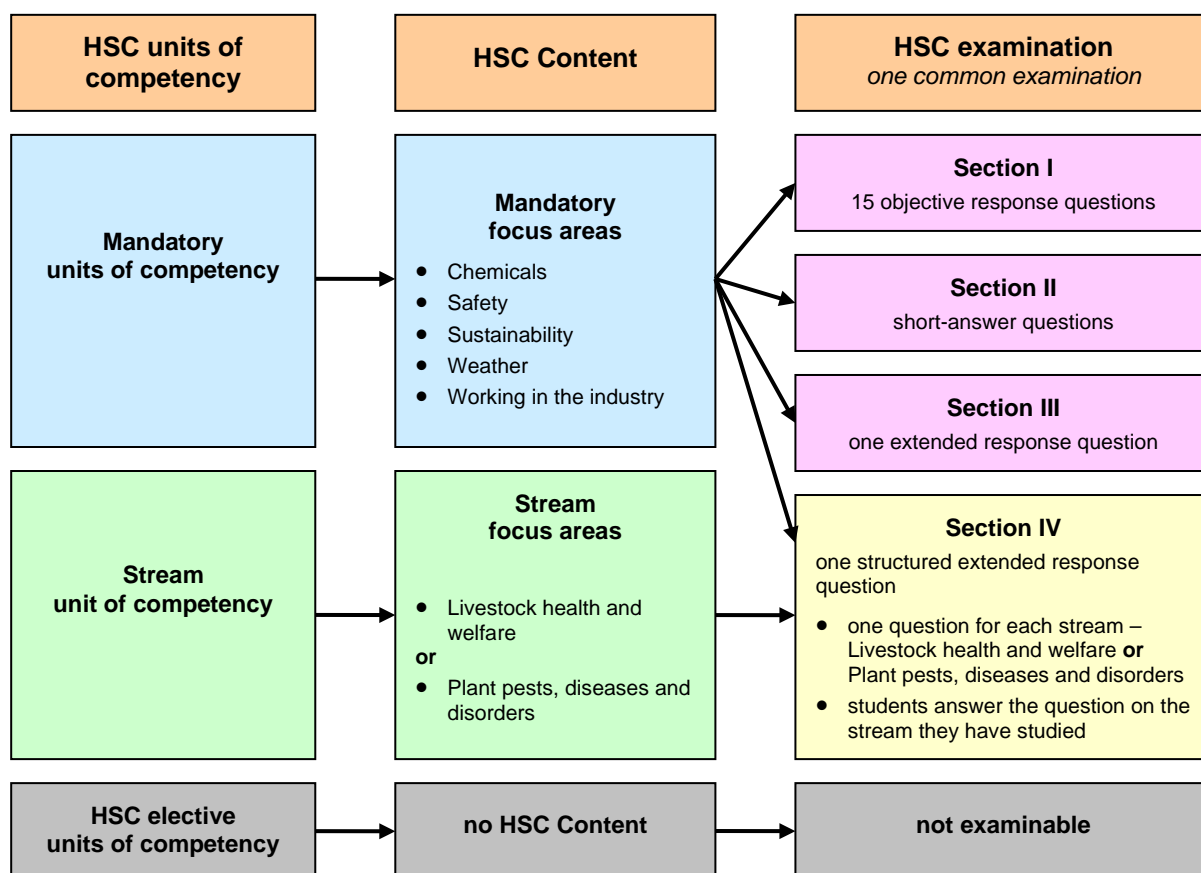
The Primary Industries HSC examination will consist of a 2-hour written paper. The paper will consist of four sections:

- Section I – objective response questions to the value of 15 marks
- Section II – short-answer questions to the value of 35 marks
- Section III – one extended response question to the value of 15 marks
- Section IV – two structured extended response questions (one for each of the stream focus areas: Livestock health and welfare or Plant pests, diseases and disorders) each to the value of 15 marks. Candidates will be required to answer the question on the stream they have studied.

The Primary Industries HSC examination is based on the HSC Content (focus areas) and employability skills for the Certificate II qualifications:

- Sections I, II and III are based on the mandatory focus areas
- Section IV is based on the stream focus areas and can also draw from the mandatory focus areas.

