



# **Primary Industries Certificate II in Agriculture (AHC20110)**

<b>Effective from</b>	<b>2012</b>
<b>Date published</b>	<b>October 2011</b>

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## **Primary Industries – Certificate II in Agriculture (AHC20110)**

The Primary Industries Curriculum Framework includes the following documentation:

- the syllabus
- associated documents
- support materials.

All of the Framework documentation is available on the Board's website at [www.boardofstudies.nsw.edu.au/syllabus\\_hsc/primary-industries.html](http://www.boardofstudies.nsw.edu.au/syllabus_hsc/primary-industries.html).

This document, *Primary Industries – Certificate II in Agriculture (AHC20110)*, should be read in conjunction with the [Primary Industries Curriculum Framework Stage 6 Syllabus](#).

## **Introduction to the Primary Industries Curriculum Framework**

The Primary Industries Curriculum Framework is a Board Developed HSC syllabus based on the national *Agriculture, Horticulture and Conservation and Land Management Training Package (AHC10)* and includes a pathway to *Certificate II in Agriculture (AHC20110)*.

The Primary Industries Curriculum Framework contains the following HSC VET courses (detailed in [Section 2 of the Syllabus](#)):

- Primary Industries (120 indicative hours)
- Primary Industries (240 indicative hours)
- Primary Industries Specialisation Study (60 or 120 or 180 or 240 indicative hours).

HSC VET courses are dual accredited. Students can gain credit towards:

- the NSW Higher School Certificate (HSC)
- an AQF VET qualification – eg Certificate II in Agriculture.

As a result of the dual accreditation, HSC VET courses are governed by two sets of rules:

- HSC unit credit requirements determined by:
  - HSC course requirements (detailed in [Section 2 of the Syllabus](#))
  - the requirements for satisfactory course completion – outlined in the Board of Studies [Assessment, Certification and Examination \(ACE\) Manual](#)
- AQF VET qualification requirements specified in:
  - the qualification packaging rules for Certificate II in Agriculture – defined in the AHC10 Training Package (detailed on pp 18–23 of this document)
  - RTO policies.

It is important to note that the rules and structure of HSC VET courses are not identical to the qualification packaging rules.

HSC VET courses can only be delivered by a Registered Training Organisation (RTO) who must:

- deliver the HSC VET course in accordance with Board of Studies' requirements
- meet the requirements of the VET Quality Framework [formerly referred to as the Australian Quality Training Framework (AQTF)]
- meet the Training Package requirements.

## **The Primary Industries Curriculum Framework and Certificate II in Agriculture**

The AHC10 Training Package qualification packaging rules for *Certificate II in Agriculture (AHC20110)* requires the achievement of:

- 2 core units of competency
- plus 15 elective units of competency.

(Refer to pp 18–23 of this document for further detail.)

To achieve *Certificate II in Agriculture (AHC20110)* as a part of the HSC, students will generally complete the following HSC VET course from the Primary Industries Curriculum Framework:

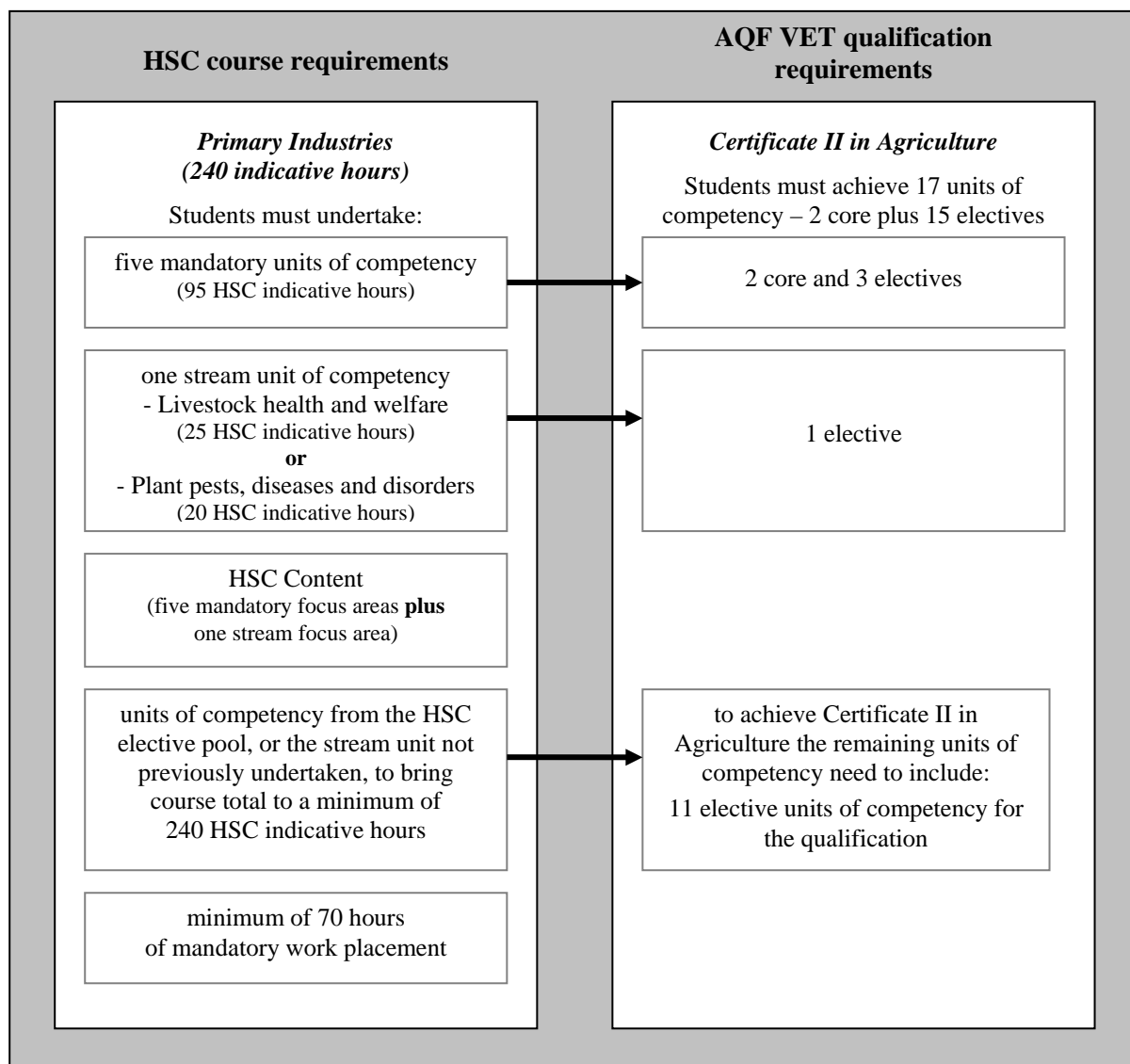
- Primary Industries (240 indicative hours) – 4 HSC credit units.

