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 8.0. |

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| AHC401XX | 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 will 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.  No licensing, legislative or certification requirements apply to this qualification at the time of publication. | |
| Entry Requirements  To commence this qualification, individuals must demonstrate they have skills and knowledge in the application of:   * livestock production skills, or * agriculture crop production skills, or * mixed farming cropping and livestock production skills   The skills and knowledge may have been acquired through completion of a Certificate II or higher qualification relating to agriculture, or two years relevant agriculture industry experience. | |
| Packaging Rules  To achieve this qualification, competency must be demonstrated in:   * 12 units of competency: * 3 core unit plus * 9 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 from group A * 3 units must be from groups A or B * 2 units must be from the remaining units listed in groups A or B, or any currently endorsed Training Package or accredited course.   Core Units   |  |  | | --- | --- | | AHCWHS4X1 | Maintain workplace health and safety processes | | AHCWRK4X3 | Supervise work routines and staff performance | | AHCWRK4X5 | Implement and monitor environmentally sustainable work practices |   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   |  |  | | --- | --- | | ACMEQU423 | Manage selection of horse for handler, rider or driver | | 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 | | AHCLSK4X19\* | 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 | | AHCPMG412 | Develop a pest management plan | | AHCPRK401 | Implement a feeding strategy 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 |   Group B   |  |  | | --- | --- | | ACMEQU212 | Handle horses safely | | ACMEQU214 | Prepare to work safely around horses | | AHCAGB404 | Plan and implement infrastructure improvement | | 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 | | AHCBUS4X10 | Report on project | | AHCBUS512 | Develop and implement family business structures and relationships | | AHCCHM406 | Provide advice and sell farm chemicals | | 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 | | AHCORG401 | Manage biodynamic production | | AHCORG402 | Manage organic livestock production | | AHCORG403 | Manage organic soil improvement | | AHCPCM406 | Develop a soil health and plant nutrition program | | AHCSHG402 | Conduct equipment experting for machine shearing | | AHCSHG405 | Arrange employment for shearing operations | | AHCSHG407 | Prepare shearing team wages | | AHCSOL403 | Prepare acid sulphate soil management plans | | 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 | | 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 | | AHCWRK4X1 | Implement quality assurance procedures | | AHCWRK4X2 | Provide information on issues and policies | | AHCWRK4X6 | Develop community networks | | AHCWRK4X7 | Promote community programs | | BSBCMM411 | Make presentations | | BSBFIN401 | Report on financial activity | | BSBHRM412 | Support employee and industrial relations | | BSBHRM415 | Coordinate recruitment and onboarding | | BSBINS402 | Coordinate workplace information systems | | BSBTEC401 | Design and produce complex text documents | | BSBLDR414 | Lead team effectiveness | | BSBOPS403 | Apply business risk management processes | | BSBPMG428 | Apply project life cycle management processes | | BSBPRC402 | Negotiate contracts | | BSBESB406 | Establish operational strategies and procedures for new business ventures | | BSBESB407 | Manage finances for new business ventures | | 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 |   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 | | AHCLSK418 Escort livestock during export | AHCLSK307 Euthanase livestock  AHCLSK331 Comply with industry animal welfare requirements | | AHCLSK4X19 Manage horses for stock work | ACMEQU423 Manage selection of horse for handler, rider or driver | | |

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| Qualification Mapping Information   |  |  |  |  | | --- | --- | --- | --- | | Code and title current version | Code and title previous version | Comments | Equivalence status | | AHC401XX Certificate IV in Agriculture | AHC40116 Certificate IV in Agriculture | Updated to meet standards for Training Packages  Entry requirements added to qualification  Revised packaging rules to better reflect outcomes  Revised and increased core units by 2 units  Added and updated elective units | 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> |