

Victorian Purchasing Guide

AHC - Agriculture, Horticulture and Conservation and
Land Management Training Package

Release 8.0

September 2022



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Victorian Purchasing Guide - Release History

Note: RTOs should refer to the [National Register](#) for the detail of changes in each Release.

Training Package Release	Date VPG Approved	Comments
Release 8.0	21 September 2022	<p>Release 8.0 includes components from the Skills Impact Water Allocation and Entitlement Project.</p> <p>2 revised Qualifications</p> <ul style="list-style-type: none"> AHC32422 Certificate III in Irrigation Technology AHC51422 Diploma of Agribusiness Management <p>3 new units of competency</p> <ul style="list-style-type: none"> AHCWAT303 Access, extract and monitor water for irrigation AHCWAT505 Purchase and sell temporary water for irrigated agriculture and horticulture AHCWAT506 Identify carryover water or continuous accounting <p>Skill Sets (non-endorsed)</p> <ul style="list-style-type: none"> 2 new
Release 7.0	12 April 2022	<p>Release 7.0 includes the components from six Skills Impact Projects.</p> <p>Parts 1 – 4: Crops, Pastures and Seeds, Dairy and Milk Harvesting, Landscape Construction and Design and Parks and Gardens.</p> <p>Qualifications</p> <ul style="list-style-type: none"> 8 revised 1 new 7 deleted 1 minor update (non-endorsed) <p>Units of competency</p> <ul style="list-style-type: none"> 79 revised 16 merged 10 new 14 deleted <p>Skill sets (non-endorsed)</p> <ul style="list-style-type: none"> 2 new 4 deleted <p>Part 5: Animal Reproduction</p> <p>Qualifications</p> <ul style="list-style-type: none"> 1 deleted 2 revised with minor updates (non-endorsed component) <p>Units of competency</p> <ul style="list-style-type: none"> 21 reviewed 1 deleted



Training Package Release	Date VPG Approved	Comments
		<p>Skill set (non-endorsed)</p> <ul style="list-style-type: none"> 1 revised <p>Part 6: Rehabilitation of Mined Land</p> <p>Qualification</p> <ul style="list-style-type: none"> 1 revised <p>Skill sets</p> <ul style="list-style-type: none"> 4 new (non-endorsed) <p>This release also includes the deletion of unused training products following the implementation of the Streamlining and Prioritisation Framework reflected in AHC Training Package Releases 6.1 and 6.2 and components.</p>
Release 6.0	16 March 2021	<p>Release 6.0 includes the components from seven Skills Impact Projects - Agronomy, Sales and Merchandising, Agriculture Biosecurity and Emergency Response, Conservation and Land Management, Medicinal Crops, Green Walls and Rooftop Gardens, and Nursery and Production Horticulture.</p> <p>Qualifications</p> <ul style="list-style-type: none"> 2 new <ul style="list-style-type: none"> AHC33920 Certificate III in Medicinal Cannabis Cultivation and Production AHC42320 Certificate IV in Medicinal Cannabis Cultivation and Production 10 revised 4 Conservation and Land Management merged into 1 <ul style="list-style-type: none"> AHC31420 Certificate III in Conservation and Ecosystem Management 10 Nursery and Production Horticulture merged into 5 <ul style="list-style-type: none"> AHC20320 Certificate II in Production Horticulture AHC20720 Certificate II in Nursery Operations AHC30620 Certificate III in Production Horticulture AHC31120 Certificate III in Nursery Operations AHC40620 Certificate IV in Nursery Operations 1 deleted <ul style="list-style-type: none"> AHC50916 Diploma of Retail Nursery Management <p>Units of competency</p> <ul style="list-style-type: none"> 39 new 165 revised 2 deleted <ul style="list-style-type: none"> AHCNRM401 Plan and implement a biosecurity program AHCNRM507 Manipulate and analyse data within geographic information systems 1 reinstated - AHCEXP303 Prepare and use explosives



Training Package Release	Date VPG Approved	Comments
Release 5.0	29 September 2020	<p>Release 5.0 includes components from the Skills Impact Arboriculture Project.</p> <p>Qualifications</p> <ul style="list-style-type: none"> • 5 revised • 1 deleted <ul style="list-style-type: none"> ○ <i>AHC41916 Certificate IV in Arboriculture</i> <p>Units of competency</p> <ul style="list-style-type: none"> • 2 new • 37 revised • 3 deleted <p>Skill sets</p> <ul style="list-style-type: none"> • 3 new (non-endorsed)
Release 4.0	29 November 2019	<p>Release 4.0 includes components from six Skills Impact Projects - Agribusiness, Carbon Farming, Irrigation, Protected Horticulture, Sports Turf and Viticulture.</p> <p>Qualifications</p> <ul style="list-style-type: none"> • 3 new • 11 revised <p>Units of competency</p> <ul style="list-style-type: none"> • 16 new • 114 revised
Release 3.0	1 May 2019	<p>Release 3.0 includes components from four Skills Impact Projects - Agricultural Machinery, Beekeeping, Chemical Handling and Pest Management.</p> <p>Qualifications</p> <ul style="list-style-type: none"> • 3 revised <ul style="list-style-type: none"> ○ <i>AHC30318 Certificate III in Rural and Environmental Pest Management</i> ○ <i>AHC31818 Certificate III in Beekeeping</i> ○ <i>AHC31918 Certificate III in Rural Machinery Operations</i> <p>Units of competency</p> <ul style="list-style-type: none"> • 6 new • 19 revised <p>For detailed mapping of qualifications and units between AHC Release 2 and AHC Release 3, please refer to the AHC Training Package Release 3 Implementation and Companion Guides here</p>
Release 2.0	6 February 2018	<p>Release 2.0 includes updates to 4 units of competency relating to safety in equine training.</p>



Training Package Release	Date VPG Approved	Comments
		<ul style="list-style-type: none"> AHCLSK330A updated code title and changed to <i>ACMHBR312 Carry out procedures for foaling down mares</i> – moved to ACM Training Package. AHCLSK218 Ride educated horses to carry out basic stock work – minor changes to wording to clarify safety AHCLSK336 Educate, care and ride horses for stock work - code and title changed to <i>AHCLSK337 Train, care for, and ride horses for stock work</i>- assessment requirements changed to clarify safety requirements AHCLSK417 Manage horses for stock work - changes to wording to clarify safety, additions to performance evidence requirements.
Release 1.0	18 October 2016	Primary release of AHC Agriculture, Horticulture and Conservation and Ecosystem Management Training Package this was endorsed in March 2016 and published on Training.gov.au in June 2016.

Contents

Introduction.....	1
What is a Victorian Purchasing Guide?	1
Registration	1
Transition.....	1
Qualifications.....	2
Units of Competency and Nominal Hours	7
Contacts and Links	48
Glossary	51

Introduction

What is a Victorian Purchasing Guide?

The Victorian Purchasing Guide provides information for use by Registered Training Organisations (RTOs) in the provision of Victorian government subsidised training.

Specifically, the Victorian Purchasing Guide provides the following information related to the delivery of nationally endorsed Training Packages in Victoria:

- The maximum and minimum payable hours available for each qualification.
- Nominal hours for each unit of competency within the Training Package.

Registration

RTOs must be registered by either the Victorian Registration and Qualifications Authority (VRQA) or the Australian Skills Qualification Authority (ASQA) regulatory body to be eligible to issue qualifications and Statements of Attainment under the Australian Qualifications Framework (AQF).

The VRQA is the regulatory authority in Victoria responsible for the registration of Vocational Education and Training (VET) providers who offer courses to domestic students in Victoria only.

ASQA is the regulatory authority responsible for the registration of VET providers who offer training in Victoria, nationally and / or internationally.

Transition

The relationship between new units and any superseded or replaced units from the previous version of AHC - Agriculture, Horticulture and Conservation and Land Management Training Package Release 8.0 is provided in the Training Package Companion Volume Implementation Guide. (See VETnet.gov.au for more information).

Information regarding transition arrangements can be obtained from the state or national VET Regulatory Authority (see Contacts and Links section).

RTOs must ensure that all training and assessment leading to issuance of qualifications or Statements of Attainment from the AHC - Agriculture, Horticulture and Conservation and Land Management Training Package Release 8.0 is conducted against the Training Package units of competency and complies with the assessment requirements.

