Australian Government

AHC50110 Diploma of Agriculture

Release 4

AHC50110 Diploma of Agriculture

Modification History

Release	TP Version	Comments
4	AHC10v6	Added elective units: • AHCCFI501 Provide technical advice on the Carbon Farming Initiative • AHCCFI502 Assess the feasibility of a Carbon Farming Initiative project • AHCCFI503 Advise on Carbon Farming Initiative project planning and implementation • AHCCFI504 Monitor and report on a Carbon Farming Initiative project • AHCCFI505 Aggregate Carbon Farming Initiative projects • AHCCFI506 Plan a Carbon Farming Initiative livestock project • AHCCFI507 Plan a Carbon Farming Initiative waste or manure management project • AHCCFI508 Plan a Carbon Farming Initiative project to sequester carbon in soil or biochar • AHCCFI509 Plan a Carbon Farming Initiative savannah burning, feral animal or rangelands project • AHCCFI510 Plan a Carbon Farming Initiative vegetation project • AHCCFI511 Plan a Carbon Farming Initiative project to avoid emissions from soil and crops
3	AHC10v5	Added elective unit *AHCPCM505A Conduct environment and food safety risk assessment of plant nutrition and soil fertility programs*
2	AHC10v4	Equivalent imported units updated
1	AHC10	Initial release

Description

The Diploma of Agriculture reflects the role of personnel working on farms and stations who manage enterprise production units and employees and sole operators of agribusinesses who provide crop production advice and services to production enterprises.

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, AHC60110 Advanced 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 production manager
- Production unit manager
- Agronomist
- Station/property manager.
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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	• Reading and interpreting workplace related documentation • Writing to audience needs • Interpreting the needs of internal/external customers • Establishing/using networks
Teamwork	• 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 • Identifying and using the strengths of other team members
Problem-solving	• Developing practical and creative solutions to workplace problems • Applying a range of strategies in problem solving • Listening to and resolving concerns in relation to workplace issues
Initiative and enterprise	• Identifying opportunities that might not be obvious to others • Generating a range of options in response to workplace matters • Translating ideas into action • Developing innovative solutions
Planning and organising	• Taking initiative and making decisions within workplace role • Working within or establishing clear project goals and deliverables • Determining or applying required resources • Allocating people and other resources to tasks and workplace requirements
Self-management	• Having a personal vision and goals • Articulating own ideas and vision • Monitoring and evaluating own performance • Taking responsibility at the appropriate level
Learning	• Being open to learning, new ideas and techniques • Learning in order to accommodate change • Managing own learning

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Technology	• Using technology and related workplace equipment • Using technology to organise data • Applying technology as a management tool

Packaging Rules

Packaging Rules
Completion of ten (10) elective units.

ELECTIVE UNITS

- a minimum of five (5) units must come from elective group A
- a minimum of three (3) units must come from elective groups A or B
- a maximum of two (2) units may be selected from units aligned to Certificate IV, Diploma or Advanced Diploma in AHC10 or from any other currently endorsed Training Package or accredited course. Selected units must be relevant to job outcomes in agriculture.

ELECTIVE UNITS GROUP A

Agribusiness

Unit code	Unit title
AHCAGB501A	Develop climate risk management strategies
AHCAGB505A	Develop a whole farm plan

Business

Unit code	Unit title
AHCBUS501A	Manage staff
AHCBUS506A	Develop and review a business plan
AHCBUS507A	Monitor and review business performance

Broadacre cropping

Unit code	Unit title
AHCBAC501A	Manage agricultural crop production

AHCBAC502A	Manage forage conservation
AHCBAC503A	Manage integrated crop and pasture production
AHCBAC504A	Plan and manage a stored grain program
AHCBAC505A	Plan and manage long-term weed, pest and/or disease control in crops
AHCBAC506A	Manage the harvest of crops
AHCBAC507A	Develop production plans for crops

