



Australian Government

Department of Education, Employment and Workplace Relations

AHC40110 Certificate IV in Agriculture

Release: 1

AHC40110 Certificate IV in Agriculture

Modification History

Not Applicable

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.

Pathways Information

Qualification pathways

Pathways into the qualification

This qualification may be accessed by direct entry.

Pathways from the qualification

Further training pathways from this qualification include, but are not limited to, Diploma of Agriculture.

Australian Apprenticeships

This qualification is suitable for an Australian Apprenticeship.

Job roles

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

- Farm team leader
- Farm supervisor
- Shed supervisor

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Entry requirements

There are no entry requirements for this qualification.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • 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 with diverse individuals and groups • Applying knowledge of own role as a part of a team • Applying teamwork skills to a range of situations
Problem-solving	<ul style="list-style-type: none"> • Developing practical and creative solutions to workplace problems • Showing interdependence and initiative in identifying problems • Applying a range of strategies in problem solving
Initiative and enterprise	<ul style="list-style-type: none"> • Being creative in response to workplace challenges • Identifying opportunities that might not be obvious to others • Generating a range of options in response to workplace matters
Planning and organising	<ul style="list-style-type: none"> • Collecting analysing and organising information • Being appropriately resourceful • Taking initiative and making decisions within workplace role
Self-management	<ul style="list-style-type: none"> • Monitoring and evaluating own performance • Taking responsibility at the appropriate level
Learning	<ul style="list-style-type: none"> • Being open to learning, new ideas and techniques • Learning in a range of settings including informal learning • Contributing to the learning of others
Technology	<ul style="list-style-type: none"> • Using technology and related workplace equipment • Using basic technology skills • Using technology to organise data • Applying OHS knowledge when using technology

Packaging Rules

Packaging Rules

Completion of twelve (12) units made up of one (1) core unit and eleven (11) elective units.

ELECTIVE UNITS

- a minimum of four (4) units from elective group A
- a minimum of five (5) units from elective groups A or B
- a maximum of two (2) units from units aligned to Certificates III, IV or Diploma in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in agriculture.

CORE UNIT

Occupational health and safety

AHCOHS401A Maintain Occupational Health and Safety (OHS) processes

ELECTIVE UNITS GROUP A

Broadacre cropping

AHCBAC401A Manage pastures for livestock production
 AHCBAC402A Plan a pasture establishment program
 AHCBAC403A Supervise agricultural crop establishment
 AHCBAC404A Plan and implement agricultural crop maintenance
 AHCBAC405A Supervise agricultural crop harvesting
 AHCBAC406A Maintain grain quality in storage
 AHCBAC407A Save, prepare and store agricultural seed

Dairy

AHCDRY401A Manage milking shed routines

Livestock

AHCLSK312A Coordinate artificial insemination and fertility management of livestock
 AHCLSK317A Plan to exhibit livestock
 AHCLSK401A Develop feeding plans for a production system
 AHCLSK402A Develop livestock feeding plans
 AHCLSK403A Escort livestock during export
 AHCLSK404A Implement and monitor animal welfare programs
 AHCLSK405A Implement intensive production systems
 AHCLSK406A Oversee animal marking operations
 AHCLSK407A Plan and monitor intensive production systems
 AHCLSK408A Pregnancy test animals
 AHCLSK409A Supervise animal health programs
 AHCLSK410A Supervise feedlot operations
 AHCLSK411A Supervise natural mating of livestock
 AHCLSK412A Arrange livestock purchases
 AHCLSK413A Design livestock handling facilities
 AHCLSK414A Arrange transport for farm produce or livestock
 AHCLSK415A Oversee alpaca farm activities

AHCLSK416A Identify and select animals for breeding
AHCLSK417A Manage horses for stock work

Pork production

AHCPRK401A Implement a feeding strategy for pig production

ELECTIVE UNITS GROUP B**Agribusiness**

AHCAGB401A Implement and monitor a property improvement plan
AHCAGB402A Analyse and interpret production data
BSBRK401A Identify risk and apply risk management processes

