



Australian Government

Department of Education, Employment and Workplace Relations

AHC30110 Certificate III in Agriculture

Release: 2

AHC30110 Certificate III in Agriculture

Modification History

October 2011: the elective bank groupings in AHC30110 were modified to provide greater flexibility.

Description

This qualification provides a general vocational outcome in agriculture. The qualification enables individuals to select a livestock production or cropping context as a job focus or, in the case of mixed farming enterprises, both.

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, AHC40110 Certificate IV in 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 or station hand
- Farm or station worker.
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Licensing/Regulatory Information

There is no direct link between this qualification and licensing, legislative and/or regulatory requirements. However, an individual unit of competency may specify relevant licensing, legislative and/or regulatory requirements.

Entry Requirements

Entry requirements

There are no entry requirements for this qualification.

Employability Skills Summary

| EMPLOYABILITY SKILLS QUALIFICATION SUMMARY | |
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| Employability Skill | Industry/enterprise requirements for this qualification include: |
| Communication | <ul style="list-style-type: none"> • Listening and understanding • Speaking clearly and directly • Reading and interpreting workplace related documentation • Applying numeracy skills to workplace requirements |
| Teamwork | <ul style="list-style-type: none"> • Working as an individual and a team member • Working with diverse individuals and groups • Applying knowledge of own role as a part of a team |
| Problem-solving | <ul style="list-style-type: none"> • Developing practical and creative solutions to workplace problems • Showing interdependence and initiative in identifying problems • Solving problems individually or in teams |
| Initiative and enterprise | <ul style="list-style-type: none"> • Adapting to new situations • Being creative in response to workplace challenges • Identifying opportunities that might not be obvious to others |
| Planning and organising | <ul style="list-style-type: none"> • Collecting analysing and organising information • Being appropriately resourceful |
| 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 |
| Technology | <ul style="list-style-type: none"> • Using technology and related workplace equipment • Using basic technology skills • Applying OHS knowledge when using technology |

AHC030309

Packaging Rules

Packaging Rules

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

ELECTIVE UNITS

- a minimum of five (5) units must come from elective group A
- a minimum of five (5) units must come from elective groups A or B
- a maximum of four (4) units may be selected from units aligned to Certificates II, III or IV in AHC10 or from any other currently endorsed Training Package or accredited course. Selected units must be relevant to job outcomes in agriculture.

CORE UNITS**Occupational health and safety**

AHCOHS301A Contribute to OHS processes

Work

AHCWRK313A Implement and monitor environmentally sustainable work practices

ELECTIVE UNITS GROUP A**Agribusiness**

AHCAGB301A Keep records for a primary production business

Biosecurity

AHCBIO301A Work effectively in an emergency disease or plant pest response

AHCBIO302A Identify and report unusual disease or plant pest signs

AHCBIO303A Carry out emergency disease or plant pest control procedures at infected premises

AHCBIO304A Carry out movement and security procedures

AHCBIO305A Monitor and review biosecurity measures

Broadacre cropping

AHCBAC301A Conserve forage

AHCBAC302A Establish pastures and crops for livestock production

AHCBAC303A Prepare to receive grains/seeds

AHCBAC304A Test grains/seeds on receipt

AHCBAC305A Undertake preparation of land for agricultural crop production

AHCBAC306A Establish agricultural crops

AHCBAC307A Maintain agricultural crops

AHCBAC308A Undertake agricultural crop harvesting activities

Business

AHCBUS301A Use hand held e-business tools

BSBFIA301A Maintain financial records

BSBINM201A Process and maintain workplace information

BSBITU203A Communicate electronically

BSBITU306A Design and produce business documents
 BSBWOR204A Use business technology

Chemicals

AHCCHM301A Conduct fumigation in enclosed spaces
 AHCCHM302A Fumigate soil using chemicals
 AHCCHM303A Prepare and apply chemicals
 AHCCHM304A Transport, handle and store chemicals
 AHCCHM305A Conduct manual fumigation of vertebrate and invertebrate pests

First aid

HLTFA301B Apply first aid
 HLTFA302A Provide first aid in remote situation

Infrastructure

AHCINF301A Implement property improvement, construction and repair
 AHCINF302A Plan and construct an electric fence
 AHCINF303A Plan and construct conventional fencing

Irrigation

AHCIRG301A Implement a maintenance program for an irrigation system
 AHCIRG304A Operate gravity fed irrigation systems
 AHCIRG305A Operate pressurised irrigation systems
 AHCIRG306A Troubleshoot irrigation systems

Livestock

AHCLSK301A Administer medication to livestock
 AHCLSK305A Maintain livestock water supplies
 AHCLSK308A Identify and draft livestock
 AHCLSK309A Implement animal health control programs
 AHCLSK311A Implement feeding plans for livestock
 AHCLSK314A Prepare animals for parturition
 AHCLSK318A Rear newborn and young livestock
 AHCLSK323A Maintain and monitor feed stocks
 AHCLSK324A Care for and train working dogs
 AHCLSK325A Castrate livestock
 AHCLSK331A Comply with industry animal welfare requirements

Machinery operation and maintenance

AHCMOM301A Coordinate machinery and equipment maintenance and repair
 AHCMOM302A Perform machinery maintenance
 AHCMOM304A Operate machinery and equipment
 AHCMOM305A Operate specialised machinery and equipment
 AHCMOM306A Ground spread fertiliser and soil ameliorant
 AHCMOM308A Operate broadacre and row crop harvest machinery and equipment
 AHCMOM309A Operate broadacre sowing machinery and equipment
 AHCMOM312A Operate row crop planting and seeding machinery and equipment