Relationship of the Primary Industries (240 indicative hours) course structure to the Primary Industries HSC examination



Status of units of competency for the Primary Industries HSC courses and Certificate III in Horticulture

To achieve *Certificate III in Horticulture (AHC30710)* the AHC10 Training Package requires students to achieve 16 units of competency:

- 2 core units of competency
- 14 elective units of competency.

To achieve *Certificate III in Horticulture (AHC30710)* as a part of the HSC, students will generally do the following HSC VET courses:

- Primary Industries (240 indicative hours)
- Primary Industries Specialisation Study (120 indicative hours).

To meet HSC course requirements, students completing the Primary Industries (240 indicative hours) course must undertake **five mandatory units of competency** and **one stream unit of competency** plus HSC elective units of competency to bring course total to a minimum of 240 HSC indicative hours.

Students who are also completing the Primary Industries Specialisation Study (120 indicative hours) course must undertake an additional 120 HSC indicative hours of units of competency.

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate III in Horticulture 2 core & 14 electives ▪ min 8 group A electives ▪ min 3 group A &/or B electives ▪ max 3 'other' electives
mandatory	20	AHCCHM303A	Prepare and apply chemicals	elective – group B
mandatory	25	AHCOHS301A	Contribute to OHS processes	core
mandatory	20	AHCWRK302A	Monitor weather conditions	other elective
mandatory	20	AHCWRK204A	Work effectively in the industry	other elective
mandatory	25	AHCWRK313A	Implement and monitor environmentally sustainable work practices	core
Plant pests, diseases and disorders stream	25	AHCPMG302A	Control plant pests, diseases and disorders	elective – group A
sub-total HSC indicative hours – mandatory and stream units of competency	135			

Primary Industries Curriculum Framework – Certificate III in Horticulture

Students undertaking the Primary Industries (240 indicative hours) plus the Primary Industries Specialisation Study (120 indicative hours) course with the **Plant pests, diseases and disorders stream** must undertake an additional **225 HSC indicative hours** of units of competency to meet the HSC course requirements. These must include **10 units of competency** that are elective for the qualification to achieve *Certificate III in Horticulture (AHC30710)*:

- minimum **7 more** electives must come from group A
- minimum **2 more** electives must come from group A and/or B
- with a maximum of **1** ‘other’ electives.

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate III in Horticulture 2 core & 14 electives ▪ min 8 group A electives ▪ min 3 group A &/or B electives ▪ max 3 ‘other’ electives
elective	30	AHCAGB301A	Keep records for a primary production business	other elective
elective	10	AHCBIO201A	Inspect and clean machinery for plant, animal and soil material	other elective
elective	15	AHCBIO202A	Follow site quarantine procedures	other elective
elective	15	AHCBAC201A	Assist agricultural crop establishment	other elective
elective	15	AHCBAC202A	Assist agricultural crop maintenance	other elective
elective	15	AHCBAC203A	Assist agricultural crop harvesting	other elective
elective	20	AHCBAC301A	Conserve forage	other elective
elective	25	AHCBAC302A	Establish pastures and crops for livestock production	other elective
elective	20	AHCBAC305A	Undertake preparation of land for agricultural crop production	other elective
elective	25	AHCBAC306A	Establish agricultural crops	other elective
elective	20	AHCBAC307A	Maintain agricultural crops	other elective
elective	20	AHCBAC308A	Undertake agricultural crop harvesting activities	other elective
elective	15	AHCBUS301A	Use hand held e-business tools	other elective
elective	15	AHCCHM304A	Transport, handle and store chemicals	elective – group B
elective	20	AHCDRY201A	Milk livestock	other elective
elective	15	AHCDRG201A	Maintain drainage systems	other elective
elective	30	AHCDRG301A	Install drainage systems	other elective