Qualifications

Code	Title	Minimum Payable Hours	Maximum Payable Hours
AHC10120	Certificate I in Conservation and Ecosystem Management	140	150
AHC10216	Certificate I in AgriFood Operations	95	100
AHC10316	Certificate I in Horticulture	85	90
AHC10416	Certificate I in Permaculture	128	135
AHC20116	Certificate II in Agriculture	780	820
AHC20320	Certificate II in Production Horticulture	400	420
AHC20416	Certificate II in Horticulture	520	550
AHC20520	Certificate II in Arboriculture	430	450
AHC20621	Certificate II in Parks and Gardens	447	470
AHC20720	Certificate II in Nursery Operations	455	480
AHC20919	Certificate II in Sports Turf Management	265	280
AHC21020	Certificate II in Conservation and Ecosystem Management	550	580
AHC21119	Certificate II in Irrigation	445	470
AHC21216	Certificate II in Rural Operations	540	566
AHC21316	Certificate II in Shearing	340	360
AHC21416	Certificate II in Wool Handling	209	220
AHC21621	Certificate II in Landscaping	499	525
AHC21716	Certificate II in Permaculture	410	430
AHC21819	Certificate II in Protected Horticulture	360	380
AHC30116	Certificate III in Agriculture	1235	1300

Code	Title	Minimum Payable Hours	Maximum Payable Hours
AHC30221	Certificate III in Dairy Production	1007	1060
AHC30318	Certificate III in Rural and Environmental Pest Management	940	990
AHC30416	Certificate III in Pork Production	910	960
AHC30516	Certificate III in Poultry Production	836	880
AHC30620	Certificate III in Production Horticulture	880	930
AHC30716	Certificate III in Horticulture	969	1020
AHC30820	Certificate III in Arboriculture	1170	1230
AHC30921	Certificate III in Landscape Construction	1150	1210
AHC31021	Certificate III in Parks and Gardens	1002	1055
AHC31120	Certificate III in Nursery Operations	950	1000
AHC31319	Certificate III in Sports Turf Management	1360	1430
AHC31421	Certificate III in Conservation and Ecosystem Management	1064	1120
AHC31516	Certificate III in Indigenous Land Management	920	970
AHC31818	Certificate III in Beekeeping	675	710
AHC32216	Certificate III in Commercial Composting	620	650
AHC32422	Certificate III in Irrigation Technology	1245	1310
AHC32516	Certificate III in Aboriginal Sites Work	695	730
AHC32720	Certificate III in Rural Merchandising	610	645
AHC32816	Certificate III in Rural Operations	960	1010
AHC32916	Certificate III in Shearing	645	680
AHC33016	Certificate III in Wool Clip Preparation	1085	1143

Code	Title	Minimum Payable Hours	Maximum Payable Hours
AHC33116	Certificate III in Advanced Wool Handling	465	490
AHC33316	Certificate III in Feedlot Operations	920	970
AHC33719	Certificate III in Protected Horticulture	760	800
AHC33816	Certificate III in Permaculture	695	730
AHC33920	Certificate III in Medicinal Cannabis Cultivation and Production	855	900
AHC40116	Certificate IV in Agriculture	1215	1280
AHC40219	Certificate IV in Protected Horticulture	1225	1290
AHC40320	Certificate IV in Production Horticulture	1030	1080
AHC40416	Certificate IV in Horticulture	1045	1100
AHC40620	Certificate IV in Nursery Operations	1150	1210
AHC40920	Certificate IV in Conservation and Ecosystem Management	1010	1065
AHC41019	Certificate IV in Agribusiness	900	950
AHC41119	Certificate IV in Irrigation Management	835	880
AHC41316	Certificate IV in Wool Classing	1140	1203
AHC41616	Certificate IV in Organic Farming	1000	1055
AHC41720	Certificate IV in Pest Management	960	1010
AHC42021	Certificate IV in Landscape Construction Management	931	980
AHC42116	Certificate IV in Permaculture	770	810
AHC42320	Certificate IV in Medicinal Cannabis Cultivation and Production	1205	1270
AHC42421	Certificate IV in Landscape Design	850	895

Code	Title	Minimum Payable Hours	Maximum Payable Hours
AHC50116	Diploma of Agriculture	1425	1500
AHC50320	Diploma of Production Horticulture	1180	1240
AHC50416	Diploma of Horticulture	1435	1510
AHC50520	Diploma of Arboriculture	1100	1160
AHC50621	Diploma of Landscape Design	1406	1480
AHC50820	Diploma of Nursery Management	1040	1095
AHC51019	Diploma of Sports Turf Management	1505	1585
AHC51120	Diploma of Conservation and Ecosystem Management	1530	1610
AHC51216	Diploma of Community Coordination and Facilitation	1074	1130
AHC51316	Diploma of Pest Management	1100	1160
AHC51422	Diploma of Agribusiness Management	1150	1210
AHC51519	Diploma of Viticulture	1205	1270
AHC51619	Diploma of Irrigation Design	1140	1200
AHC51816	Diploma of Organic Farming	1180	1240
AHC51920	Diploma of Applied Agronomy	1245	1310
AHC52021	Diploma of Landscape Construction Management	1140	1200
AHC52116	Diploma of Permaculture	1215	1280
AHC60216	Advanced Diploma of Horticulture	1850	1950
AHC60319	Advanced Diploma of Agribusiness Management	1530	1610
AHC60415	Advanced Diploma of Conservation and Land Management	1425	1500
AHC60520	Advanced Diploma of Arboriculture	1075	1130

Code	Title	Minimum Payable Hours	Maximum Payable Hours
AHC80120	Graduate Diploma of Arboriculture	590	620

Units of Competency and Nominal Hours

Unit Code	Unit Title	Nominal Hours
AHCAGB302	Keep production records for a primary production business	60
AHCAGB404	Plan and implement infrastructure improvements	80
AHCAGB405	Analyse and interpret production data	100
AHCAGB406	Keep financial records for primary production business	60
AHCAGB512	Plan and manage infrastructure	80
AHCAGB513	Develop a farm plan	120
AHCAGB514	Manage application of agents to crops or pastures	100
AHCAGB515	Develop sustainable agricultural practices that utilise renewable energy and recycling systems	60
AHCAGB516	Select and implement a GIS for sustainable agricultural systems	60
AHCAGB517	Develop and manage a plan for sustainable production	80
AHCAGB518	Develop climate risk management strategies	120
AHCAGB519	Plan and monitor production processes	120
AHCAGB520	Plan production for the whole business	180
AHCAGB521	Select and use agricultural technology	100
AHCAGB522	Implement the introduction of biotechnology into the production system	100
AHCAGB523	Interpret and use agricultural data	100
AHCAGB607	Manage succession planning	200
AHCAGB608	Manage financial resources	240
AHCAGB609	Develop export markets for produce	200
AHCAGB610	Manage the production system	260

Unit Code	Unit Title	Nominal Hours
AHCAGB611	Analyse business performance	200
AHCAGB612	Manage price risk through trading strategy	200
AHCAIS202	Assist with artificial insemination procedures	20
AHCAIS301	Collect semen	30
AHCAIS302	Process and store semen	40
AHCAIS304	Artificially inseminate livestock	80
AHCAIS402	Supervise artificial breeding and embryo transfer programs	80
AHCARB211	Apply treatments to trees	30
AHCARB212	Operate and maintain stump grinding machines	10
AHCARB213	Perform ground-based rigging	60
AHCARB214	Recognise trees	40
AHCARB314	Implement a tree maintenance program	40
AHCARB315	Inspect trees for access and work	80
AHCARB316	Perform pruning operations	80
AHCARB317	Dismantle trees	130
AHCARB318	Undertake aerial rescue	60
AHCARB319	Use arborist climbing techniques	120
AHCARB320	Install tree support systems	60
AHCARB321	Implement a tree protection program	30
AHCARB322	Access trees for inspection	40
AHCARB323	Identify trees	90
AHCARB324	Use cranes to access and dismantle trees	100

Unit Code	Unit Title	Nominal Hours
AHCARB325	Manage trees to create and maintain habitat refuges	80
AHCARB406	Verify pruning specifications	120
AHCARB407	Supervise and audit tree operations	100
AHCARB408	Perform a ground-based tree defect evaluation	100
AHCARB409	Conduct a safety audit	80
AHCARB508	Identify, select and specify trees	120
AHCARB509	Develop an arboricultural impact assessment report	90
AHCARB510	Specify and audit tree work	100
AHCARB511	Prepare arborist reports	90
AHCARB512	Generate tree plans using computer-aided design software	60
AHCARB513	Examine and assess trees	120
AHCARB514	Diagnose tree diseases	120
AHCARB608	Interpret diagnostic test results	100
AHCARB609	Measure and improve the performance of urban forests	120
AHCARB610	Provide consultation in a legal framework	80
AHCARB611	Develop an operational tree management plan	100
AHCARB612	Review and develop strategic tree policy	120
AHCARB804	Analyse tree structure and biomechanics	80
AHCARB805	Perform mycology assays	60
AHCARB806	Research urban forest performance	80
AHCARB807	Conduct an entomology research project	100
AHCARB808	Contextualise diagnostic tests	60

