



Australian Government

AHC40122 Certificate IV in Agriculture

Release 1

AHC40122 Certificate IV in Agriculture

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 9.0.

Qualification Description

This qualification describes the skills and knowledge for supervisory/managerial job roles in the agriculture industry including farm supervisor, and farm team leader.

Individuals with this qualification perform tasks involving technical skills, problem solving and supervisory skills to operate, monitor and improve performance of agricultural systems and projects, and may supervise staff.

This qualification applies to individuals with existing agriculture industry experience and technical skills and knowledge gained through training or employment specifically in the agriculture industry.

Work must comply with health and safety and environmental regulations and legislation that apply to the workplace.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 12 units of competency:
 - 2 core unit plus
 - 10 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives can be chosen to provide a general qualification or a qualification with a specialisation.

For the award of the *Certificate IV in Agriculture* choose:

- 4 units from group A

- 4 units not already selected from groups A, B or C
- 2 units from the remaining units listed in groups A, B or C, or any currently endorsed Training Package or accredited course
- electives from group C can only be selected where required as a prerequisite.

For the award of the *Certificate IV in Agriculture (Organic Production)* choose:

- 4 units from group A with the unit code AHCORG
- 4 units not already selected from groups A, B or C
- the remaining 2 units must be selected from the electives listed in groups A, B or C, or any currently endorsed Training Package or accredited course
- electives from group C can only be selected where required as a prerequisite.

Core Units

An asterisk (*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

AHCWHS402	Maintain workplace health and safety processes
AHCWRK410	Implement and monitor environmentally sustainable work practices

Elective Units

Group A

A hash (#) next to the unit code indicates mandatory workplace requirements which must be met when assessing this unit. Please refer to the individual unit's Assessment Requirements for details.

AHCBAC410	Plan and implement a pasture establishment program
AHCBAC411	Manage pastures for livestock production
AHCBAC412	Supervise agricultural crop establishment
AHCBAC413	Plan and implement agricultural crop maintenance
AHCBAC414	Supervise agricultural crop harvesting
AHCBAC415	Maintain grain quality in storage
AHCBAC416	Save, prepare and store agricultural seed
AHCBIO401	Plan and implement a biosecurity program
AHCCHM404	Develop procedures to minimise risks in the use of

	chemicals
AHCCHM405	Plan and implement a chemical use program
AHCDRY402	Manage milking shed operations
AHCLSK307	Euthanase livestock
AHCLSK317	Plan to exhibit livestock
AHCLSK331	Comply with industry animal welfare requirements
AHCLSK339	Pregnancy test livestock
AHCLSK341	Coordinate artificial insemination and fertility management of livestock
AHCLSK401	Develop feeding plans for a production system
AHCLSK402	Develop livestock feeding plans
AHCLSK404	Implement and monitor animal welfare programs
AHCLSK405	Implement intensive production systems
AHCLSK406	Oversee animal marking operations
AHCLSK407	Plan and monitor intensive production systems
AHCLSK409	Supervise animal health programs
AHCLSK410	Supervise feedlot operations
AHCLSK412	Arrange livestock purchases
AHCLSK413	Design livestock handling facilities
AHCLSK414	Arrange transport for farm produce or livestock
AHCLSK418 *	Escort livestock during export
AHCLSK419 *	Manage horses for stock work
AHCLSK421	Supervise natural mating of livestock
AHCLSK422	Identify and select animals for breeding
AHCMOM402	Supervise maintenance of property, machinery and equipment

AHCORG409	Manage biodynamic production
AHCORG410	Manage organic livestock production
AHCORG411	Manage organic soil improvement
AHCORG412	Arrange selling through community based marketing
AHCORG413	Implement sustainable practices in the organic farm based business
AHCORG414	Oversee compliance with an organic certification scheme
AHCORG415	Manage on farm composting
AHCPMG412	Develop a pest management plan
AHCPRK403 #	Implement a feeding plan for pig production
AHCSDT308	Perform tests for quality on seeds
AHCSDT412	Perform advanced tests on seeds
AHCSDT413	Handle and store seed subject to quarantine regulations
AHCSDT414	Maintain a quarantine approved laboratory
AHCWRK409	Supervise work routines and staff performance

Group B

ACMEQU212	Handle horses safely
ACMEQU306 *	Provide routine care for horses
AHCAGB404	Plan and implement infrastructure improvements
AHCAGB405	Analyse and interpret production data
AHCAGB406	Keep financial records for primary production business
AHCAIS402	Supervise artificial breeding and embryo transfer programs
AHCBAC409	Provide advice on agronomic products
AHCBUS406	Administer finance, insurance and legal requirements