To be eligible for the award of the HSC students must satisfactorily complete a pattern of study that includes 22 HSC credit units (refer to the [Assessment, Certification and Examination \(ACE\) Manual](#) for further detail).

Students undertaking *Certificate II in Agriculture (AHC20110)* through the Primary Industries (240 indicative hours) course will be eligible for 4 HSC credit units towards the 22 HSC credit units required for the award of their HSC.

## Primary Industries HSC course requirements for Certificate II in Agriculture

Refer to pp 9–17 of this document and [Section 2 of the Syllabus](#) for further detail.



### Work placement

Work placement is a mandatory HSC VET course requirement with minimum hours assigned to each HSC VET course. Non-completion of work placement means the student has not met the HSC VET course requirements and cannot count the HSC credit units for the course towards the award of their HSC. They would still be credentialled for the AQF VET qualification outcome.

The minimum work placement requirement for students undertaking *Certificate II in Agriculture (AHC20110)* is:

- Primary Industries (240 indicative hours) – 70 hours.

Work placement is to be undertaken in an appropriate primary industries work environment.

Refer to the [Work Placement in Primary Industries](#) document for industry-specific advice regarding work placement in primary industries.

## HSC Content

The HSC Content for this Framework is organised into focus areas. Each focus area prescribes the scope of learning for the HSC. This is drawn from the associated units of competency (outlined in Table 1 below).

Students undertaking the Primary Industries (240 indicative hours) course must address:

- all of the mandatory focus areas:
  - Chemicals
  - Safety
  - Sustainability
  - Weather
  - Working in the industry
- one stream focus area:
  - Livestock health and welfare

**or**

  - Plant pests, diseases and disorders.

The content description for each focus area is detailed in [Section 3 of the Syllabus](#).

The HSC examination in Primary Industries is based on the HSC Content and employability skills for the Certificate II qualifications in this Framework ([refer to Section 4 of the Syllabus](#)).

**Table 1 Focus areas and associated units of competency for Certificate II in Agriculture (AHC20110)**

	Associated units of competency	
Focus area	Unit code	Unit title
<b>Mandatory</b>		
Chemicals	AHCCHM201A	Apply chemicals under supervision
Safety	AHCOHS201A	Participate in OHS processes
Sustainability	AHCWRK209A	Participate in environmentally sustainable work practices
Weather	AHCWRK201A	Observe and report on weather
Working in the industry	AHCWRK204A	Work effectively in the industry
<b>Stream</b>		
Livestock health and welfare	AHCLSK202A	Care for health and welfare of livestock
<b>or</b>		
Plant pests, diseases and disorders	AHCPMG202A	Treat plant pests, diseases and disorders

## **HSC examination**

The Primary Industries Curriculum Framework includes an HSC examination which provides the opportunity for students to have their HSC mark contribute to the calculation of their Australian Tertiary Admission Rank (ATAR).

Students who have completed the Primary Industries (240 indicative hours) course are eligible to sit for the Primary Industries HSC examination.