Unit Code	Unit Title	Nominal Hours
AHCARB809	Develop an urban forest management framework	120
AHCARB810	Analyse edaphic interactions of trees and structures	120
AHCASW301	Protect places of Aboriginal cultural significance	70
AHCASW302	Relate Aboriginal culture to sites work	50
AHCASW303	Identify and record Aboriginal sites, objects and cultural landscapes	60
AHCASW304	Identify Indigenous culturally significant plants	50
AHCASW305	Work with Aboriginal ceremonial secret sacred materials	30
AHCASW306	Use technology in Aboriginal sites work	40
AHCASW307	Support the documentation of Aboriginal cultural landscapes	40
AHCASW308	Apply cultural significance to Aboriginal sites and landscapes	30
AHCASW309	Interpret Aboriginal cultural landscape	30
AHCASW310	Move and store Aboriginal cultural material	30
AHCASW312	Maintain an Aboriginal cultural site	40
AHCASW313	Apply knowledge of relevant legislation to Aboriginal sites work	40
AHCASW501	Survey and report on Aboriginal cultural sites	60
AHCBAC102	Support agricultural crop work	15
AHCBAC205	Assist agricultural crop establishment	60
AHCBAC206	Assist agricultural crop maintenance	40
AHCBAC207	Assist agricultural crop harvesting	60
AHCBAC208	Prepare grain storages	40
AHCBAC309	Undertake preparation of land for agricultural crop production	60
AHCBAC310	Maintain pastures and crops for livestock production	60

Unit Code	Unit Title	Nominal Hours
AHCBAC311	Conserve forage	80
AHCBAC312	Test and grade grains and seeds on receipt	40
AHCBAC313	Establish pastures and crops for livestock production	80
AHCBAC314	Prepare to receive grains and seeds	40
AHCBAC315	Establish agricultural crops	60
AHCBAC316	Maintain agricultural crops	40
AHCBAC317	Undertake agricultural crop harvesting activities	80
AHCBAC409	Provide advice on agronomic products	50
AHCBAC410	Plan and implement a pasture establishment program	120
AHCBAC411	Manage pastures for livestock production	120
AHCBAC412	Supervise agricultural crop establishment	60
AHCBAC413	Plan and implement agricultural crop maintenance	80
AHCBAC414	Supervise agricultural crop harvesting	80
AHCBAC415	Maintain grain quality in storage	40
AHCBAC416	Save, prepare and store agricultural seed	30
AHCBAC417	Manage agricultural crop production	120
AHCBAC509	Plan and manage long-term weed, pest and disease control in crops	130
AHCBAC510	Manage integrated crop and pasture production	120
AHCBAC511	Plan and manage a stored grain program	100
AHCBAC512	Develop production plans for crops or pastures	140
AHCBAC513	Apply plant biology to agronomic practices	90
AHCBAC514	Design and manage a crop or pasture nutrition program	120

Unit Code	Unit Title	Nominal Hours
AHCBAC515	Manage forage conservation	120
AHCBAC516	Manage the harvest of crops	130
AHCBEK203	Open and reassemble a beehive	20
AHCBEK205	Prepare and use a bee smoker	10
AHCBEK206	Assemble and maintain beekeeping components	25
AHCBEK301	Manage honey bee swarms	15
AHCBEK302	Manipulate honey bee brood	30
AHCBEK303	Re-queen a honey bee colony	30
AHCBEK304	Remove a honey crop from a hive	20
AHCBEK307	Collect and store propolis	15
AHCBEK308	Produce and harvest royal jelly	30
AHCBEK309	Trap and store pollen	15
AHCBEK310	Process raw wax into moulds	20
AHCBEK311	Transport bee hives by road to new apiary site	50
AHCBEK312	Extract honey	20
AHCBEK313	Manage pests and disease within a honey bee colony	60
AHCBEK402	Perform queen bee artificial insemination	60
AHCBEK405	Select and establish an apiary site	50
AHCBEK408	Provide bee pollination services	20
AHCBEK409	Rear queen bees	50
AHCBER302	Work effectively in a biosecurity emergency response	50
AHCBER305	Carry out emergency disease or pest control procedures on infected premises	50

Unit Code	Unit Title	Nominal Hours
AHCBER306	Carry out movement and security procedures	50
AHCBER403	Plan and supervise control activities on infected premises	80
AHCBER404	Conduct field surveillance for a biosecurity emergency response	100
AHCBER503	Manage active operational emergency disease or pest sites	120
AHCBER504	Manage the implementation of a biosecurity emergency control program	120
AHCBER602	Plan and oversee a biosecurity emergency incident	200
AHCBIO203	Inspect and clean machinery, tools and equipment to preserve biosecurity	20
AHCBIO204	Follow site biosecurity procedures	20
AHCBIO301	Identify and report signs of unusual disease or pest	50
AHCBIO303	Apply biosecurity measures	100
AHCBIO401	Plan and implement a biosecurity program	120
AHCBUS301	Use hand held e-business tools	70
AHCBUS406	Administer finance, insurance and legal requirements	120
AHCBUS407	Cost a project	50
AHCBUS408	Operate within a budget framework	50
AHCBUS409	Participate in an e-business supply chain	90
AHCBUS511	Manage enterprise staff requirements	140
AHCBUS512	Develop and implement family business structures and relationships	70
AHCBUS513	Market products and services	120
AHCBUS514	Negotiate and monitor contracts	120
AHCBUS515	Prepare estimates, quotes and tenders	120

Unit Code	Unit Title	Nominal Hours
AHCBUS516	Develop and review a business plan	150
AHCBUS517	Monitor and review business performance	120
AHCBUS518	Prepare and monitor budgets and financial reports	140
AHCBUS609	Develop and review an enterprise strategic plan	250
AHCBUS610	Manage agribusiness risk	200
AHCBUS611	Manage capital works	220
AHCBUS612	Review land management plans and strategies	250
AHCBUS613	Manage human resources	220
AHCBUS614	Develop a monitoring, evaluation and reporting program	200
AHCBUS615	Implement a monitoring, evaluation and reporting program	200
AHCCCF401	Prepare project acquittal	80
AHCCCF402	Report on project	60
AHCCCF403	Obtain and manage sponsorship	60
AHCCCF404	Contribute to association governance	60
AHCCCF405	Develop community networks	40
AHCCCF406	Facilitate ongoing group development	60
AHCCCF407	Obtain resources from community and groups	60
AHCCCF408	Promote community programs	60
AHCCCF409	Participate in assessments of project submissions	40
AHCCCF410	Support individuals in resource management change processes	80
AHCCCF411	Develop approaches to include cultural and human diversity	40
AHCCCF415	Coordinate social events to support group purposes	40

Unit Code	Unit Title	Nominal Hours
AHCCCF416	Present proposed courses of action to meeting	40
AHCCCF501	Evaluate project submissions	80
AHCCCF502	Facilitate development of group goals and projects	150
AHCCCF503	Promote group formation and development	100
AHCCCF504	Support group and community changes in resource management	100
AHCCCF505	Contribute to regional planning process	120
AHCCCF506	Manage the incorporation of a group	100
AHCCCF601	Coordinate the development of regional plans	200
AHCCFP301	Identify the effects of climate change as a factor in land management	60
AHCCFP401	Increase soil organic carbon using land management practices	90
AHCCFP402	Prepare to comply with measuring and modelling requirements of carbon farming methods	100
AHCCFP403	Identify opportunities and risks in carbon farming projects	100
AHCCFP404	Plan a land-based carbon farming project	140
AHCCFP405	Increase carbon using vegetation and/or agricultural methods	90
AHCCFP501	Advise on carbon farming project planning and implementation	120
AHCCHM101	Follow basic chemical safety rules	10
AHCCHM201	Apply chemicals under supervision	30
AHCCHM304	Transport and store chemicals	50
AHCCHM306	Prepare and apply chemicals for hand held application equipment	60
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases	70
AHCCHM308	Use application equipment to apply fumigant in confined spaces	100
AHCCHM309	Fumigate soil	60

Unit Code	Unit Title	Nominal Hours
AHCCHM310	Conduct manual fumigation of vertebrate and invertebrate pests	100
AHCCHM403	Prepare safe operating procedures for calibration of equipment	20
AHCCHM404	Develop procedures to minimise risks in the use of chemicals	60
AHCCHM405	Plan and implement a chemical use program	90
AHCCHM406	Provide advice and sell farm chemicals	70
AHCCHM501	Develop and manage a chemical use strategy	80
AHCCMN102	Apply effective work practices	35
AHCCMN201	Contribute to animal care through work activities	40
AHCCMN202	Contribute to work activities to produce food	40
AHCCOM201	Assess and receive raw materials for composting	50
AHCCOM202	Recognise and respond to fire emergencies on a composting site	30
AHCCOM203	Recognise raw materials, production processes and products on a composting site	20
AHCCOM301	Operate compost processing plant, machinery and equipment	70
AHCCOM401	Develop a composting recipe	100
AHCCOM402	Plan and schedule compost production	80
AHCDES401	Apply construction techniques to landscape design	50
AHCDES402	Apply sustainability principles to landscape design	70
AHCDES403	Develop landscape designs	130
AHCDES404	Prepare simple landscape drawings	50
AHCDES405	Produce 2-D landscape drawings using CAD software	40
AHCDES505	Prepare a landscape design	240
AHCDES506	Design for construction of landscape features	100