Livestock

Unit code	Unit title
AHCLSK501A	Manage livestock production
AHCLSK502A	Arrange marketing of livestock
AHCLSK503A	Develop and implement a breeding strategy
AHCLSK504A	Develop livestock health and welfare strategies
AHCLSK505A	Develop production plans for livestock

Occupational health and safety

Unit code	Unit title
AHCOHS501A	Manage Occupational Health and Safety (OHS) processes

Organic production

Unit code	Unit title
AHCORG501A	Develop an organic management plan
AHCORG502A	Prepare the enterprise for organic certification

Soils and media

Unit code	Unit title
AHCSOL501A	Monitor and manage soils for production

ELECTIVE UNITS GROUP B

Agribusiness

Unit code	Unit title
AHCAGB502A	Plan and manage infrastructure requirements
AHCAGB503A	Plan and monitor production processes
AHCAGB504A	Plan production for the whole land/farm based business
BSBWOR501B	Manage personal work priorities and professional development

Business

Unit code	Unit title
AHCBUS502A	Market products and services
AHCBUS503A	Negotiate and monitor contracts
AHCBUS504A	Prepare estimates, quotes and tenders
AHCBUS505A	Develop a marketing plan
AHCBUS508A	Prepare and monitor budgets and financial reports
BSBFIM501A	Manage budgets and financial plans
BSBHRM506A	Manage recruitment selection and induction processes
BSBRES401A	Analyse and present research information
BSBRSK501B	Manage risk
TLIL5019A	Implement and monitor transport logistics
TLIR4002A	Source goods/services and evaluate contractors
TLIR4003A	Negotiate a contract

Carbon farming

Unit code	Unit title
AHCCFI501	Provide technical advice on the Carbon Farming Initiative
AHCCFI502	Assess the feasibility of a Carbon Farming Initiative project

AHCCFI503	Advise on Carbon Initiative project planning and implementation
AHCCFI504	Monitor and report on a Carbon Farming Initiative project
AHCCFI505	Aggregate Carbon Farming Initiative projects
AHCCFI506	Plan a Carbon Farming Initiative livestock project
AHCCFI507	Plan a Carbon Farming Initiative waste or manure management project
AHCCFI508	Plan a Carbon Farming Initiative project to sequester carbon in soil or biochar
AHCCFI509	Plan a Carbon Farming Initiative savannah burning, feral animal or rangelands project
AHCCFI510	Plan a Carbon Farming Initiative vegetation project
AHCCFI511	Plan a Carbon Farming Initiative project to avoid emissions from soil and crops

Chemicals

Unit code	Unit title
AHCCHM401A	Minimise risks in the use of chemicals
AHCCHM501A	Develop and manage a chemical use strategy

Deer

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

Drainage

Unit code	Unit title
AHCDRG501A	Design drainage systems

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Livestock

Unit code	Unit title
AHCLSK506A	Design livestock effluent systems

Machinery operation and maintenance

Unit code	Unit title
AHCMOM501A	Manage machinery and equipment
AHCMOM502A	Implement a machinery management system

Merchandising and sales

Unit code	Unit title
AHCMER501A	Develop a sales strategy for rural products

Natural area restoration

Unit code	Unit title
AHCNAR506A	Develop and implement sustainable land use strategies

Organic production

Unit code	Unit title
AHCORG401A	Manage biodynamic production
AHCORG402A	Manage organic livestock production
AHCORG403A	Manage organic soil improvement

Plants

Unit code	Unit title
AHCPCM505A	Conduct environment and food safety risk assessment of plant nutrition and soil fertility programs

Shearing

Unit code	Unit title

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| AHCSHG405A | Arrange employment for shearing operations |

Water

Unit code	Unit title
AHCWAT502A	Manage water systems

Work

Unit code	Unit title
AHCWRK501A	Plan, implement and review a quality assurance program
AHCWRK502A	Collect and manage data
AHCWRK504A	Assess new industry developments
AHCWRK505A	Manage trial and/or research material
AHCWRK509A	Provide specialist advice to clients
AHCWRK511A	Develop workplace policy and procedures for sustainability

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