Students who want to sit for the Primary Industries HSC examination must be entered for both the Primary Industries course and the Primary Industries examination on *Schools Online (Administration)*.

The Primary Industries HSC examination is based on the HSC Content (refer to [Section 3 of the Syllabus](#)) and employability skills for the Certificate II qualifications in this Framework (refer to p 23 of this document and the [Employability Skills in Primary Industries](#) document).

The Primary Industries HSC examination is a written exam independent of the competency-based assessment undertaken during the course and has no impact on student eligibility for *Certificate II in Agriculture (AHC20110)*.

## **HSC examination specifications**

The HSC examination specifications, which describe the format of the Primary Industries HSC examination, are contained in the [Assessment and Reporting in Primary Industries Stage 6](#) document.

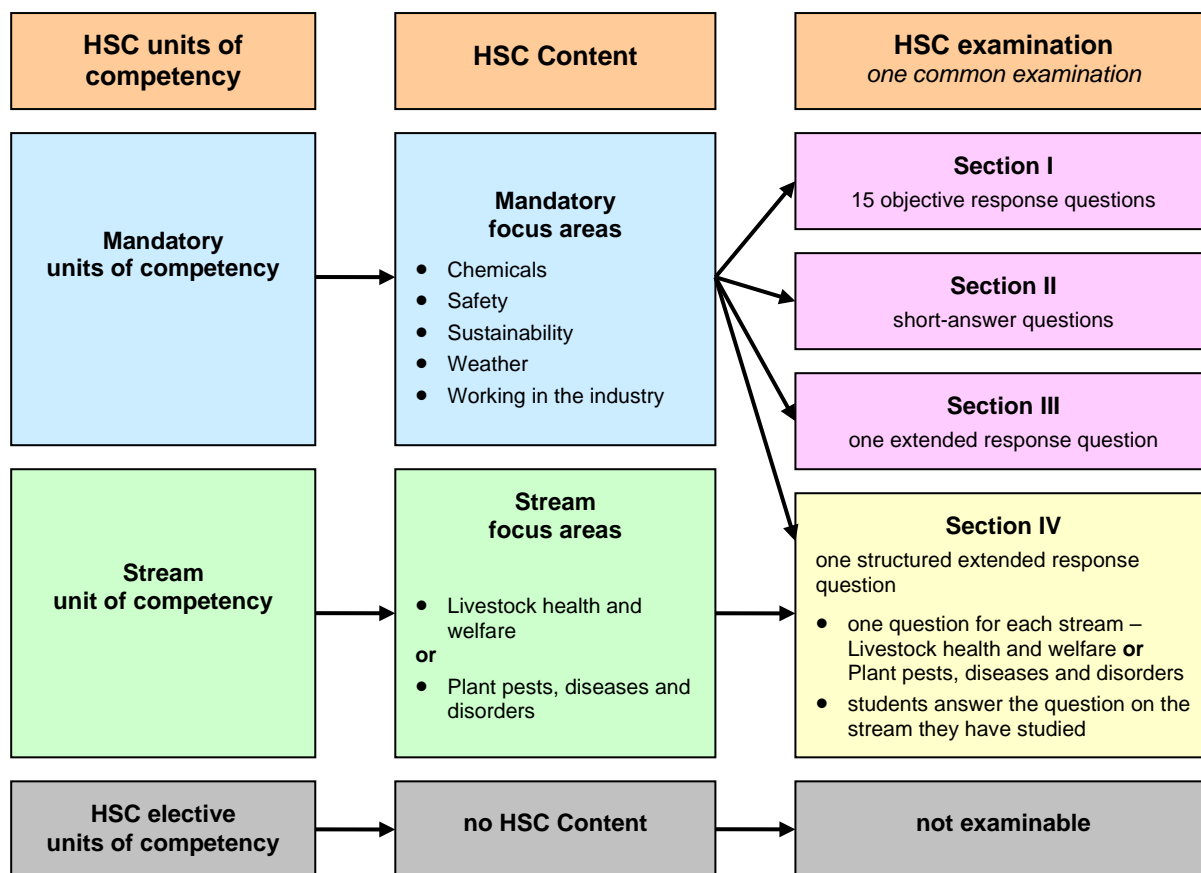
The Primary Industries HSC examination will consist of a 2-hour written paper. The paper will consist of four sections:

- Section I – objective response questions to the value of 15 marks
- Section II – short-answer questions to the value of 35 marks
- Section III – one extended response question to the value of 15 marks
- Section IV – two structured extended response questions (one for each of the stream focus areas: Livestock health and welfare or Plant pests, diseases and disorders) each to the value of 15 marks. Candidates will be required to answer the question on the stream they have studied.

The Primary Industries HSC examination is based on the HSC Content (focus areas) and employability skills for the Certificate II qualifications:

- Sections I, II and III are based on the mandatory focus areas
- Section IV is based on the stream focus areas and can also draw from the mandatory focus areas.