Unit Code	Unit Title	Nominal Hours
AHCDES507	Produce drawings for landscape design projects using CAD software	60
AHCDES508	Design sustainable landscapes	80
AHCDES509	Assess landscape sites	110
AHCDRG202	Maintain drainage systems	20
AHCDRG305	Install drainage systems	50
AHCDRG306	Measure drainage system performance	70
AHCDRG307	Troubleshoot drainage systems	30
AHCDRG308	Maintain and repair irrigation drainage systems	60
AHCDRG403	Coordinate and supervise installation of an irrigation drainage system	80
AHCDRG404	Monitor and control irrigation drainage systems	80
AHCDRG502	Design drainage systems	120
AHCDRY202	Milk livestock	30
AHCDRY303	Coordinate and monitor milking operations	30
AHCDRY304	Carry out routine service of milking equipment	40
AHCDRY305	Conduct mechanical tests on milking machines	150
AHCDRY306	Operate a dairy waste utilisation system	40
AHCDRY402	Manage milking shed operations	90
AHCECR101	Support ecological restoration	15
AHCECR102	Support native seed collection	80
AHCECR201	Capture digital media for fieldwork	30
AHCECR202	Maintain wildlife habitat refuges	40
AHCECR203	Perform basic ecological restoration works	40

Unit Code	Unit Title	Nominal Hours
AHCECR301	Maintain native ecosystem areas	80
AHCECR302	Collect and preserve biological samples	80
AHCECR303	Implement biological reintroduction works	80
AHCECR304	Undertake direct seeding	80
AHCECR305	Collect native seed	40
AHCECR306	Conduct photography for fieldwork	20
AHCECR307	Read and interpret maps	40
AHCECR308	Conduct a site inspection for ecological restoration	80
AHCECR309	Conduct an ecological and cultural site inspection prior to works	100
AHCECR310	Implement assisted regeneration works	70
AHCECR311	Implement ecosystem reconstruction works	90
AHCECR401	Supervise ecological restoration works	80
AHCECR402	Plan the implementation of revegetation works	80
AHCECR501	Manage natural areas on a rural property	80
AHCECR502	Conduct biological surveys	200
AHCECR503	Design an ecological restoration project	200
AHCECR504	Manage implementation of ecological restoration programs	200
AHCECR505	Plan river restoration works	150
AHCECR506	Develop and implement sustainable land use strategies	140
AHCEXP301	Handle and store explosives	70
AHCEXP303	Prepare and use explosives	70
AHCEXP304	Identify and select explosive products	60

Unit Code	Unit Title	Nominal Hours
AHCFAU202	Recognise fauna	40
AHCFAU302	Identify fauna in the field	50
AHCFAU303	Respond to wildlife emergencies	70
AHCFAU501	Manage fauna populations	150
AHCFIR202	Assist with planned burning	50
AHCFIR301	Undertake burning for fuel, ecological and cultural resource management	40
AHCFIR503	Plan and evaluate burning for fuel, ecological and cultural resource management	120
AHCFIR504	Manage wildfire hazard reduction programs	150
AHCGRI301	Maintain roof gardens, vertical gardens and green facades	60
AHCGRI401	Construct roof gardens	110
AHCGRI402	Construct vertical gardens and green facades	110
AHCGRI501	Design roof gardens	130
AHCGRI502	Design vertical gardens and green facades	130
AHCHYD301	Implement a maintenance program for hydroponic systems	60
AHCHYD302	Install hydroponic systems	60
AHCHYD401	Establish and monitor hydroponic crops	80
AHCHYD501	Develop a plan for a hydroponic system	120
AHCILM201	Maintain cultural places	20
AHCILM202	Observe and report plants or animals	40
AHCILM203	Record information about Country	40
AHCILM302	Provide appropriate information on cultural knowledge	60
AHCILM305	Work with an Aboriginal Community or organisation	50

Unit Code	Unit Title	Nominal Hours
AHCILM306	Follow Aboriginal cultural protocols	40
AHCILM307	Implement Aboriginal cultural burning practices	40
AHCILM308	Identify traditional customs and land rights for an Indigenous Community	40
AHCILM401	Protect places of cultural significance	60
AHCILM402	Report on place of potential cultural significance	80
AHCILM403	Contribute to the proposal for a negotiated outcome for a given area of Country	80
AHCILM404	Record and document Community history	60
AHCILM405	Develop work practices to accommodate cultural identity	80
AHCILM501	Conduct field research into natural and cultural resources	200
AHCILM502	Develop conservation strategies for cultural resources	120
AHCILM503	Manage restoration of cultural places	150
AHCILM504	Develop strategies for Indigenous land or sea management	150
AHCILM505	Map relationship of business enterprise to culture and Country	120
AHCILM506	Operate within Community cultures and goals	100
AHCILM508	Propose a negotiated outcome for a given area of Country	150
AHCILM510	Plan for successful cultural practice at work	90
AHCILM601	Manage cultural processes in an Indigenous organisation	220
AHCINF201	Carry out basic electric fencing operations	40
AHCINF202	Install, maintain and repair farm fencing	30
AHCINF203	Maintain properties and structures	30
AHCINF204	Fabricate and repair metal or plastic structures	60
AHCINF301	Implement property improvement, construction and repair	70

Unit Code	Unit Title	Nominal Hours
AHCINF302	Plan and construct an electric fence	60
AHCINF303	Plan and construct conventional fencing	60
AHCINF304	Install and terminate extra low voltage wiring systems	60
AHCIRG102	Support irrigation work	15
AHCIRG219	Assist with low volume irrigation operations	40
AHCIRG220	Assist with surface irrigation operations	30
AHCIRG221	Assist with pressurised irrigation operations	40
AHCIRG222	Assist with pump and flow control device operations	40
AHCIRG301	Install gravity fed irrigation systems	80
AHCIRG328	Operate irrigation controller and sensor technology	50
AHCIRG336	Operate and maintain gravity fed irrigation systems	50
AHCIRG337	Measure irrigation delivery system performance	70
AHCIRG338	Troubleshoot irrigation systems	50
AHCIRG339	Monitor soils under irrigation	70
AHCIRG340	Install irrigation pumps	50
AHCIRG341	Operate and maintain irrigation pumping systems	60
AHCIRG342	Interpret irrigation plans and drawings	50
AHCIRG343	Operate irrigation injection equipment	50
AHCIRG344	Implement an irrigation schedule	80
AHCIRG345	Install pressurised irrigation systems	70
AHCIRG346	Operate pressurised irrigation systems	50
AHCIRG347	Maintain pressurised irrigation systems	50

Unit Code	Unit Title	Nominal Hours
AHCIRG348	Operate and maintain moving irrigation system	50
AHCIRG349	Recommend irrigation products and services	70
AHCIRG435	Determine hydraulic parameters for an irrigation system	80
AHCIRG436	Implement an irrigation-related environmental protection program	80
AHCIRG437	Schedule irrigations	50
AHCIRG438	Select and manage pumping systems for irrigation	100
AHCIRG439	Interpret and apply irrigation designs	70
AHCIRG440	Manage a moving sprinkler irrigation system	70
AHCIRG441	Evaluate water supply for irrigation	50
AHCIRG442	Supervise irrigation system installation	80
AHCIRG443	Supervise irrigation system maintenance	70
AHCIRG444	Manage irrigation systems	80
AHCIRG445	Manage surface irrigation systems	80
AHCIRG446	Provide irrigation sales and service	50
AHCIRG506	Design irrigation systems	120
AHCIRG507	Audit irrigation systems	100
AHCIRG508	Design irrigation system maintenance and monitoring programs	80
AHCIRG509	Develop an irrigation and drainage management plan	120
AHCIRG510	Establish and maintain an irrigation-related environmental protection program	120
AHCLPW201	Operate a handheld GPS device	30
AHCLPW302	Implement a biodiversity monitoring plan	50
AHCLPW307	Perform restricted diving for scientific purposes	100

Unit Code	Unit Title	Nominal Hours
AHCLPW308	Coordinate and report on data collection	50
AHCLPW309	Operate remotely piloted system for conservation work	70
AHCLPW310	Supervise park visitor activities	60
AHCLPW311	Construct access tracks	70
AHCLPW312	Carry out inspection of designated area	70
AHCLPW313	Undertake sampling and testing of water	70
AHCLPW406	Supervise the monitoring of biodiversity	100
AHCLPW407	Process applications for changes in land use	80
AHCLPW408	Implement land and sea management practices	80
AHCLPW409	Inspect and monitor culturally significant places	60
AHCLPW410	Produce maps for land management purposes	120
AHCLPW504	Assess land use applications for legislative compliance	150
AHCLPW506	Develop a management plan for a designated area	200
AHCLPW507	Implement natural and cultural resource management plans	150
AHCLPW602	Coordinate the preparation of a regional resource management plan	230
AHCLSC102	Support landscape work	15
AHCLSC206	Assist with landscape construction work	30
AHCLSC207	Construct low-profile timber or modular retaining walls	50
AHCLSC208	Install aggregate paths	20
AHCLSC209	Lay paving	30
AHCLSC210	Install tree protection devices	20
AHCLSC311	Set out site for construction works	60