Primary Industries Curriculum Framework – Certificate III in Horticulture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate III in Horticulture 2 core & 14 electives ▪ min 8 group A electives ▪ min 3 group A &/or B electives ▪ max 3 'other' electives
elective	15	AHCFAU201A	Recognise fauna	other elective
elective	15	HLTFA201A	Provide basic emergency life support	other elective
elective	20	HLTFA301B	Apply first aid	other elective
elective	20	AHCHBR201A	Monitor horse health and welfare	other elective
elective	25	AHCHBR202A	Handle young horses	other elective
elective	30	AHCHBR203A	Provide daily care for horses	other elective
elective	25	AHCHBR204A	Assist with mating procedures and parturition of horses	other elective
elective	15	AHCHBR302A	Carry out basic hoof care procedures	other elective
elective	30	AHCHBR304A	Educate, ride and care for horses and equipment	other elective
elective	25	AHCHBR306A	Prevent and treat equine injury and disease	other elective
elective	20	AHCHBR307A	Assess suitability of horses for stock work	other elective
elective	15	AHCILM201A	Maintain cultural places	other elective
elective	15	AHCILM202A	Observe and report plants and/or animals	other elective
elective	25	AHCILM203A	Record information about country	other elective
elective	30	AHCILM304A	Follow cultural protocols	other elective
elective	15	AHCINF201A	Carry out basic electric fencing operations	other elective
elective	15	AHCINF202A	Install, maintain and repair fencing	other elective
elective	20	AHCINF203A	Maintain properties and structures	other elective
elective	25	AHCINF302A	Plan and construct an electric fence	other elective
elective	20	AHCINF303A	Plan and construct conventional fencing	other elective
elective	20	AHCIRG201A	Assist with the operation of gravity fed irrigation	other elective
elective	20	AHCIRG202A	Assist with the operation of pressurised irrigation	other elective

Primary Industries Curriculum Framework – Certificate III in Horticulture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate III in Horticulture 2 core & 14 electives ▪ min 8 group A electives ▪ min 3 group A &/or B electives ▪ max 3 'other' electives
elective	15	AHCIRG204A	Lay irrigation and/or drainage pipes	other elective
elective	15	AHCIRG206A	Maintain pressurised irrigation systems	other elective
elective	30	AHCIRG302A	Install irrigation systems	elective – group B
elective	15	AHCIRG305A	Operate pressurised irrigation systems	elective – group B
elective	15	AHCLSC201A	Assist with landscape construction work	other elective
elective	20	AHCLSC202A	Construct low-profile timber or modular retaining walls	other elective
elective	20	AHCLSC203A	Install aggregate paths	other elective
elective	25	AHCLSC204A	Lay paving	other elective
elective	10	AHCLSC205A	Install tree protection devices	other elective
elective	35	AHCLSC301A	Set out site for construction works	elective – group A
elective	35	AHCLSC304A	Erect timber structures and features	elective – group A
elective	35	AHCLSC306A	Implement a paving project	elective – group A
elective	35	AHCLSC307A	Implement a retaining wall project	elective – group A
elective	15	AHCLSK201A	Assist with feeding in a production system	other elective
elective	15	AHCLSK203A	Carry out birthing duties	other elective
elective	10	AHCLSK204A	Carry out regular livestock observation	other elective
elective	15	AHCLSK205A	Handle livestock using basic techniques	other elective
elective	15	AHCLSK206A	Identify and mark livestock	other elective
elective	10	AHCLSK207A	Load and unload livestock	other elective
elective	15	AHCLSK208A	Monitor livestock to parturition	other elective
elective	10	AHCLSK209A	Monitor water supplies	other elective
elective	10	AHCLSK210A	Muster and move livestock	other elective

Primary Industries Curriculum Framework – Certificate III in Horticulture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate III in Horticulture 2 core & 14 electives ▪ min 8 group A electives ▪ min 3 group A &/or B electives ▪ max 3 'other' electives
elective	15	AHCLSK211A	Provide feed for livestock	other elective
elective	25	AHCLSK212A	Ride horses to carry out stock work	other elective
elective	15	AHCLSK301A	Administer medication to livestock	other elective
elective	15	AHCLSK303A	Carry out feedlot operations	other elective
elective	15	AHCLSK305A	Maintain livestock water supplies	other elective
elective	20	AHCLSK308A	Identify and draft livestock	other elective
elective	20	AHCLSK310A	Implement feeding plans for intensive production	other elective
elective	20	AHCLSK311A	Implement feeding plans for livestock	other elective
elective	25	AHCLSK312A	Coordinate artificial insemination and fertility management of livestock	other elective
elective	20	AHCLSK313A	Monitor livestock production growing environments	other elective
elective	20	AHCLSK314A	Prepare animals for parturition	other elective
elective	15	AHCLSK316A	Prepare livestock for competition	other elective
elective	20	AHCLSK317A	Plan to exhibit livestock	other elective
elective	25	AHCLSK318A	Rear newborn and young livestock	other elective
elective	15	AHCLSK323A	Maintain and monitor feed stocks	other elective
elective	20	AHCLSK324A	Care for and train working dogs	other elective
elective	20	AHCLSK329A	Implement procedures for calving	other elective
elective	20	AHCLSK331A	Comply with industry animal welfare requirements	other elective
elective	15	AHCMOM201A	Operate two wheel motorbikes	other elective
elective	20	AHCMOM202A	Operate tractors	other elective
elective	15	AHCMOM203A	Operate basic machinery and equipment	other elective