**Relationship of the Primary Industries (240 indicative hours) course structure to the Primary Industries HSC examination**



## Status of units of competency for the Primary Industries HSC courses and Certificate II in Agriculture

To achieve *Certificate II in Agriculture (AHC20110)* the AHC10 Training Package requires students to achieve 17 units of competency:

- 2 core units of competency
- 15 elective units of competency.

To achieve *Certificate II in Agriculture (AHC20110)* as a part of the HSC, students will generally do the HSC VET Primary Industries (240 indicative hours) course.

To meet HSC course requirements, students completing the Primary Industries (240 indicative hours) course must undertake **five mandatory units of competency** and **one stream unit of competency** plus HSC elective units of competency to bring course total to a minimum of 240 HSC indicative hours.

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate II in Agriculture <i>2 core &amp; 15 electives</i> ▪ <i>min 7 group A electives</i> ▪ <i>min 5 group A &amp;/or B electives</i> ▪ <i>max 3 'other' electives</i>
mandatory	20	AHCCHM201A	Apply chemicals under supervision	elective – group A
mandatory	20	AHCOHS201A	Participate in OHS processes	core
mandatory	15	AHCWRK201A	Observe and report on weather	elective – group A
mandatory	20	AHCWRK204A	Work effectively in the industry	elective – group A
mandatory	20	AHCWRK209A	Participate in environmentally sustainable work practices	core
Livestock health and welfare stream <b>or</b> Plant pests, diseases and disorders stream	25  20	AHCLSK202A  AHCPMG202A	Care for health and welfare of livestock  Treat plant pests, diseases and disorders	elective – group A  elective – group A
<b>sub-total HSC indicative hours – mandatory and stream units of competency</b>	<b>115–120</b>			

Primary Industries Curriculum Framework – Certificate II in Agriculture

Students undertaking the Primary Industries (240 indicative hours) course with the **Livestock health and welfare stream** must undertake an additional **120 HSC indicative hours** of units of competency to meet the HSC course requirements.

Students undertaking the Primary Industries (240 indicative hours) course with the **Plant pests, diseases and disorders stream** must undertake an additional **125 HSC indicative hours** of units of competency to meet the HSC course requirements.

Regardless of the stream undertaken for *Certificate II in Agriculture (AHC20110)* this must include **11 units of competency** that are elective for the qualification:

- minimum **3 more** electives must come from group A
- minimum **5 more** electives must come from group A and/or B
- with a maximum of **3** ‘other’ electives.

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate II in Agriculture 2 core & 15 electives ▪ min 7 group A electives ▪ min 5 group A &/or B electives ▪ max 3 ‘other’ electives
elective	30	AHCAGB301A	Keep records for a primary production business	other elective
elective	10	AHCBIO201A	Inspect and clean machinery for plant, animal and soil material	elective – group A
elective	15	AHCBIO202A	Follow site quarantine procedures	elective – group A
elective	15	AHCBAC201A	Assist agricultural crop establishment	elective – group A
elective	15	AHCBAC202A	Assist agricultural crop maintenance	elective – group A
elective	15	AHCBAC203A	Assist agricultural crop harvesting	elective – group A
elective	20	AHCBAC301A	Conserve forage	other elective
elective	25	AHCBAC302A	Establish pastures and crops for livestock production	other elective
elective	20	AHCBAC305A	Undertake preparation of land for agricultural crop production	other elective
elective	25	AHCBAC306A	Establish agricultural crops	other elective
elective	20	AHCBAC307A	Maintain agricultural crops	other elective
elective	20	AHCBAC308A	Undertake agricultural crop harvesting activities	other elective
elective	15	AHCBUS301A	Use hand held e-business tools	other elective
elective	15	AHCCHM304A	Transport, handle and store chemicals	other elective

Primary Industries Curriculum Framework – Certificate II in Agriculture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate II in Agriculture 2 core & 15 electives ▪ min 7 group A electives ▪ min 5 group A &/or B electives ▪ max 3 'other' electives
elective	20	AHCDRY201A	Milk livestock	elective – group B
elective	15	AHCDRG201A	Maintain drainage systems	elective – group B
elective	30	AHCDRG301A	Install drainage systems	other elective
elective	15	AHCFAU201A	Recognise fauna	other elective
elective	15	HLTFA201A	Provide basic emergency life support	elective – group A
elective	20	HLTFA301B	Apply first aid	other elective
elective	20	AHCHBR201A	Monitor horse health and welfare	elective – group B
elective	25	AHCHBR202A	Handle young horses	elective – group B
elective	30	AHCHBR203A	Provide daily care for horses	elective – group B
elective	25	AHCHBR204A	Assist with mating procedures and parturition of horses	elective – group B
elective	15	AHCHBR302A	Carry out basic hoof care procedures	other elective
elective	30	AHCHBR304A	Educate, ride and care for horses and equipment	other elective
elective	25	AHCHBR306A	Prevent and treat equine injury and disease	other elective
elective	20	AHCHBR307A	Assess suitability of horses for stock work	other elective
elective	15	AHCILM201A	Maintain cultural places	other elective
elective	15	AHCILM202A	Observe and report plants and/or animals	other elective
elective	25	AHCILM203A	Record information about country	other elective
elective	30	AHCILM304A	Follow cultural protocols	other elective
elective	15	AHCINF201A	Carry out basic electric fencing operations	elective – group A
elective	15	AHCINF202A	Install, maintain and repair fencing	elective – group A
elective	20	AHCINF203A	Maintain properties and structures	elective – group A
elective	25	AHCINF302A	Plan and construct an electric fence	other elective