Unit Code	Unit Title	Nominal Hours
AHCLSC312	Construct brick and block structures and features	100
AHCLSC313	Construct stone structures and features, and install stone cladding	80
AHCLSC314	Implement a tree transplanting program	60
AHCLSC315	Implement an outdoor tiling project	40
AHCLSC316	Implement a paving project	100
AHCLSC317	Construct landscape features using concrete	80
AHCLSC318	Erect timber structures and features	60
AHCLSC319	Implement a retaining wall project	100
AHCLSC320	Install water features	60
AHCLSC321	Install metal structures and features	80
AHCLSC402	Apply building codes and standards to the construction process for Class 10 buildings	40
AHCLSC403	Apply structural principles to Class 10 buildings	140
AHCLSC404	Supervise landscape project works	80
AHCLSC504	Survey and establish site levels	110
AHCLSC505	Manage landscape projects	200
AHCLSC506	Manage a tree transplanting program	100
AHCLSK101	Support extensive livestock work	15
AHCLSK102	Support intensive livestock work	15
AHCLSK201	Assist with feeding in a production system	40
AHCLSK202	Care for health and welfare of livestock	40
AHCLSK204	Carry out regular livestock observation	40
AHCLSK205	Handle livestock using basic techniques	30

Unit Code	Unit Title	Nominal Hours
AHCLSK206	Identify and mark livestock	20
AHCLSK207	Load and unload livestock	20
AHCLSK209	Monitor water supplies	20
AHCLSK210	Muster and move livestock	25
AHCLSK211	Provide feed for livestock	30
AHCLSK213	Clean out production sheds	20
AHCLSK214	Maintain production growing environments	30
AHCLSK215	Carry out alpaca handling and husbandry operations	30
AHCLSK216	Clean and maintain livestock pens	40
AHCLSK217	Apply animal welfare principles to handling and husbandry of livestock	40
AHCLSK218	Ride educated horses to carry out basic stock work	50
AHCLSK219	Carry out birthing duties	40
AHCLSK220	Monitor livestock to parturition	30
AHCLSK301	Administer medication to livestock	80
AHCLSK303	Carry out feedlot operations	40
AHCLSK304	Carry out post-mortem examination of livestock	60
AHCLSK305	Maintain livestock water supplies	30
AHCLSK306	Coordinate and monitor production performance	40
AHCLSK307	Euthanase livestock	40
AHCLSK308	Identify and draft livestock	40
AHCLSK309	Implement animal health control programs	50
AHCLSK310	Implement feeding plans for intensive production	100

Unit Code	Unit Title	Nominal Hours
AHCLSK311	Implement feeding plans for livestock	140
AHCLSK313	Monitor livestock production growing environments	60
AHCLSK316	Prepare livestock for competition	90
AHCLSK317	Plan to exhibit livestock	80
AHCLSK318	Rear newborn and young livestock	50
AHCLSK319	Slaughter livestock	40
AHCLSK320	Coordinate and monitor livestock transport	60
AHCLSK321	Service and repair bores and windmills	80
AHCLSK322	Transport farm produce or bulk materials	50
AHCLSK323	Maintain and monitor feed stocks	60
AHCLSK324	Care for and train working dogs	25
AHCLSK325	Castrate livestock	20
AHCLSK326	Mix and mill standard stockfeed	30
AHCLSK327	Collect, store and administer colostrum	40
AHCLSK328	Remove and facilitate reuse of effluent and manure from an intensive production system	60
AHCLSK330	Implement procedures for calving	60
AHCLSK331	Comply with industry animal welfare requirements	40
AHCLSK332	Monitor animals in intensive production systems	80
AHCLSK333	Monitor pen condition and ration suitability	80
AHCLSK334	Plan, prepare and conduct mulesing procedures	100
AHCLSK337	Train, care for and ride horses for stock work	100
AHCLSK338	Conduct dropped ovary technique procedures for spaying cattle	n/a

Unit Code	Unit Title	Nominal Hours
AHCLSK339	Pregnancy test livestock	80
AHCLSK340	Mate and monitor reproduction of alpacas	60
AHCLSK341	Coordinate artificial insemination and fertility management of livestock	90
AHCLSK342	Prepare animals for parturition	50
AHCLSK343	Prepare for and implement natural mating of livestock	30
AHCLSK401	Develop feeding plans for a production system	80
AHCLSK402	Develop livestock feeding plans	140
AHCLSK404	Implement and monitor animal welfare programs	80
AHCLSK405	Implement intensive production systems	80
AHCLSK406	Oversee animal marking operations	80
AHCLSK407	Plan and monitor intensive production systems	120
AHCLSK409	Supervise animal health programs	110
AHCLSK410	Supervise feedlot operations	100
AHCLSK412	Arrange livestock purchases	80
AHCLSK413	Design livestock handling facilities	100
AHCLSK414	Arrange transport for farm produce or livestock	50
AHCLSK418	Escort livestock during export	60
AHCLSK419	Manage horses for stock work	60
AHCLSK420	Provide advice on livestock products	50
AHCLSK421	Supervise natural mating of livestock	80
AHCLSK422	Identify and select animals for breeding	100
AHCLSK501	Manage livestock production	180

Unit Code	Unit Title	Nominal Hours
AHCLSK502	Arrange marketing of livestock	100
AHCLSK504	Develop livestock health and welfare strategies	150
AHCLSK506	Design livestock effluent systems	120
AHCLSK508	Plan, monitor and evaluate strategies to improve livestock through genetics	120
AHCLSK509	Develop and implement a breeding strategy	160
AHCLSK510	Develop production plans for livestock	180
AHCMAR301	Conduct a subtidal marine monitoring operation from a vessel or platform	60
AHCMAR302	Conduct intertidal marine monitoring	60
AHCMAR303	Coordinate marine conservation activities on small vessels	80
AHCMAR304	Identify and collect marine life	80
AHCMAR305	Monitor ocean conditions and marine environmental quality	70
AHCMAR306	Operate mobile underwater vehicles	60
AHCMDC201	Assist with propagation of medicinal cannabis	40
AHCMDC202	Assist with care and maintenance of medicinal cannabis	40
AHCMDC203	Assist with harvest and pre-processing of medicinal cannabis	50
AHCMDC301	Apply security regulatory requirements to work in the medicinal cannabis industry	50
AHCMDC302	Apply regulatory and quality requirements to the production of medicinal cannabis	70
AHCMDC303	Undertake propagation of medicinal cannabis	70
AHCMDC304	Undertake care and maintenance of medicinal cannabis	60
AHCMDC305	Undertake harvest and pre-processing of medicinal cannabis	100
AHCMDC401	Apply security measures for medicinal cannabis	50

Unit Code	Unit Title	Nominal Hours
AHCMDC402	Monitor medicinal cannabis production for compliance and quality	60
AHCMDC403	Plan and implement a propagation program for medicinal cannabis	100
AHCMDC404	Plan and implement a care and maintenance program for medicinal cannabis	110
AHCMDC405	Plan and implement a harvest and pre-processing program for medicinal cannabis	90
AHCMER301	Process customer complaints	60
AHCMER305	Provide information on hardware products	60
AHCMER306	Sell products and services	50
AHCMER408	Coordinate customer service and networking activities	80
AHCMER502	Develop a sales strategy for rural products	120
AHCMKH401	Carry out cleaning-time tests of milking machines	100
AHCMKH402	Design and fabricate milking equipment installations	200
AHCMKH403	Design and install enterprise milk cooling and storage	150
AHCMKH404	Install milking equipment	200
AHCMKH405	Performance test milking machines	200
AHCMOM101	Assist with routine maintenance of machinery and equipment	20
AHCMOM201	Operate two wheel motorbikes	30
AHCMOM202	Operate tractors	40
AHCMOM203	Operate basic machinery and equipment	20
AHCMOM204	Undertake operational maintenance of machinery	30
AHCMOM205	Operate vehicles	20
AHCMOM206	Conduct grader operations	40
AHCMOM207	Conduct front-end loader operations	60

Unit Code	Unit Title	Nominal Hours
AHCMOM208	Conduct excavator operations	50
AHCMOM209	Conduct dozer operations	50
AHCMOM210	Conduct scraper operations	50
AHCMOM213	Operate and maintain chainsaws	40
AHCMOM214	Operate cane haulage vehicle	N/A in Vic
AHCMOM215	Operate commercial lawnmowers	40
AHCMOM216	Operate side by side utility vehicles	50
AHCMOM217	Operate quad bikes	60
AHCMOM301	Coordinate machinery and equipment maintenance and repair	80
AHCMOM302	Perform machinery maintenance	50
AHCMOM304	Operate machinery and equipment	40
AHCMOM305	Operate specialised machinery and equipment	60
AHCMOM306	Ground spread fertiliser and soil ameliorant	50
AHCMOM307	Operate a cane harvester	30
AHCMOM308	Operate broadacre and row crop harvest machinery and equipment	80
AHCMOM309	Operate broadacre sowing machinery and equipment	60
AHCMOM310	Operate land-forming machinery and equipment	80
AHCMOM311	Operate precision control technology	90
AHCMOM312	Operate row crop planting and seeding machinery and equipment	80
AHCMOM313	Operate mobile irrigation machinery and equipment	60
AHCMOM314	Transport machinery	40
AHCMOM315	Operate chemical application machinery and equipment	90