Artificial insemination

AHCAIS401A Supervise artificial breeding and/or embryo transfer programs

Business

AHCBUS401A Administer finance, insurance and legal requirements
AHCBUS402A Cost a project
AHCBUS403A Support and review business structures and relationships
AHCBUS404A Operate within a budget framework
AHCBUS405A Participate in an e-business supply chain
BSBFIA402A Report on financial activity
BSBSMB405A Monitor and manage small business operations
BSBSMB406A Manage small business finances
BSBWOR402A Promote team effectiveness
BSBHRM402A Recruit, select and induct staff
BSBINM401A Implement workplace information system
BSBITU404A Produce complex desktop published documents
BSBCMM401A Make a presentation

Chemicals

AHCCHM401A Minimise risks in the use of chemicals
AHCCHM402A Plan and implement a chemical use program
AHCCHM403A Prepare safe operating procedures for calibration of equipment

Deer

AHCDER401A Handle, store and grade deer velvet
AHCDER501A Comply with deer industry national velvet accreditation requirements
AHCDER502A Harvest deer velvet

Horse breeding

AHCHBR305A Handle and care for stallions
AHCHBR401A Carry out stud stable management duties
AHCHBR402A Supervise raising young horses

Irrigation

AHCIRG401A Acquire resources for irrigation installation and construction

AHCIRG402A	Determine hydraulic parameters for an irrigation system
AHCIRG403A	Determine seasonal irrigation scheduling tasks
AHCIRG404A	Implement an irrigation-related environmental protection program
AHCIRG405A	Plan and coordinate gravity-fed irrigation systems
AHCIRG406A	Plan on-site irrigation system installation and construction work
AHCIRG407A	Supervise on-site irrigation installation and construction work

Machinery operation and maintenance

AHCMOM401A	Conduct major repair and overhaul of machinery and equipment
AHCMOM402A	Supervise maintenance of property machinery and equipment

Merchandising and sales

AHCMER401A	Coordinate customer service and networking activities
AHCMER402A	Provide advice and sell machinery
AHCMER403A	Provide advice and sell farm chemicals
AHCMER404A	Provide advice on agronomic products
AHCMER405A	Provide advice on livestock products
AHCMER406A	Provide information on fertilisers and soil ameliorants

Milk harvesting

AHCMKH401A	Carry out cleaning-time tests of milking machines
AHCMKH402A	Design and fabricate milking equipment installations
AHCMKH403A	Design and install on-farm milk cooling and storage
AHCMKH404A	Install milking equipment
AHCMKH405A	Performance test milking machines

Organic production

AHCORG401A	Manage biodynamic production
AHCORG402A	Manage organic livestock production
AHCORG403A	Manage organic soil improvement

Pest management

AHCPMG408A	Assess and monitor weed, pest and/or disease control programs
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Plants

AHCPCM402A	Develop a soil health and plant nutrition program
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Shearing

AHCSHG401A	Apply advanced shearing techniques
AHCSHG402A	Conduct equipment experting for machine shearing
AHCSHG403A	Account for shearing shed supplies
AHCSHG404A	Manage shearing and crutching operations
AHCSHG405A	Arrange employment for shearing operations
AHCSHG406A	Prepare shearing team wages
AHCSHG407A	Oversee and instruct shed staff

Soils and media

AHCSOL401A	Sample soils and interpret results
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AHCSOL402A Develop a soil use map for a property
AHCSOL403A Prepare acid sulphate soil management plans
AHCSOL404A Supervise acid sulphate soil remediation and management projects

Wool

AHCWOL401A Determine wool classing strategies
AHCWOL402A Use individual fleece measurements to prepare wool for sale
AHCWOL404A Establish work routines and manage wool harvesting and preparation staff

Work

AHCWRK401A Implement and monitor quality assurance procedures
AHCWRK402A Provide information on issues and policies
AHCWRK403A Supervise work routines and staff performance
PSPPM402B Manage simple projects
MSL913002A Plan and conduct laboratory/field work
SRXGRO002A Deal with conflict
TAADEL301C Provide training through instruction and demonstration of work skills