Primary Industries Curriculum Framework – Certificate II in Agriculture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate II in Agriculture 2 core & 15 electives ▪ min 7 group A electives ▪ min 5 group A &/or B electives ▪ max 3 'other' electives
elective	20	AHCINF303A	Plan and construct conventional fencing	other elective
elective	20	AHCIRG201A	Assist with the operation of gravity fed irrigation	elective – group A
elective	20	AHCIRG202A	Assist with the operation of pressurised irrigation	elective – group B
elective	15	AHCIRG204A	Lay irrigation and/or drainage pipes	elective – group A
elective	15	AHCIRG206A	Maintain pressurised irrigation systems	elective – group B
elective	30	AHCIRG302A	Install irrigation systems	other elective
elective	15	AHCIRG305A	Operate pressurised irrigation systems	other elective
elective	15	AHCLSC201A	Assist with landscape construction work	other elective
elective	20	AHCLSC202A	Construct low-profile timber or modular retaining walls	other elective
elective	20	AHCLSC203A	Install aggregate paths	other elective
elective	25	AHCLSC204A	Lay paving	other elective
elective	10	AHCLSC205A	Install tree protection devices	other elective
elective	35	AHCLSC301A	Set out site for construction works	other elective
elective	35	AHCLSC304A	Erect timber structures and features	other elective
elective	35	AHCLSC306A	Implement a paving project	other elective
elective	35	AHCLSC307A	Implement a retaining wall project	other elective
elective	15	AHCLSK201A	Assist with feeding in a production system	elective – group B
elective	15	AHCLSK203A	Carry out birthing duties	elective – group A
elective	10	AHCLSK204A	Carry out regular livestock observation	elective – group A
elective	15	AHCLSK205A	Handle livestock using basic techniques	elective – group A
elective	15	AHCLSK206A	Identify and mark livestock	elective – group A
elective	10	AHCLSK207A	Load and unload livestock	elective – group A

Primary Industries Curriculum Framework – Certificate II in Agriculture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate II in Agriculture 2 core & 15 electives ▪ min 7 group A electives ▪ min 5 group A &/or B electives ▪ max 3 'other' electives
elective	15	AHCLSK208A	Monitor livestock to parturition	elective – group A
elective	10	AHCLSK209A	Monitor water supplies	elective – group A
elective	10	AHCLSK210A	Muster and move livestock	elective – group A
elective	15	AHCLSK211A	Provide feed for livestock	elective – group A
elective	25	AHCLSK212A	Ride horses to carry out stock work	elective – group B
elective	15	AHCLSK301A	Administer medication to livestock	other elective
elective	15	AHCLSK303A	Carry out feedlot operations	other elective
elective	15	AHCLSK305A	Maintain livestock water supplies	other elective
elective	20	AHCLSK308A	Identify and draft livestock	other elective
elective	20	AHCLSK310A	Implement feeding plans for intensive production	other elective
elective	20	AHCLSK311A	Implement feeding plans for livestock	other elective
elective	25	AHCLSK312A	Coordinate artificial insemination and fertility management of livestock	other elective
elective	20	AHCLSK313A	Monitor livestock production growing environments	other elective
elective	20	AHCLSK314A	Prepare animals for parturition	other elective
elective	15	AHCLSK316A	Prepare livestock for competition	other elective
elective	20	AHCLSK317A	Plan to exhibit livestock	other elective
elective	25	AHCLSK318A	Rear newborn and young livestock	other elective
elective	15	AHCLSK323A	Maintain and monitor feed stocks	other elective
elective	20	AHCLSK324A	Care for and train working dogs	other elective
elective	20	AHCLSK329A	Implement procedures for calving	other elective
elective	20	AHCLSK331A	Comply with industry animal welfare requirements	other elective