Unit Code	Unit Title	Nominal Hours
AHCMOM316	Refuel machinery or vehicle	30
AHCMOM317	Operate tractors with attachments	60
AHCMOM401	Conduct major repair and overhaul of machinery and equipment	150
AHCMOM402	Supervise maintenance of property, machinery and equipment	80
AHCMOM403	Provide advice and sell machinery	60
AHCMOM501	Manage machinery and equipment	90
AHCMOM502	Implement a machinery management system	130
AHCMOM601	Analyse machinery options	200
AHCNRM301	Establish an Australian native stingless bee colony	50
AHCNRM503	Support the implementation of waterways strategies	150
AHCNRM504	Interpret and report on catchment hydrology	200
AHCNRM505	Provide technical advice on sustainable catchment management	180
AHCNRM507	Manipulate and analyse data within geographic information systems	40
AHCNRM509	Develop a coastal rehabilitation strategy	180
AHCNRM510	Develop a water quality monitoring program	120
AHCNRM511	Plan and monitor works projects in catchments and waterways	200
AHCNRM512	Investigate suspected breaches of natural resource management legislation	100
AHCNRM603	Implement a monitoring, evaluation and reporting program	200
AHCNRM604	Review ecological management plans and strategies	250
AHCNRM605	Develop a monitoring, evaluation and reporting program	200
AHCNSY102	Support nursery work	15
AHCNSY205	Pot up plants	20

Unit Code	Unit Title	Nominal Hours
AHCNSY206	Care for nursery plants	30
AHCNSY207	Undertake propagation activities	30
AHCNSY208	Maintain indoor plants	20
AHCNSY308	Maintain nursery plants	40
AHCNSY309	Receive and dispatch nursery products	40
AHCNSY310	Install and maintain plant displays	60
AHCNSY311	Promote sales of plants	40
AHCNSY312	Prepare specialised plants	50
AHCNSY313	Implement a propagation plan	90
AHCNSY314	Operate fertigation equipment	70
AHCNSY403	Plan a growing-on program	80
AHCNSY404	Plan a propagation program	120
AHCORG101	Support organic production	20
AHCORG401	Manage biodynamic production	100
AHCORG402	Manage organic livestock production	100
AHCORG403	Manage organic soil improvement	100
AHCORG404	Arrange selling through community based marketing	40
AHCORG405	Implement sustainable practices in the organic farm based business	60
AHCORG406	Oversee compliance with an organic certification scheme	60
AHCORG408	Manage on farm composting	60
AHCORG503	Design and document an organic farm landscape	100
AHCORG504	Develop and manage a community based marketing supply chain	100

Unit Code	Unit Title	Nominal Hours
AHCORG505	Develop and monitor a sustainable production plan	100
AHCORG506	Manage an agroecology production system	100
AHCORG507	Develop an organic or biodynamic management plan	120
AHCORG508	Prepare the enterprise for organic or biodynamic certification	140
AHCPM202	Collect, prepare and preserve plant specimens	30
AHCPM204	Recognise plants	40
AHCPM205	Fell small trees	40
AHCPM303	Identify plant specimens	80
AHCPM305	Implement a plant nutrition program	60
AHCPM306	Provide information on plants and their culture	70
AHCPM307	Report on health and condition of trees	80
AHCPM404	Recommend plants and cultural practices	80
AHCPM405	Implement an integrated pest management program	80
AHCPM406	Develop a soil health and plant nutrition program	90
AHCPM507	Diagnose plant health problems	120
AHCPM508	Develop an integrated pest management program	120
AHCPM509	Apply knowledge of plant physiology to horticultural practices	100
AHCPM510	Collect and classify plants	120
AHCPM511	Specify plants for landscapes	130
AHCPM512	Design specialised landscape	150
AHCPM513	Conduct environment and food safety risk assessment of plant nutrition and soil fertility programs	120
AHCPM602	Develop and implement a plant health management strategy	200

Unit Code	Unit Title	Nominal Hours
AHCPER101	Observe permaculture principles and work practices	20
AHCPER102	Support resource conservation practices	20
AHCPER103	Support plant care in a permaculture system	20
AHCPER201	Work effectively in permaculture	20
AHCPER202	Harvest, treat and store seed	30
AHCPER203	Record information about the local bioregion	30
AHCPER204	Check and operate permaculture water systems	30
AHCPER205	Prepare and store permaculture products	30
AHCPER206	Plant and maintain permaculture crops	30
AHCPER207	Care for animals in a permaculture system	30
AHCPER208	Harvest permaculture crops	30
AHCPER209	Recognise characteristics of integrated plant and animal systems	30
AHCPER212	Use and maintain garden hand tools and equipment	25
AHCPER214	Propagate plants for a permaculture garden system	30
AHCPER215	Assist with garden soil health and plant nutrition	30
AHCPER301	Research and communicate information on permaculture principles and practices	40
AHCPER302	Develop recommendations for integrated plant and animal systems	40
AHCPER303	Maintain integrated plant and animal systems	40
AHCPER305	Implement crop maintenance and harvesting programs for permaculture systems	40
AHCPER306	Use weedy plants in a permaculture system	30
AHCPER307	Establish a rural permaculture system	60
AHCPER308	Establish an urban permaculture system	60

Unit Code	Unit Title	Nominal Hours
AHCPER309	Install and maintain permaculture water systems	40
AHCPER310	Install structures for permaculture systems	35
AHCPER312	Plan organic garden and orchard systems	40
AHCPER313	Coordinate preparation and storage of permaculture products	25
AHCPER314	Read and interpret property maps and plans	15
AHCPER315	Coordinate community projects	35
AHCPER316	Select plant and animal species for permaculture systems	40
AHCPER318	Plan propagation activities for a permaculture system	40
AHCPER319	Test, improve and maintain healthy soil in a permaculture system	40
AHCPER320	Manage plant pests, diseases and disorders in a permaculture system	40
AHCPER321	Demonstrate permaculture practices to small groups of learners	40
AHCPER401	Provide advice on permaculture principles and practices	70
AHCPER402	Design a rural permaculture system	80
AHCPER403	Design an urban permaculture system	80
AHCPER404	Plan and implement permaculture works	70
AHCPER405	Select appropriate technology for a permaculture system	50
AHCPER406	Identify and analyse bioregional characteristics and resources	50
AHCPER407	Design harvesting and storage systems for permaculture products	50
AHCPER408	Implement and monitor animal health and welfare programs for a permaculture system	50
AHCPER409	Manage a permaculture seed bank	30
AHCPER410	Recommend approaches for sustainable community and bioregional development	40

Unit Code	Unit Title	Nominal Hours
AHCPER411	Operate within a sustainable community and bioregional development program	60
AHCPER413	Evaluate suitability of species as solutions for permaculture applications	40
AHCPER501	Carry out permaculture field research	80
AHCPER502	Design an integrated permaculture system	120
AHCPER503	Develop a strategic plan for a permaculture project or enterprise	100
AHCPER504	Manage a permaculture project or enterprise	90
AHCPER505	Plan and supervise the implementation of permaculture project works	100
AHCPER507	Research and interpret requirements for a permaculture project	120
AHCPER508	Manage a permaculture aid and development project	120
AHCPER509	Design permaculture structures and features	90
AHCPER511	Facilitate participatory planning and learning activities	90
AHCPER512	Plan community governance and decision-making processes	90
AHCPGD102	Support gardening work	10
AHCPGD205	Prepare a grave site	20
AHCPGD207	Plant trees and shrubs	20
AHCPGD208	Prepare and maintain plant displays	35
AHCPGD209	Prune shrubs and small trees	35
AHCPGD210	Transplant shrubs and small trees	20
AHCPGD212	Conduct visual inspection of park facilities	20
AHCPGD307	Implement a plant establishment program	80
AHCPGD308	Plan and maintain plant displays	60

Unit Code	Unit Title	Nominal Hours
AHCPGD309	Perform specialist amenity pruning	65
AHCPGD310	Implement a landscape maintenance program	100
AHCPGD311	Conduct operational inspection of park facilities	70
AHCPGD312	Implement a maintenance program for an aquatic environment	70
AHCPGD403	Design plant displays	90
AHCPGD404	Plan a plant establishment program	80
AHCPGD506	Manage parks and reserves	200
AHCPGD507	Manage plant cultural practices	200
AHCPGD508	Plan the restoration of parks and gardens	120
AHCPGD509	Develop and implement a streetscape management plan	120
AHCPGD510	Conduct comprehensive inspection of park facilities	150
AHCPHT102	Support horticultural production	15
AHCPHT210	Assist with protected cropping water sampling and testing	40
AHCPHT211	Maintain crop	40
AHCPHT212	Perform manual pollination of crops	30
AHCPHT213	Perform plant blocking on	30
AHCPHT214	Support horticultural crop harvesting	25
AHCPHT215	Plant horticultural crops	25
AHCPHT216	Carry out canopy maintenance	25
AHCPHT217	Undertake field budding and grafting	30
AHCPHT218	Carry out post-harvest operations	25
AHCPHT219	Handle and move mushroom boxes	10