AHCBUS407	Cost a project
AHCBUS408	Operate within a budget framework
AHCBUS409	Participate in an e-business supply chain
AHCBUS410	Report on a project
AHCBUS512	Develop and implement family business structures and relationships
AHCCHM406	Provide advice and sell farm chemicals
AHCCOM403	Develop a composting recipe
AHCIRG435	Determine hydraulic parameters for an irrigation system
AHCIRG436	Implement an irrigation-related environmental protection program
AHCIRG437	Schedule irrigations
AHCIRG439	Interpret and apply irrigation designs
AHCIRG442	Supervise irrigation system installation
AHCLSK420	Provide advice on livestock products
AHCMER408	Coordinate customer service and networking activities
AHCMOM401	Conduct major repair and overhaul of machinery and equipment
AHCMOM403	Provide advice and sell machinery
AHCPCM406	Develop a soil health and plant nutrition program
AHCPER416	Manage a seed bank
AHCPER418	Provide advice on permaculture principles and practices
AHCPER422	Identify and analyse bioregional characteristics and resources
AHCPER423	Design harvesting and storage systems for permaculture products
AHCPER425	Operate within a sustainable community and bioregional development program

AHCSHG402	Conduct equipment experting for machine shearing
AHCSHG405	Arrange employment for shearing operations
AHCSHG407	Prepare shearing team wages
AHCSOL405	Provide information on fertilisers and soil ameliorants
AHCSOL406	Sample soils and interpret results
AHCSOL407	Develop a soil use map for a property
AHCSOL409	Supervise acid sulphate soil remediation and management projects
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
AHCWOL401	Determine wool classing strategies
AHCWOL402	Use individual fleece measurements to prepare wool for sale
AHCWOL403	Plan, implement and review wool harvesting and clip preparation
AHCWOL404	Establish work routines and manage wool harvesting and preparation staff
AHCWRK404	Implement quality assurance procedures
AHCWRK406	Develop community networks
AHCWRK407	Promote community programs
AHCWRK408	Provide information on issues and policies
BSBCMM411	Make presentations
BSBESB406	Establish operational strategies and procedures for new business ventures
BSBESB407	Manage finances for new business ventures
BSBFIN401	Report on financial activity

BSBHRM412	Support employee and industrial relations
BSBHRM415	Coordinate recruitment and onboarding
BSBINS402	Coordinate workplace information systems
BSBLDR414	Lead team effectiveness
BSBOPS403	Apply business risk management processes
BSBPMG428	Apply project life cycle management processes
BSBPRC402	Negotiate contracts
BSBTEC401	Design and produce complex text documents
CPPREP4301	Confirm and market livestock for sale
CPPREP4302	Prepare livestock for sale
FBPFSY4001	Supervise and maintain a food safety plan
MSL913004	Plan and conduct laboratory/field work
MSMSUP280	Manage conflict at work
TAEDEL311	Provide work skill instruction
TAEDEL412	Facilitate workplace-based learning

Group C Prerequisite units

ACMEQU205	Apply knowledge of horse behaviour
ACMEQU406 *	Manage selection of horse for new or inexperienced handler, rider or driver

Prerequisite requirements

Note: Units listed in the *Prerequisite requirement* column that have their own prerequisite requirements are shown with an asterisk (*)

Unit of competency	Prerequisite requirement
ACMEQU306 Provide routine care for horses	ACMEQU212 Handle horses safely

ACMEQU406 Manage selection of horse for new or inexperienced handler, rider or driver	ACMEQU205 Apply knowledge of horse behaviour
AHCLSK418 Escort livestock during export	AHCLSK307 Euthanase livestock AHCLSK331 Comply with industry animal welfare requirements
AHCLSK419 Manage horses for stock work	ACMEQU406 Manage selection of horse for new or inexperienced handler, rider or driver *

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC40122 Certificate IV in Agriculture	AHC40116 Certificate IV in Agriculture	Revised packaging rules to better reflect outcomes Specialisation added Revised and increased core units by 1 unit Added and updated elective units	Not equivalent
AHC40122 Certificate IV in Agriculture	AHC41616 Certificate IV in Organic farming	Qualification merged with Certificate IV in Agriculture, with new organic production specialisation	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>