Primary Industries Curriculum Framework – Certificate II in Agriculture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate II in Agriculture 2 core & 15 electives ▪ min 7 group A electives ▪ min 5 group A &/or B electives ▪ max 3 'other' electives
elective	15	AHCMOM201A	Operate two wheel motorbikes	elective – group A
elective	20	AHCMOM202A	Operate tractors	elective – group A
elective	15	AHCMOM203A	Operate basic machinery and equipment	elective – group A
elective	25	AHCMOM204A	Undertake operational maintenance of machinery	elective – group A
elective	15	AHCMOM212A	Operate quad bikes	elective – group A
elective	25	AHCMOM302A	Perform machinery maintenance	other elective
elective	20	AHCMOM304A	Operate machinery and equipment	other elective
elective	20	AHCMOM305A	Operate specialised machinery and equipment	other elective
elective	20	AHCMOM306A	Ground spread fertiliser and soil ameliorant	other elective
elective	15	AHCMOM308A	Operate broadacre and row crop harvest machinery and equipment	other elective
elective	15	AHCMOM309A	Operate broadacre sowing machinery and equipment	other elective
elective	15	AHCMOM311A	Operate precision control technology	other elective
elective	15	AHCMOM312A	Operate row crop planting and seeding machinery and equipment	other elective
elective	20	SIRXCCS001A	Apply point-of-sale handling procedures	other elective
elective	20	SIRXICT001A	Operate retail technology	other elective
elective	15	SIRXSLS001A	Sell products and services	other elective
elective	25	AHCNAR201A	Carry out natural area restoration works	other elective
elective	20	AHCNAR202A	Maintain wildlife habitat refuges	other elective
elective	20	FPIFGM2201A	Collect seed	other elective
elective	10	AHCNSY201A	Pot up plants	other elective
elective	15	AHCNSY202A	Tend nursery plants	other elective
elective	20	AHCNSY203A	Undertake propagation activities	other elective

Primary Industries Curriculum Framework – Certificate II in Agriculture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate II in Agriculture 2 core & 15 electives ▪ min 7 group A electives ▪ min 5 group A &/or B electives ▪ max 3 'other' electives
elective	15	AHCNSY204A	Maintain indoor plants	other elective
elective	25	AHCNSY301A	Maintain nursery plants	other elective
elective	15	AHCNSY302A	Receive and dispatch nursery products	other elective
elective	25	AHCNSY303A	Install and maintain plant displays	other elective
elective	15	AHCPGD201A	Plant trees and shrubs	other elective
elective	15	AHCPGD202A	Prepare and maintain plant displays	other elective
elective	15	AHCPGD203A	Prune shrubs and small trees	other elective
elective	15	AHCPGD204A	Transplant small trees	other elective
elective	15	AHCPGD206A	Conduct visual inspection of park facilities	other elective
elective	10	AHCPMG201A	Treat weeds	elective – group A
elective	25	AHCPMG301A	Control weeds	other elective
elective	20	AHCPCM201A	Recognise plants	other elective
elective	15	AHCPCM202A	Collect, prepare and preserve plant specimens	other elective
elective	25	AHCPCM301A	Implement a plant nutrition program	other elective
elective	20	AHCPHT201A	Plant horticultural crops	elective – group B
elective	20	AHCPHT203A	Support horticultural crop harvesting	elective – group B
elective	20	AHCPHT205A	Carry out postharvest operations	elective – group B
elective	20	AHCSHG201A	Crutch sheep	elective – group B
elective	15	AHCSHG202A	Assist in preparing for shearing and crutching	elective – group B
elective	40	AHCSHG203A	Shear sheep to novice level	elective – group B
elective	40	AHCSHG204A	Shear sheep to improver level	elective – group B
elective	10	AHCSHG205A	Grind combs and cutters for machine shearing	elective – group B

Primary Industries Curriculum Framework – Certificate II in Agriculture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	Certificate II in Agriculture 2 core & 15 electives ▪ min 7 group A electives ▪ min 5 group A &/or B electives ▪ max 3 'other' electives
elective	10	AHCSHG206A	Prepare handpiece and downtube for machine shearing	elective – group B
elective	15	AHCSOL201A	Determine basic properties of soil and/or growing media	elective – group B
elective	20	AHCSOL301A	Prepare growing media	other elective
elective	20	AHCSOL401A	Sample soils and interpret results	other elective
elective	15	AHCSAW201A	Conduct erosion and sediment control activities	elective – group B
elective	20	AHCTRF201A	Assist with turf construction	other elective
elective	25	AHCTRF202A	Prepare turf surfaces for play	other elective
elective	20	AHCTRF203A	Renovate grassed areas	other elective
elective	30	AHCTRF204A	Support turf establishment	other elective
elective	45	AHCTRF301A	Construct turf playing surfaces	other elective
elective	30	AHCTRF302A	Establish turf	other elective
elective	25	AHCTRF303A	Implement a grassed area maintenance program	other elective
elective	25	AHCTRF304A	Monitor turf health	other elective
elective	25	AHCTRF305A	Renovate sports turf	other elective
elective	15	AHCWOL201A	Pen sheep	elective – group B
elective	20	AHCWOL202A	Perform board duties	elective – group B
elective	15	AHCWOL203A	Carry out wool pressing	elective – group B
elective	15	AHCWRK202A	Observe environmental work practices	other elective
elective	10	AHCWRK205A	Participate in workplace communications	elective – group A
elective	15	AHCWRK206A	Observe enterprise quality assurance procedures	elective – group A
elective	10	AHCWRK207A	Collect and record production data	elective – group A
elective	15	AHCWRK208A	Provide information on products and services	other elective