Unit Code	Unit Title	Nominal Hours
AHCPHT220	Perform mushroom substrate process tasks	40
AHCPHT221	Water mushroom crops	30
AHCPHT222	Produce trellis dried grapes	60
AHCPHT302	Prepare raw materials and compost feedstock	50
AHCPHT311	Install and maintain vertical hanging trellis	30
AHCPHT312	Implement a crop regulation program	80
AHCPHT313	Implement a post-harvest program	70
AHCPHT314	Harvest horticultural crops mechanically	50
AHCPHT315	Establish horticultural crops	25
AHCPHT316	Supervise mushroom substrate preparation	50
AHCPHT317	Coordinate horticultural crop harvesting	70
AHCPHT318	Prepare value added compost-based products	50
AHCPHT409	Develop a crop regulation program	100
AHCPHT410	Develop harvesting and processing specifications to produce an olive oil	100
AHCPHT411	Implement and monitor a horticultural crop harvesting program	100
AHCPHT412	Manage mushroom substrate preparation	60
AHCPHT413	Oversee vineyard practices	80
AHCPHT414	Assess olive oil for style and quality	100
AHCPHT415	Control Phase II mushroom substrate process	60
AHCPHT416	Manage mushroom crop development	90
AHCPHT507	Evaluate grapes for production	140
AHCPHT508	Develop a grape production plan	180

Unit Code	Unit Title	Nominal Hours
AHCPHT509	Evaluate wine	200
AHCPHT510	Manage a wine making process	200
AHCPHT511	Develop a horticultural production plan	180
AHCPHT512	Manage a controlled growing environment	120
AHCPLY201	Collect store and handle eggs from breeder flocks	20
AHCPLY202	Maintain health and welfare of poultry	40
AHCPLY203	Set up shed for placement of day-old chickens	10
AHCPLY204	Collect and pack eggs for human consumption	20
AHCPLY205	Grade and pack eggs for human consumption	20
AHCPLY206	Catch and load poultry	20
AHCPLY302	Brood poultry	40
AHCPLY304	Incubate eggs	20
AHCPLY306	Clean and disinfect poultry production sheds	40
AHCPLY307	Implement and monitor biosecurity measures in poultry production	80
AHCPMG201	Treat weeds	40
AHCPMG202	Treat plant pests, diseases and disorders	30
AHCPMG203	Work effectively in a pest management environment	50
AHCPMG301	Control weeds	70
AHCPMG302	Control plant pests, diseases and disorders	80
AHCPMG304	Use firearms to humanely destroy animals	40
AHCPMG305	Survey pests	70
AHCPMG306	Determine pest control techniques	70

Unit Code	Unit Title	Nominal Hours
AHCPMG307	Apply animal trapping techniques	40
AHCPMG308	Implement pest management strategies	60
AHCPMG309	Apply pest animal control techniques	60
AHCPMG311	Use firearms for pest control activities from aircraft	30
AHCPMG312	Apply poison baits for vertebrate pest control in rural and environmental landscapes	60
AHCPMG313	Prepare, monitor and maintain biological agents for weeds	80
AHCPMG401	Implement the pest monitoring and evaluation plan	85
AHCPMG402	Ensure compliance with pest legislation	50
AHCPMG403	Apply predator trapping techniques	50
AHCPMG409	Implement a pest management plan	80
AHCPMG412	Develop a pest management plan	90
AHCPMG413	Define the pest problem	100
AHCPMG501	Develop a regional pest management plan	120
AHCPMG502	Investigate a pest control failure	60
AHCPMG506	Manage the implementation of legislation	150
AHCPMG508	Develop a system to monitor and evaluate the pest management plan	100
AHCPMG510	Develop a pest survey strategy	150
AHCPRK201	Care for health and welfare of pigs	40
AHCPRK203	Move and handle pigs	40
AHCPRK204	Care for weaner pigs	40
AHCPRK302	Treat rectal prolapse in pigs	40
AHCPRK305	Care for grower and finisher pigs	50

Unit Code	Unit Title	Nominal Hours
AHCPRK306	Monitor and maintain outdoor pig production	90
AHCPRK307	Mate pigs naturally	40
AHCPRK308	Monitor dry sow performance	40
AHCPRK309	Pregnancy test pigs	40
AHCPRK310	Artificially inseminate pigs	40
AHCPRK401	Implement a feeding strategy for pig production	100
AHCSAW202	Recognise landforms and soil types	50
AHCSAW203	Conduct erosion and sediment control activities	40
AHCSAW303	Construct conservation earthworks	70
AHCSAW304	Implement erosion and sediment control measures	80
AHCSAW402	Set out conservation earthworks	80
AHCSAW404	Supervise implementation of conservation earthworks plans	90
AHCSAW503	Plan conservation earthworks	150
AHCSAW504	Design control measures and structures	120
AHCSAW505	Plan erosion and sediment control measures	120
AHCSDT308	Perform tests for quality on seeds	140
AHCSDT309	Prepare a working sample	40
AHCSDT310	Identify seeds	120
AHCSDT412	Perform advanced tests on seeds	180
AHCSDT413	Handle and store seed subject to quarantine regulations	60
AHCSDT414	Maintain a quarantine approved laboratory	80
AHCSHG201	Crutch sheep	40

Unit Code	Unit Title	Nominal Hours
AHCSHG202	Assist in preparing for shearing and crutching	20
AHCSHG203	Shear sheep to novice level	160
AHCSHG204	Shear sheep to improver level	160
AHCSHG205	Grind combs and cutters for machine shearing	20
AHCSHG206	Prepare handpiece and downtube for machine shearing	20
AHCSHG210	Undertake basic shearing and crutching	20
AHCSHG301	Prepare livestock for shearing	40
AHCSHG302	Prepare combs and cutters for machine shearing	25
AHCSHG303	Maintain and service shearing handpieces	15
AHCSHG304	Shear sheep to professional level	160
AHCSHG305	Maintain consistent shearing performance	160
AHCSHG306	Carry out post-shearing procedures	20
AHCSHG402	Conduct equipment experting for machine shearing	120
AHCSHG405	Arrange employment for shearing operations	30
AHCSHG407	Prepare shearing team wages	30
AHCSOL203	Assist with soil or growing media sampling and testing	30
AHCSOL304	Implement soil improvements for garden and turf areas	60
AHCSOL305	Prepare growing media	40
AHCSOL403	Prepare acid sulphate soil management plans	80
AHCSOL405	Provide information on fertilisers and soil ameliorants	80
AHCSOL406	Sample soils and interpret results	60
AHCSOL407	Develop a soil use map for a property	100

Unit Code	Unit Title	Nominal Hours
AHCSOL409	Supervise acid sulphate soil remediation and management projects	80
AHCSOL505	Monitor and manage soils for production	120
AHCSOL506	Manage erosion and sediment control	60
AHCSOL507	Develop and manage a plan to reclaim land affected by salinity	80
AHCSOL508	Manage soils to enhance sustainability	100
AHCSPO309	Process planting seed	120
AHCSPO310	Treat planting seed	70
AHCSPO311	Handle, package and store commercial quantities of seed	70
AHCSPO312	Sample seed before and after processing	70
AHCTHH401	Develop a therapeutic horticulture design brief	80
AHCTRF102	Support turf work	10
AHCTRF205	Assist in the preparation of turf surfaces for play	40
AHCTRF206	Assist with turf construction	30
AHCTRF207	Renovate grassed areas	30
AHCTRF208	Support turf establishment	40
AHCTRF306	Prepare sports turf surfaces for play	80
AHCTRF307	Construct turf playing surfaces	90
AHCTRF308	Establish turf	60
AHCTRF309	Implement a grassed area maintenance program	60
AHCTRF310	Monitor turf health	60
AHCTRF311	Renovate sports turf	60
AHCTRF403	Develop a sports turf maintenance program	90

Unit Code	Unit Title	Nominal Hours
AHCTRF404	Plan and implement sports turf renovation	70
AHCTRF505	Plan the establishment of sports turf playing surfaces	150
AHCTRF506	Manage sports turf renovation programs	100
AHCTRF507	Develop sports turf management programs	110
AHCTRF508	Manage sports turf facility assets	95
AHCWAT201	Set up, operate and maintain water delivery systems for compost	40
AHCWAT302	Monitor and operate water treatment processes	70
AHCWAT303	Access, extract and monitor water for irrigation	110
AHCWAT503	Manage water systems	120
AHCWAT504	Design water treatment systems	120
AHCWAT505	Purchase and sell temporary water for irrigated agriculture and horticulture	100
AHCWAT506	Identify carryover water or continuous accounting	100
AHCWHS101	Work safely	10
AHCWHS201	Participate in work health and safety processes	20
AHCWHS301	Contribute to work health and safety processes	50
AHCWHS401	Maintain work health and safety processes	70
AHCWHS502	Manage work health and safety processes	90
AHCWOL101	Support woolshed activities	20
AHCWOL201	Pen sheep	10
AHCWOL202	Perform board duties	80
AHCWOL203	Carry out wool pressing	10
AHCWOL301	Appraise wool using industry descriptions	40