Primary Industries Curriculum Framework – Certificate III in Horticulture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate III in Horticulture 2 core & 14 electives ▪ min 8 group A electives ▪ min 3 group A &/or B electives ▪ max 3 'other' electives
elective	25	AHCMOM204A	Undertake operational maintenance of machinery	other elective
elective	15	AHCMOM212A	Operate quad bikes	other elective
elective	25	AHCMOM302A	Perform machinery maintenance	other elective
elective	20	AHCMOM304A	Operate machinery and equipment	elective – group B
elective	20	AHCMOM305A	Operate specialised machinery and equipment	other elective
elective	20	AHCMOM306A	Ground spread fertiliser and soil ameliorant	other elective
elective	15	AHCMOM308A	Operate broadacre and row crop harvest machinery and equipment	other elective
elective	15	AHCMOM309A	Operate broadacre sowing machinery and equipment	other elective
elective	15	AHCMOM311A	Operate precision control technology	other elective
elective	15	AHCMOM312A	Operate row crop planting and seeding machinery and equipment	other elective
elective	20	SIRXCCS001A	Apply point-of-sale handling procedures	other elective
elective	20	SIRXICT001A	Operate retail technology	other elective
elective	15	SIRXSLS001A	Sell products and services	other elective
elective	25	AHCNAR201A	Carry out natural area restoration works	other elective
elective	20	AHCNAR202A	Maintain wildlife habitat refuges	other elective
elective	20	FPIFGM2201A	Collect seed	other elective
elective	10	AHCNSY201A	Pot up plants	other elective
elective	15	AHCNSY202A	Tend nursery plants	other elective
elective	20	AHCNSY203A	Undertake propagation activities	other elective
elective	15	AHCNSY204A	Maintain indoor plants	other elective
elective	25	AHCNSY301A	Maintain nursery plants	elective – group A
elective	15	AHCNSY302A	Receive and dispatch nursery products	elective – group A

Primary Industries Curriculum Framework – Certificate III in Horticulture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate III in Horticulture <i>2 core & 14 electives</i> <ul style="list-style-type: none"> ▪ min 8 group A electives ▪ min 3 group A &/or B electives ▪ max 3 'other' electives
elective	25	AHCNSY303A	Install and maintain plant displays	elective – group A
elective	15	AHCPGD201A	Plant trees and shrubs	other elective
elective	15	AHCPGD202A	Prepare and maintain plant displays	other elective
elective	15	AHCPGD203A	Prune shrubs and small trees	other elective
elective	15	AHCPGD204A	Transplant small trees	other elective
elective	15	AHCPGD206A	Conduct visual inspection of park facilities	other elective
elective	10	AHCPMG201A	Treat weeds	other elective
elective	25	AHCPMG301A	Control weeds	elective – group A
elective	20	AHCPCM201A	Recognise plants	other elective
elective	15	AHCPCM202A	Collect, prepare and preserve plant specimens	other elective
elective	25	AHCPCM301A	Implement a plant nutrition program	elective – group A
elective	20	AHCPHT201A	Plant horticultural crops	other elective
elective	20	AHCPHT203A	Support horticultural crop harvesting	other elective
elective	20	AHCPHT205A	Carry out postharvest operations	other elective
elective	20	AHCSHG201A	Crutch sheep	other elective
elective	15	AHCSHG202A	Assist in preparing for shearing and crutching	other elective
elective	40	AHCSHG203A	Shear sheep to novice level	other elective
elective	40	AHCSHG204A	Shear sheep to improver level	other elective
elective	10	AHCSHG205A	Grind combs and cutters for machine shearing	other elective
elective	10	AHCSHG206A	Prepare handpiece and downtube for machine shearing	other elective
elective	15	AHCSOL201A	Determine basic properties of soil and/or growing media	other elective
elective	20	AHCSOL301A	Prepare growing media	elective – group A