Primary Industries Curriculum Framework – Certificate II in Agriculture

Status in Primary Industries Curriculum Framework	HSC indicative hours	Unit code	Unit title	<b>Certificate II in Agriculture</b> <i>2 core &amp; 15 electives</i> <ul style="list-style-type: none"> <li>▪ <i>min 7 group A electives</i></li> <li>▪ <i>min 5 group A &amp;/or B electives</i></li> <li>▪ <i>max 3 'other' electives</i></li> </ul>
elective	20	AHCWRK303A	Respond to emergencies	other elective
elective	20	AHCWRK305A	Coordinate work site activities	other elective
elective	20	AHCWRK306A	Comply with industry quality assurance requirements	other elective
elective	10	TLID107C	Shift materials safely using manual handling methods	elective – group A
elective	20	CPPDSM4068A	Prepare livestock for sale at saleyards	other elective

## Minimum requirements for Certificate II in Agriculture (AHC20110)

The following pages outline the qualification packaging rules for the AQF VET qualification AHC20110. This information is reproduced directly from the *Agriculture, Horticulture and Conservation and Land Management Training Package (AHC10)*. It is included so that the minimum requirements for achieving the industry qualification are clear. Students who meet these requirements will be eligible for the relevant AQF VET Certificate, whether or not they have met the additional requirements of the HSC course.

A Statement of Attainment will be issued for achievement of single or multiple units of competency. At a later date, a person can undertake further skill development or training and be assessed against additional competencies until they have achieved all the competencies required for an AQF VET qualification. RTOs must recognise and give credit for the competencies recorded on a Statement of Attainment.

**Please note: Only the shaded units of competency are available in the Primary Industries Curriculum Framework. HSC course requirements are outlined in [Section 2 of the Syllabus](#).**

## AHC20110 Certificate II in Agriculture

### Modification history

October 2011: the elective bank groupings in AHC20110 were modified to provide greater flexibility.

### Description

This qualification provides an entry-level occupational 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. Completion of the Cotton Industry Skill Set will provide credit in this qualification.

#### Pathways from the qualification

Further training pathways from this qualification include, but are not limited to, Certificate III in Agriculture (Dairy Production), Certificate III in Pork Production, Certificate III in Horse Breeding.

### 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:

- assistant animal attendant/stockperson
- assistant farm or station hand
- assistant farm or station worker
- assistant farm or station labourer.

### 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

Not applicable.

### Packaging rules

Completion of seventeen (17) units made up of two (2) core units and fifteen (15) elective units.

### Elective units

- a minimum of seven (7) units must come from elective group A
- a minimum of five (5) units must come from elective groups A or B
- a maximum of three (3) units may be selected from units aligned to Certificates II or III 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

AHCOHS201A	Participate in OHS processes
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#### Work

AHCWRK209A	Participate in environmentally sustainable work practices
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### Elective Group A

#### Biosecurity

AHCBIO201A	Inspect and clean machinery for plant, animal and soil material
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AHCBIO202A	Follow site quarantine procedures
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#### Broadacre cropping

AHCBAC201A	Assist agricultural crop establishment
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AHCBAC202A	Assist agricultural crop maintenance
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AHCBAC203A	Assist agricultural crop harvesting
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#### Chemicals

AHCCHM201A	Apply chemicals under supervision
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#### First aid

HLTFA201A	Provide basic emergency life support
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#### Infrastructure

AHCINF201A	Carry out basic electric fencing operations
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AHCINF202A	Install, maintain and repair fencing
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AHCINF203A	Maintain properties and structures
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AHCINF204A	Fabricate and repair metal or plastic structures
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#### Irrigation

AHCIRG201A	Assist with the operation of gravity fed irrigation
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AHCIRG204A Lay irrigation and/or drainage pipes

**Livestock**

AHCLSK202A Care for health and welfare of livestock

AHCLSK203A Carry out birthing duties

AHCLSK204A Carry out regular livestock observation

AHCLSK205A Handle livestock using basic techniques

AHCLSK206A Identify and mark livestock

AHCLSK207A Load and unload livestock

AHCLSK208A Monitor livestock to parturition

AHCLSK209A Monitor water supplies

AHCLSK210A Muster and move livestock

AHCLSK211A Provide feed for livestock

**Machinery operation and maintenance**

AHCMOM201A Operate two wheel motorbikes

AHCMOM202A Operate tractors

AHCMOM203A Operate basic machinery and equipment

AHCMOM204A Undertake operational maintenance of machinery

AHCMOM205A Operate vehicles

AHCMOM212A Operate quad bikes

FPICOT2234A Operate 4x4 vehicle

**Pest management**

AHCPMG201A Treat weeds

AHCPMG202A Treat plant pests, diseases and disorders

**Tools and equipment**

MEM18001C Use hand tools

MEM18002B Use power tools/hand held operations

**Work**

AHCWRK201A Observe and report on weather

AHCWRK203A Operate in isolated and remote situations

AHCWRK204A Work effectively in the industry

AHCWRK205A Participate in workplace communications

AHCWRK206A Observe enterprise quality assurance procedures

AHCWRK207A Collect and record production data

TLID107C Shift materials safely using manual handling methods

**Elective Group B**

**Artificial insemination**

AHCAIS201A Assist with artificial insemination procedures

**Beekeeping**

AHCBEK201A	Support beekeeping work
AHCBEK202A	Use a bee smoker
AHCBEK203A	Open and reassemble a beehive
AHCBEK204A	Construct and repair beehives

