

2.2.3 Context of assessment for Units of Competency

Due to the large number of common and generic units of competency in the Conservation and Land Management Training Package (RTD02), Amenity Horticulture Training Package (RTF03) and the Rural Production Training Package (RTE03), it is recommended the context in which the unit of competency has been assessed be identified.

Units of competency relating to general categories such as crops, livestock, machinery, equipment or vehicles may apply to a range of different contexts. For example crops may include cotton, grains or sugar cane. Livestock may include cattle, sheep, horses or pigs. Machinery, equipment or vehicles may be assessed using a particular type of specialist equipment or a certain type of tractor.

Where the unit of competency is assessed within the context of a particular crop, animal or piece of equipment/machinery, the Registered Training Organisation may make a notation in the competency record book to indicate the context in which the unit was achieved.

Within the competency record developed by the Board of Studies, common or generic units of competency have a space provided for this purpose. For example:

RTC2307A Operate machinery and equipment

Element of Competency	Competent (Assessor Signature)
1 Prepare machinery and equipment for use	
2 Operate machinery and equipment	
3 Check and complete machinery and equipment operation	

VERIFICATION OF ACHIEVEMENT OF UNIT OF COMPETENCY

I, _____, of _____
(name of assessor) (Registered Training Organisation)

certify that

(name of student)

has demonstrated competence in the unit of competency

RTC2307A Operate machinery and equipment

Signature _____ Date _____

Context in which this unit of competency has been achieved:

Indicate in this space details about particular crops, animals, pieces of equipment/machinery or vehicles to provide a record of the context in which competence was achieved.

2.2.4 Selecting elective units of competency to meet HSC course requirements and qualification packaging rules

Selection of units of competency should be undertaken under the guidance of the RTO.

Units of competency contained in the curriculum framework can be delivered by RTOs with scope and appropriately accredited teachers and facilities. Teachers should seek advice from their school sector regarding which qualifications and units of competency they are qualified to deliver.

Guidelines regarding selection of units of competency for qualification outcomes are provided in section 2.2.2 of this support document and section 15 in Part A of the syllabus. Teachers should consult these documents, along with Part B, when selecting units of competency.

When selecting units of competency, the Training Packages state:

- units should be selected from Group A and B in accordance with local work undertaken and local industry advice (some Group A units are compulsory)
- 80% of units of competency must relate to the procedures, activities or contexts for that qualification
 - eg for Certificate II in Agriculture *specialising in* Sheep and Wool Production at least 13 of the units of competency presented must relate to sheep and wool production work procedures, activities or contexts
- 80% of units of competency for qualifications must be clearly aligned to the AQF Certificate level outcomes
 - eg for Certificate III in Horticulture at least 12 of the units selected must be clearly aligned to Certificate III outcomes.

The following examples have been developed as an example of one model which meets *HSC course indicative hour requirements and qualification packaging rules* for each qualification available in the framework. The models are **examples** of **one approach** and are **not prescriptive**.

2.2.4.1 Primary Industries (240 indicative hours)

Example 1: Conservation and Land Management
Primary Industries (240 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualification:

- Certificate II in Conservation and Land Management.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>240 indicative hour – mandatory & electives</i>			Cert II in CLM
RTC2209A	Install, maintain and repair fencing	15	B
RTC2401A	Treat weeds	10	B
RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2704A	Provide basic first aid	10	A*
RTC2705A	Work effectively in the industry	15	A*
RTC2706A	Apply chemicals under supervision	25	B
RTC2801A	Participate in workplace communications	10	A*
RTE2503A	Observe and report on weather	10	C
RTD2202A	Conduct erosion and sediment control activities	10	B
RTD2313A	Clean machinery of plant, animal and soil material	10	B
RTC2012A	Plant trees and shrubs	15	B
RTC2016A	Recognise plants	10	B
RTC2026A	Undertake propagation activities	20	B
RTC2404A	Treat plant pests, diseases and disorders	15	B
RTD2004A	Collect, prepare and preserve plant specimens	15	B
RTF2017A	Prune shrubs and small trees	10	C
RTF2504A	Determine basic properties of soil/growing media	10	C
Total		245 hours	18 units **

* This unit of competency is designated compulsory for the qualification.

** A total of 15 units of competency must be completed for Certificate II in Conservation and Land Management:

- 5 compulsory units in Group A
- 8 additional units from Group B
- 2 additional units from Group B and/or C.

Three additional units of competency need to be undertaken to meet HSC course indicative hour requirements.

Students who are assessed as competent in some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate II in Conservation and Land Management.