Unit Code	Unit Title	Nominal Hours
AHCWOL303	Prepare wool based on its characteristics	60
AHCWOL304	Prepare fleece wool for classing	50
AHCWOL305	Prepare skirtings and oddments	60
AHCWOL306	Supervise clip preparation	140
AHCWOL307	Document a wool clip	30
AHCWOL308	Prepare facilities for shearing and crutching	50
AHCWOL310	Press wool for a clip	25
AHCWOL311	Perform shed duties	120
AHCWOL401	Determine wool classing strategies	40
AHCWOL402	Use individual fleece measurements to prepare wool for sale	50
AHCWOL403	Plan, implement and review wool harvesting and clip preparation	150
AHCWOL404	Establish work routines and manage wool harvesting and preparation staff	320
AHCWOL405	Class fleece wool	120
AHCWRK101	Maintain the workplace	10
AHCWRK201	Observe and report on weather	25
AHCWRK202	Observe environmental work practices	20
AHCWRK204	Work effectively in the industry	20
AHCWRK205	Participate in workplace communications	30
AHCWRK206	Observe enterprise quality assurance procedures	30
AHCWRK207	Collect and record production data	30
AHCWRK208	Provide information on products and services	60
AHCWRK209	Participate in environmentally sustainable work practices	20

Unit Code	Unit Title	Nominal Hours
AHCWRK301	Collect samples for a rural production or horticulture monitoring program	60
AHCWRK302	Monitor weather conditions	60
AHCWRK303	Respond to emergencies	60
AHCWRK304	Respond to rescue incidents	70
AHCWRK305	Coordinate work site activities	70
AHCWRK306	Comply with industry quality assurance requirements	40
AHCWRK307	Develop and apply fertiliser and soil ameliorant product knowledge	80
AHCWRK308	Handle bulk materials in storage area	60
AHCWRK309	Apply environmentally sustainable work practices	50
AHCWRK310	Provide on-job training support	60
AHCWRK311	Conduct site inspections	80
AHCWRK312	Operate in isolated and remote situations	40
AHCWRK401	Implement and monitor quality assurance procedures	100
AHCWRK402	Provide information on issues and policies	60
AHCWRK403	Supervise work routines and staff performance	50
AHCWRK405	Implement and monitor environmentally sustainable work practices	50
AHCWRK502	Collect and manage data	120
AHCWRK504	Assess new industry developments	120
AHCWRK507	Implement professional practice	100
AHCWRK508	Interpret legislation	100
AHCWRK509	Provide specialist advice to clients	100
AHCWRK510	Audit site operations	80

Unit Code	Unit Title	Nominal Hours
AHCWRK511	Develop workplace policy and procedures for sustainability	100
AHCWRK512	Plan, implement and review a quality assurance program	120
AHCWRK513	Write and present reports	60
AHCWRK514	Manage trial and research material	140
AHCWRK601	Monitor projects in a program	200
AHCWRK602	Lead and manage community or industry organisations	260
AHCWRK603	Design and conduct a field-based research trial	200

Contacts and Links

Curriculum Maintenance Manager (CMM) Service

Primary Industries

The CMM Service is provided on behalf of Higher Education and Skills.

CMM Service Executive Officers can assist with questions on payable and nominal hours.

Anne Wiltshire

Melbourne Polytechnic, Epping Campus, ED116A

Corner Cooper St & Dalton Rd, Epping 3076

0438 322 376

annewiltshire@melbournepolytechnic.edu.au

Service Skills Organisation (SSO) – Skills Impact

Skills Impact is responsible for developing the ACM Animal Care and Management Training Package and can be contacted for further information.

Level 1, 165 Bouverie Street (PO Box 466), Carlton 3053

(03) 9321 3526

inquiry@skillsimpact.com.au

skillsimpact.com.au

National Register of VET in Australia - Training.gov.au (TGA)

TGA is the Australian government's official National Register of information on Training Packages, qualifications, courses, units of competency and RTOs. See training.gov.au for more information.

Australian Government - Department of Employment and Workplace Relations (DEWR)

The Commonwealth Department is responsible for national policies and programmes that help Australians access quality vocational education and training. See [Skills and Training - DEWR](#) for more information.

State Government - Department of Education and Training (DET)

DET is the State Training Authority responsible for supporting implementation of Vocational Education and Training (VET) in Victoria. See education.vic.gov.au for more information. (03) 9637 2000

National VET Regulatory Authority - Australian Skills Quality Authority (ASQA)

ASQA is the national regulator for Australia's VET sector. Info line: 1300 701 801 See asqa.gov.au for more information.

State VET Regulatory Authority - Victorian Registration and Qualifications Authority (VRQA)

Victorian Purchasing Guide

AHC - Agriculture, Horticulture and Conservation and Land Management Training Package

Release 8.0

Page 48 of 55



State
Government

Education
and Training

The VRQA is a statutory authority responsible for the registration and regulation of Victorian RTOs and for the regulation of apprenticeships and traineeships in Victoria. (03) 9637 2806 See vrqa.vic.gov.au

State VET Regulatory Authority - Victorian Registration and Qualifications Authority (VRQA)

The VRQA is a statutory authority responsible for the registration and regulation of Victorian RTOs and for the regulation of apprenticeships and traineeships in Victoria. (03) 9637 2806 See vrqa.vic.gov.au

Industry Regulatory Bodies

WorkSafe Victoria

The industry Regulatory body can provide advice on licensing, legislative or regulatory requirements which may impact on the delivery of training or the issuance of qualifications in this Training Package. WorkSafe needs to provide written verification before high risk work units can be added to an RTO's scope of registration. See worksafe.vic.gov.au for further information.

222 Exhibition Street,
Melbourne 3000
(03) 9641 1444 or 1800 136 089 (toll free)
info@worksafe.vic.gov.au

Agriculture Victoria

Agriculture Victoria is part of the Department of Jobs, Precincts and Regions (DJPR), and covers livestock and animals, horticulture, farm management, biosecurity, pets and fisheries industries. Regulates primary production and animal welfare. Can provide advice on licensing, legislative or regulatory requirements, which may affect the delivery of training or the issuance of qualifications in this Training Package. See agriculture.vic.gov.au for further information.

Agriculture Victoria - Animal Welfare Victoria

Animal Welfare Victoria sits within Agriculture Victoria regulating the private keeping and registration of cats and dogs, prevention of cruelty to animals and the public display of exhibition animals. See Animal Welfare Victoria agriculture.vic.gov.au for further information.

Agriculture Victoria – Beekeeping

Provides individuals and industry with information on management and compliance issues affecting beekeeping. See Safe Beekeeping Practices agriculture.vic.gov.au for further information.

Agriculture Victoria – Horticulture

Provides individuals and industry with the skills and knowledge to understand plant biosecurity requirements. The department provides a range of services to facilitate market access in line with state and national quarantine requirements. See Crops and horticulture agriculture.vic.gov.au for further information

Australian Government Department of Climate Change, Energy, the Environment and water

Protect Australia's natural environment and heritage sites. Responds to climate change by carefully managing our water and energy resources. The department has been established to deliver on the Government's climate change and energy agenda and protect Australia's environment and water resources. See dcceew.gov.au for further information.

Victorian Purchasing Guide

AHC - Agriculture, Horticulture and Conservation and Land Management Training Package

Release 8.0

Page 49 of 55



Education
and Training

Australian Government Department of Agriculture, Fisheries and Forestry

Works with agriculture, fishery, food and forestry industries to facilitate trade. Provides grants and investment assistance in areas of agriculture, land, biosecurity, as well as undertaking research and collecting data. See agriculture.gov.au for further information.

Department of Environment, Land, Water and Planning

The Department of Environment, Land, Water and Planning creates liveable, inclusive and sustainable communities that support jobs and growth in Victoria. DELWP service areas include Environment, Forests and Reserves, Forest Fire Management, Wildlife, Water and Catchments, Heritage, Coasts and Marine and Planning. See delwp.vic.gov.au for further information.

Glossary

Code	Nationally endorsed Training Package qualification code.
Title	Nationally endorsed Training Package qualification title.
Unit Code	Nationally endorsed Training Package unit code.
Unit Title	Nationally endorsed Training Package unit title.
Maximum Payable Hours	<p>The maximum number of hours the Victorian Government will subsidise under Skills First funding for the achievement of the minimum realistic vocational outcome of the qualification, as determined by the qualification packaging rules. The Maximum Payable Hours do not cover every possible combination of core and elective units available for a specific qualification.</p> <p>Minimum payable hours reflect a calculated minimum number of hours that could deliver a minimum realistic vocational outcome, based on efficiencies of contextualisation and integration.</p>
Scope of Registration	Scope of registration specifies the AQF qualifications and/or units of competency the training organisation is registered to issue and the industry training and/or assessment services it is registered to provide.
Nominal Hours	Nominal hours reflect the anticipated time taken to deliver and assess the outcomes of a unit of competency excluding unsupervised delivery or the time taken for repeated practical application of skills. Nominal hours are determined by the Victorian State Training Authority (DET) and are primarily developed for funding purposes in Victoria.