Modification History

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

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| AHC40122 | Certificate IV in Agriculture |
| 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 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 | | TAEDEL301 | Provide work skill instruction | | TAEDEL402 | Plan, organise and facilitate learning in the workplace |   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\* | | |

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| 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> |