Merchandising and sales

AHCMER301A Process customer complaints

Pest management

AHCPMG301A Control weeds

AHCPMG302A Control plant pests, diseases and disorders

Work

AHCWRK301A Collect samples for a rural production or horticulture monitoring program

AHCWRK302A Monitor weather conditions

AHCWRK303A Respond to emergencies

AHCWRK305A Coordinate work site activities

AHCWRK306A Comply with industry quality assurance requirements

AHCWRK308A Handle bulk materials in storage area

AHCWRK311A Conduct site inspections

ELECTIVE UNITS GROUP B**Artificial insemination**

AHCAIS301A Collect semen

AHCAIS302A Process and store semen

AHCAIS303A Artificially inseminate livestock

Drainage

AHCDRG301A Install drainage systems

Fire

PUAFIR204B Respond to wildfire

PRMPFES05B Use portable fire fighting equipment

Horse breeding

AHCHBR302A Carry out basic hoof care procedures

AHCHBR303A Carry out mare mating or artificial insemination procedures

AHCHBR304A Educate, ride and care for horses and equipment

AHCHBR305A Handle and care for stallions

AHCHBR306A Prevent and treat equine injury and disease

AHCHBR307A Assess suitability of horses for stock work

Hydroponics

AHCHYD301A Implement a maintenance program for hydroponic systems

AHCHYD302A Install hydroponic systems

Livestock

AHCLSK302A Mate and monitor reproduction of alpacas

AHCLSK303A Carry out feedlot operations

AHCLSK304A Carry out post-mortem examination of livestock

AHCLSK306A Coordinate and monitor production performance

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| AHCLSK307A | Euthanase livestock |
| AHCLSK310A | Implement feeding plans for intensive production |
| AHCLSK312A | Coordinate artificial insemination and fertility management of livestock |
| AHCLSK313A | Monitor livestock production growing environments |
| AHCLSK315A | Prepare for and implement natural mating of livestock |
| AHCLSK316A | Prepare livestock for competition |
| AHCLSK317A | Plan to exhibit livestock |
| AHCLSK319A | Slaughter livestock |
| AHCLSK320A | Coordinate and monitor livestock transport |
| AHCLSK321A | Service and repair bores and windmills |
| AHCLSK322A | Transport farm produce or bulk materials |
| AHCLSK326A | Mix and mill standard stockfeed |
| AHCLSK327A | Collect, store and administer colostrum |
| AHCLSK328A | Remove and facilitate reuse of effluent and manure from an intensive production system |
| AHCLSK329A | Implement procedures for calving |
| AHCLSK330A | Implement procedures for foaling down mares |
| AHCLSK332A | Monitor animals in intensive production systems |
| AHCLSK333A | Monitor pen condition and ration suitability |

Machinery operation and maintenance

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| AHCMOM202A | Operate tractors |
| AHCMOM206A | Conduct grader operations |
| AHCMOM207A | Conduct front-end loader operations |
| AHCMOM307A | Operate a cane harvester |
| AHCMOM310A | Operate land-forming machinery and equipment |
| AHCMOM311A | Operate precision control technology |
| AHCMOM313A | Operate mobile irrigation machinery and equipment |
| AHCMOM314A | Transport machinery |
| AHCMOM315A | Operate chemical application machinery and equipment |
| RIIMPO319A | Conduct backhoe/loader operations |
| RIIMPO324A | Conduct civil construction grader operations |
| RIIMPO318A | Conduct skid steer loader operations |
| TLID1007C | Operate a forklift |
| TLILIC108A | Licence to operate a forklift truck |

Plants

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|------------|---|
| AHCPCM301A | Implement a plant nutrition program |
| AHCPCM302A | Provide information on plants and their culture |
| AHCPCM303A | Identify plant specimens |
| AHCPGD402A | Plan a plant establishment program |

Production horticulture

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| AHCPHT301A | Carry out a crop regulation program |
| AHCPHT302A | Coordinate horticultural crop harvesting |
| AHCPHT303A | Implement a post-harvest program |
| AHCPHT304A | Harvest horticultural crops mechanically |
| AHCPHT305A | Regulate crops |

AHCPHT306A Establish horticultural crops

Shearing

AHCSHG301A Prepare livestock for shearing
AHCSHG302A Prepare combs and cutters for machine shearing
AHCSHG306A Carry out post-shearing procedures
AHCSHG307A Plan and prepare for alpaca shearing

Soils and media

AHCSOL401A Sample soils and interpret results

Tools and equipment

AHCTEQ301A Install and terminate extra low voltage wiring systems
MEM05004C Perform routine oxy acetylene welding
MEM05007C Perform manual heating and thermal cutting
MEM05012C Perform routine manual metal arc welding
MEM05015D Weld using manual metal arc welding process
MEM05017D Weld using gas metal arc welding process
MEM05019D Weld using gas tungsten arc welding process

Vertebrate pests

AHCVPT302A Implement vertebrate pest control program

Wool

AHCWOL304A Prepare fleece wool for classing
AHCWOL308A Prepare facilities for shearing and crutching
AHCWOL310A Press wool for a clip
AHCWOL311A Perform shed duties
AHCWOL312A Class goat fibre
AHCWOL313A Class alpaca fleece