**Broadacre cropping**

AHCBAC204A	Prepare grain storages
AHCBAC205A	Operate cane haulage vehicle

**Dairy**

AHCDRY201A	Milk livestock
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**Drainage**

AHCDRG201A	Maintain drainage systems
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**Horse breeding**

AHCHBR201A	Monitor horse health and welfare
AHCHBR202A	Handle young horses
AHCHBR203A	Provide daily care for horses
AHCHBR204A	Assist with mating procedures and parturition of horses

**Irrigation**

AHCIRG202A	Assist with the operation of pressurised irrigation
AHCIRG205A	Maintain gravity-fed irrigation systems
AHCIRG206A	Maintain pressurised irrigation systems

**Livestock**

AHCLSK201A	Assist with feeding in a production system
AHCLSK212A	Ride horses to carry out stock work
AHCLSK213A	Clean out production sheds
AHCLSK214A	Maintain production growing environments
AHCLSK215A	Carry out alpaca handling and husbandry operations

**Machinery operation and maintenance**

AHCMOM206A	Conduct grader operations
AHCMOM207A	Conduct front-end loader operations
AHCMOM208A	Conduct excavator operations
AHCMOM209A	Conduct dozer operations
AHCMOM210A	Conduct scraper operations
TLID1007C	Operate a forklift
TLID2207C	Conduct weighbridge operations

**Pork production**

AHCPRK201A	Care for health and welfare of pigs
AHCPRK202A	Care for weaner and grower pigs

AHCPRK203A Move and handle pigs

### **Poultry**

AHCPLY201A Collect store and handle eggs from breeder flocks

AHCPLY202A Maintain health and welfare of poultry

AHCPLY203A Set up shed for placement of day-old chickens

AHCPLY204A Collect and pack eggs for human consumption

### **Production horticulture**

AHCPHT201A Plant horticultural crops

AHCPHT202A Carry out canopy maintenance

AHCPHT203A Support horticultural crop harvesting

AHCPHT205A Carry out postharvest operations

### **Shearing**

AHCSHG201A Crutch sheep

AHCSHG202A Assist in preparing for shearing and crutching

AHCSHG203A Shear sheep to novice level

AHCSHG204A Shear sheep to improver level

AHCSHG205A Grind combs and cutters for machine shearing

AHCSHG206A Prepare handpiece and downtube for machine shearing

AHCSHG207A Shear goats

AHCSHG208A Shear alpacas

AHCSHG209A Support alpaca shearing operations

### **Soil and water conservation**

AHCSAW201A Conduct erosion and sediment control activities

### **Soils and media**

AHCSOL201A Determine basic properties of soil and/or growing media

### **Vertebrate pests**

AHCVPT201A Clear features that harbour pest animals

AHCVPT202A Muster pest animals

AHCVPT203A Use firearms to humanely destroy animals

### **Water**

AHCWAT201A Set up, operate and maintain water delivery systems for compost

### **Wool**

AHCWOL201A Pen sheep

AHCWOL202A Perform board duties

AHCWOL203A Carry out wool pressing

AHCWOL204A Undertake basic skirting of alpaca fleece

## Employability Skills Qualification Summary

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> <li>• Listening and understanding</li> <li>• Reading and interpreting workplace related documentation</li> <li>• Writing to audience needs</li> <li>• Applying numeracy skills to workplace requirements</li> <li>• Establishing/using networks</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• Working as an individual and a team member</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>• Showing interdependence and initiative in identifying problems</li> <li>• Solving problems individually or in teams</li> <li>• Applying a range of strategies in problem-solving</li> <li>• Using numeracy skills to solve problems</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• Adapting to new situations</li> <li>• Being creative in response to workplace challenges</li> <li>• Identifying opportunities that might not be obvious to others</li> <li>• Generating a range of options in response to workplace matters</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• Collecting, analysing and organising information</li> <li>• Being appropriately resourceful</li> <li>• Taking initiative and making decisions within workplace role</li> <li>• Determining or applying required resources</li> <li>• Adapting resource allocations to cope with contingencies</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>• Taking responsibility at the appropriate level</li> </ul>
Learning	<ul style="list-style-type: none"> <li>• Learning in order to accommodate change</li> </ul>
Technology	<ul style="list-style-type: none"> <li>• Using technology and related workplace equipment</li> <li>• Using basic technology skills</li> </ul>