Primary Industries Curriculum Framework – Certificate III in Horticulture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate III in Horticulture 2 core & 14 electives ▪ min 8 group A electives ▪ min 3 group A &/or B electives ▪ max 3 'other' electives
elective	20	AHCSOL401A	Sample soils and interpret results	other elective
elective	15	AHCSAW201A	Conduct erosion and sediment control activities	other elective
elective	20	AHCTRF201A	Assist with turf construction	other elective
elective	25	AHCTRF202A	Prepare turf surfaces for play	other elective
elective	20	AHCTRF203A	Renovate grassed areas	other elective
elective	30	AHCTRF204A	Support turf establishment	other elective
elective	45	AHCTRF301A	Construct turf playing surfaces	elective – group A
elective	30	AHCTRF302A	Establish turf	elective – group A
elective	25	AHCTRF303A	Implement a grassed area maintenance program	elective – group A
elective	25	AHCTRF304A	Monitor turf health	elective – group A
elective	25	AHCTRF305A	Renovate sports turf	elective – group A
elective	15	AHCWOL201A	Pen sheep	other elective
elective	20	AHCWOL202A	Perform board duties	other elective
elective	15	AHCWOL203A	Carry out wool pressing	other elective
elective	15	AHCWRK202A	Observe environmental work practices	other elective
elective	10	AHCWRK205A	Participate in workplace communications	other elective
elective	15	AHCWRK206A	Observe enterprise quality assurance procedures	other elective
elective	10	AHCWRK207A	Collect and record production data	other elective
elective	15	AHCWRK208A	Provide information on products and services	other elective
elective	20	AHCWRK303A	Respond to emergencies	other elective
elective	20	AHCWRK305A	Coordinate work site activities	elective – group B
elective	20	AHCWRK306A	Comply with industry quality assurance requirements	other elective

Primary Industries Curriculum Framework – Certificate III in Horticulture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate III in Horticulture <i>2 core & 14 electives</i> <ul style="list-style-type: none"> ▪ <i>min 8 group A electives</i> ▪ <i>min 3 group A &/or B electives</i> ▪ <i>max 3 'other' electives</i>
elective	10	TLID107C	Shift materials safely using manual handling methods	other elective
elective	20	CPPDSM4068A	Prepare livestock for sale at saleyards	other elective

Minimum requirements for Certificate III in Horticulture (AHC30710)

The following pages outline the qualification packaging rules for the AQF VET qualification AHC30710. This information is reproduced directly from the *Agriculture, Horticulture and Conservation and Land Management Training Package (AHC10)*. It is included so that the minimum requirements for achieving the industry qualification are clear. Students who meet these requirements will be eligible for the relevant AQF VET Certificate, whether or not they have met the additional requirements of the HSC course.

A Statement of Attainment will be issued for achievement of single or multiple units of competency. At a later date, a person can undertake further skill development or training and be assessed against additional competencies until they have achieved all the competencies required for an AQF VET qualification. RTOs must recognise and give credit for the competencies recorded on a Statement of Attainment.

Please note: Only the shaded units of competency are available in the Primary Industries Curriculum Framework. HSC course requirements are outlined in [Section 2 of the Syllabus](#).

AHC30710 Certificate III in Horticulture

Description

This qualification provides a general vocational outcome in amenity horticulture. It is not a suitable pathway for horticultural trades.

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 any of the specialist qualifications at Certificate IV.

Job roles

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

- horticulturist
- gardener

Licensing/regulatory information

Not applicable.

Entry requirements

There are no entry requirements for this qualification.

Packaging rules

Completion of sixteen (16) units made up of two (2) core units and fourteen (14) elective units.

Elective units

- a minimum of eight (8) units must come from elective group A
- a minimum of three (3) units must come from elective groups A or B
- a maximum of three (3) units may be selected from units aligned to Certificates II, III or IV in AHC10 or from any other currently endorsed training package or accredited course. Selected units must meet job outcomes relevant to horticulture.

