



Australian Government

AHC40116 Certificate IV in Agriculture

Release: 3

AHC40116 Certificate IV in Agriculture

Modification History

Release	Comments
Release 3	This version released with Agriculture, Horticulture, Conservation and Land Management Training Package Version 2.0.
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.1.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

Qualification Description

This qualification allows individuals to develop post-trade skills and knowledge to become specialists within the agriculture industry. It is designed to meet the needs of supervisors or team leaders in the agriculture industry.

Individuals with this qualification will take responsibility for their own work and for the quality of the work of others within known parameters. They provide and communicate solutions to a range of predictable and sometimes unpredictable problems. Job roles vary across different industry sectors and include:

- Farm team leader
- Farm supervisor.

No occupational licensing, legislative or certification requirements are known to 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:
 - 1 core unit plus

- 11 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 are to be chosen as follows:

- 4 units must be selected from Group A electives listed below
- 5 units must be selected from either the remaining Group A electives or from the Group B electives, or from the Prerequisite Requirements list if a unit is a required for packaging the qualification
- up to 2 units may be selected from the remaining electives listed below, or from the Prerequisite Requirements list if a unit is a required for packaging the qualification
- up to 2 units may be selected from any currently endorsed Training Package or Accredited Course packaged in qualifications at AQF levels 3, 4 or 5.

Core Units

AHCWHS401	Maintain work health and safety processes
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Elective 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.

Group A

AHCBAC401	Manage pastures for livestock production
AHCBAC402	Plan a pasture establishment program
AHCBAC403	Supervise agricultural crop establishment
AHCBAC404	Plan and implement agricultural crop maintenance
AHCBAC405	Supervise agricultural crop harvesting
AHCBAC406	Maintain grain quality in storage
AHCBAC407	Save, prepare and store agricultural seed
AHCCHM402 *	Plan and implement a chemical use program
AHCDRY401	Manage milking shed routines
AHCLSK312	Coordinate artificial insemination and fertility

	management of livestock
AHCLSK317	Plan to exhibit 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
AHCLSK408	Pregnancy test animals
AHCLSK409	Supervise animal health programs
AHCLSK410	Supervise feedlot operations
AHCLSK411	Supervise natural mating of livestock
AHCLSK412	Arrange livestock purchases
AHCLSK413	Design livestock handling facilities
AHCLSK414	Arrange transport for farm produce or livestock
AHCLSK415	Oversee alpaca farm activities
AHCLSK416	Identify and select animals for breeding
AHCLSK418*	Escort livestock during export
AHCLSK419*	Manage horses for stock work
AHCMOM402	Supervise maintenance of property, machinery and equipment
AHCPMG412	Develop a pest management plan
AHCPRK401	Implement a feeding strategy for pig production

Group B

ACMHBR309	Follow stud operational procedures
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ACMHBR311 *	Raise young horses
ACMHBR401	Carry out stud stable management duties
ACMHBR403 *	Handle and care for stallions
AHCAGB401	Plan and implement property improvement
AHCAGB402	Analyse and interpret production data
AHCAGB403	Keep financial records for primary production business
AHCAIS401	Supervise artificial breeding and embryo transfer programs
AHCBUS401	Administer finance, insurance and legal requirements
AHCBUS402	Cost a project
AHCBUS404	Operate within a budget framework
AHCBUS405	Participate in an e-business supply chain
AHCBUS509	Develop and implement business structures and relationships
AHCCHM401 *	Develop procedures to minimise risks in the use of chemicals
AHCDER401	Handle, store and grade deer velvet
AHCDER501	Comply with deer industry national velvet accreditation requirements
AHCDER502	Harvest deer velvet
AHCIRG402	Determine hydraulic parameters for an irrigation system
AHCIRG404	Implement an irrigation-related environmental protection program
AHCIRG408	Schedule irrigations
AHCIRG415	Interpret and apply irrigation designs
AHCIRG431	Supervise irrigation system installation

AHCMER401	Coordinate customer service and networking activities
AHCMER402	Provide advice and sell machinery
AHCMER403	Provide advice and sell farm chemicals
AHCMER404	Provide advice on agronomic products
AHCMER405	Provide advice on livestock products
AHCMER406	Provide information on fertilisers and soil ameliorants
AHCMKH401	Carry out cleaning-time tests of milking machines
AHCMKH402	Design and fabricate milking equipment installations
AHCMKH403	Design and install enterprise milk cooling and storage
AHCMKH404	Install milking equipment
AHCMKH405	Performance test milking machines
AHCMOM401	Conduct major repair and overhaul of machinery and equipment
AHCORG401	Manage biodynamic production
AHCORG402	Manage organic livestock production
AHCORG403	Manage organic soil improvement
AHCPCM402	Develop a soil health and plant nutrition program
AHCSHG401	Apply advanced shearing techniques
AHCSHG402	Conduct equipment experting for machine shearing
AHCSHG403	Account for shearing shed supplies
AHCSHG405	Arrange employment for shearing operations
AHCSHG406	Prepare shearing team wages
AHCSOL401	Sample soils and interpret results
AHCSOL402	Develop a soil use map for a property
AHCSOL403	Prepare acid sulphate soil management plans

AHCSOL404	Supervise acid sulphate soil remediation and management projects
AHCWOL401	Determine wool classing strategies
AHCWOL402	Use individual fleece measurements to prepare wool for sale
AHCWOL403	Prepare for, implement and review wool harvesting, clip preparation and classing
AHCWOL404	Establish work routines and manage wool harvesting and preparation staff
AHCWRK401	Implement and monitor quality assurance procedures
AHCWRK402	Provide information on issues and policies
AHCWRK403	Supervise work routines and staff performance
BSBCMM401	Make a presentation
BSBFIA402	Report on financial activity
BSBHRM405	Support the recruitment, selection and induction of staff
BSBINM401	Implement workplace information system
BSBITU404	Produce complex desktop published documents
BSBLDR403	Lead team effectiveness
BSBPMG417	Apply project life cycle management processes
BSBRSK401	Identify risk and apply risk management processes
BSBSMB405	Monitor and manage small business operations
BSBSMB406	Manage small business finances
MSL913002	Plan and conduct laboratory/field work
MSMSUP280	Manage conflict at work
TAEDEL301	Provide work skill instruction

Prerequisite requirements

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

Unit of competency	Prerequisite requirement
ACMEQU202 Handle horses safely	ACMEQU205 Apply knowledge of horse behaviour
ACMEQU406 Manage selection of horse for new or inexperienced handler, rider or driver	ACMEQU205 Apply knowledge of horse behaviour
ACMHBR311 Raise young horses	ACMHBR307 Handle young horses
ACMHBR403 Handle and care for stallions	ACMEQU202 Handle horses safely*
AHCCHM401 Develop procedures to minimise risks in the use of chemicals	AHCCHM303 Prepare and apply chemicals AHCCHM304 Transport and store chemicals
AHCCHM402 Plan and implement a chemical use program	AHCCHM303 Prepare and apply chemicals AHCCHM304 Transport and store chemicals
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
AHC40116 Certificate IV in Agriculture Release 3	AHC40116 Certificate IV in Agriculture Release 2	Updated unit codes, prerequisite requirements and imported units	Equivalent qualification

Links

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