Core units

Occupational health and safety

AHCOHS301A	Contribute to OHS processes
------------	-----------------------------

Work

AHCWRK313A	Implement and monitor environmentally sustainable work practices
------------	--

Elective Group A

Plants

AHCPCM301A	Implement a plant nutrition program
------------	-------------------------------------

AHCPCM302A	Provide information on plants and their culture
------------	---

AHCPCM303A	Identify plant specimens
------------	--------------------------

Pest management

AHCPMG301A	Control weeds
------------	---------------

AHCPMG302A	Control plant pests, diseases and disorders
------------	---

Soils and media

AHCSOL301A	Prepare growing media
------------	-----------------------

AHCSOL302A	Construct a soil profile
------------	--------------------------

Arboriculture

AHCARB301A	Implement a tree maintenance program
------------	--------------------------------------

AHCARB302A	Conduct tree inspections
------------	--------------------------

AHCARB303A	Implement a tree pruning program
------------	----------------------------------

AHCARB304A	Fell trees with advanced techniques
------------	-------------------------------------

AHCARB305A	Remove trees in confined spaces
------------	---------------------------------

AHCARB306A	Undertake aerial rescue
------------	-------------------------

AHCARB307A	Undertake complex tree climbing
------------	---------------------------------

AHCARB308A	Install cable and bracing
------------	---------------------------

AHCARB309A	Implement a tree protection program
------------	-------------------------------------

FPIFGM3205A	Fall trees manually (advanced)
-------------	--------------------------------

Landscape

AHCLSC301A	Set out site for construction works
AHCLSC302A	Construct landscape features using concrete
AHCLSC303A	Construct brick and or block structures and features
AHCLSC304A	Erect timber structures and features
AHCLSC305A	Construct stone structures and features
AHCLSC306A	Implement a paving project
AHCLSC307A	Implement a retaining wall project
AHCLSC308A	Install metal structures and features
AHCLSC309A	Install water features
AHCLSC310A	Implement a tree transplanting program

Nursery

AHCNSY301A	Maintain nursery plants
AHCNSY302A	Receive and dispatch nursery products
AHCNSY303A	Install and maintain plant displays
AHCNSY304A	Deliver and promote sales of plants
AHCNSY305A	Prepare specialised plants
AHCNSY306A	Implement a propagation plan
AHCNSY307A	Operate fertigation equipment

Parks and gardens

AHCPGD301A	Implement a plant establishment program
AHCPGD302A	Plan and maintain plant displays
AHCPGD303A	Perform specialist amenity pruning
AHCPGD304A	Implement a landscape maintenance program
AHCPGD305A	Conduct operational inspection of park facilities
AHCPGD306A	Implement a maintenance program for an aquatic environment

Turf

AHCTRF301A	Construct turf playing surfaces
AHCTRF302A	Establish turf
AHCTRF303A	Implement a grassed area maintenance program
AHCTRF304A	Monitor turf health
AHCTRF305A	Renovate sports turf

Elective Group B

Biosecurity

AHC BIO301A	Work effectively in an emergency disease or plant pest response
AHC BIO302A	Identify and report unusual disease or plant pest signs

AHCBIO303A	Carry out emergency disease or plant pest control procedures at infected premises
AHCBIO304A	Carry out movement and security procedures
AHCBIO305A	Monitor and review biosecurity measures

Chemicals

AHCCHM303A	Prepare and apply chemicals
AHCCHM304A	Transport, handle and store chemicals

Irrigation

AHCIRG301A	Implement a maintenance program for an irrigation system
AHCIRG302A	Install irrigation systems
AHCIRG303A	Measure irrigation delivery system performance
AHCIRG305A	Operate pressurised irrigation systems
AHCIRG306A	Troubleshoot irrigation systems

Machinery operation and maintenance

AHCMOM304A	Operate machinery and equipment
------------	---------------------------------

Water

AHCWAT301A	Monitor and operate water treatment processes
------------	---

Work

AHCWRK305A	Coordinate work site activities
RIIOHS302A	Implement traffic management plan

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 • Interpreting the needs of internal/external customers • Applying numeracy skills to workplace requirements
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
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
Initiative and enterprise	<ul style="list-style-type: none"> • Adapting to new situations
Planning and organising	<ul style="list-style-type: none"> • Collecting, analysing and organising information • Taking initiative and making decisions within workplace role • Managing time and priorities
Self-management	<ul style="list-style-type: none"> • Taking responsibility at the appropriate level
Learning	<ul style="list-style-type: none"> • Participating in ongoing learning • Learning new skills and techniques
Technology	<ul style="list-style-type: none"> • Using technology and related workplace equipment • Using basic technology skills • Applying OHS knowledge when using technology