Example 2: Rural Operations
 Primary Industries (240 indicative hours)

The model below provides the opportunity for students who are assessed as competent in all units listed to be eligible for the following qualification:

- Certificate II in Rural Operations.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>240 indicative hour – mandatory & electives</i>			Cert II in RO
RTC2209A	Install, maintain and repair fencing	15	B
RTC2401A	Treat weeds	10	B
RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2704A	Provide basic first aid	10	B
RTC2705A	Work effectively in the industry	15	A*
RTC2706A	Apply chemicals under supervision	25	B
RTC2801A	Participate in workplace communications	10	A*
RTE2503A	Observe and report on weather	10	B
RTC2210A	Maintain properties and structures	20	B
RTC2301A	Undertake operational maintenance of machinery	10	B
RTC2307A	Operate machinery and equipment	20	B
RTD2313A	Clean machinery of plant, animal and soil material	10	B
RTE2308A	Operate ride-on vehicles	15	B
RTE2110A	Maintain livestock water supplies	15	B
RTE2115A	Muster and move livestock	10	B
RTE2128A	Provide feed for livestock	15	B
Total		245 hours	17 units

* This unit of competency is designated compulsory for the qualification.

Students who are assessed as competent in some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate II in Rural Operations.

Example 3: Agriculture – working with livestock
 Primary Industries (240 indicative hours)

The model below provides the opportunity for students who are assessed as competent in all units listed to be eligible for the following qualification:

- Certificate II in Agriculture.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>240 indicative hour – mandatory & electives</i>			Cert II in Ag
RTC2209A	Install, maintain and repair fencing	15	B
RTC2401A	Treat weeds	10	B
RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2704A	Provide basic first aid	10	B
RTC2705A	Work effectively in the industry	15	A*
RTC2706A	Apply chemicals under supervision	25	B
RTC2801A	Participate in workplace communications	10	A*
RTE2503A	Observe and report on weather	10	B
RTE2201A	Carry out basic electric fencing operations	15	B
RTE2308A	Operate ride-on vehicles	15	B
RTE2110A	Maintain livestock water supplies	15	B
RTE2114A	Monitor water supplies	15	B
RTE2115A	Muster and move livestock	10	B
RTE2118A	Handle livestock using basic techniques	15	B
RTE2128A	Provide feed for livestock	15	B
RTE2136A	Load and unload livestock	10	B
Total		240 hours	17 units

* This unit of competency is designated compulsory for the qualification.

Students who are assessed as competent in some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate II in Agriculture.

Example 4: Agriculture – working with plants
 Primary Industries (240 indicative hours)

The model below provides the opportunity for students who are assessed as competent in all units listed to be eligible for the following qualification:

- Certificate II in Agriculture.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>240 indicative hour – mandatory & electives</i>			Cert II in Ag
RTC2209A	Install, maintain and repair fencing	15	B
RTC2401A	Treat weeds	10	B
RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2704A	Provide basic first aid	10	B
RTC2705A	Work effectively in the industry	15	A*
RTC2706A	Apply chemicals under supervision	25	B
RTC2801A	Participate in workplace communications	10	A*
RTE2503A	Observe and report on weather	10	B
RTC2301A	Undertake operational maintenance of machinery	10	B
RTC2307A	Operate machinery and equipment	20	B
RTC2309A	Operate tractors	30	B
RTD2313A	Clean machinery of plant, animal and soil material	10	B
RTF2504A	Determine basic properties of soil/growing media	10	B
RTE2011A	Assist agricultural crop establishment	15	B
RTE2029A	Assist agricultural crop maintenance	10	B
RTE2030A	Assist agricultural crop harvesting	15	B
Total		250 hours	17 units

* This unit of competency is designated compulsory for the qualification.

Students who are assessed as competent in some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate II in Agriculture.

Example 5: Horticulture
 Primary Industries (240 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualification:

- Certificate II in Horticulture.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>240 indicative hour – mandatory & electives</i>			Cert II in Hort
RTC2209A	Install, maintain and repair fencing	15	B
RTC2401A	Treat weeds	10	B
RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2704A	Provide basic first aid	10	B
RTC2705A	Work effectively in the industry	15	A*
RTC2706A	Apply chemicals under supervision	25	B
RTC2801A	Participate in workplace communications	10	A*
RTE2503A	Observe and report on weather	10	B
RTC2012A	Plant trees and shrubs	15	B
RTC2016A	Recognise plants	10	B
RTC2026A	Undertake propagation activities	20	B
RTF2013A	Pot-on plants	5	B
RTF2014A	Prepare and maintain plant displays	20	B
RTF2017A	Prune shrubs and small trees	10	B
RTF2024A	Tend nursery plants	10	B
RTF2025A	Transplant small trees	10	B
RTF2504A	Determine basic properties of soil/growing media	10	B
Total		240 hours	18 units **

* This unit of competency is designated compulsory for the qualification.

** A total of 17 units of competency must be completed for Certificate II in Horticulture:

- 4 compulsory units from Group A
- 10 additional units from Group B
- 3 additional units from Group B and/or C.

An additional unit of competency needs to be undertaken to meet HSC course indicative hour requirements.

Students who are assessed as competent in some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate II in Horticulture.

Example 6: Beef Production
 Primary Industries (240 indicative hours)

The model below provides the opportunity for students who are assessed as competent in all units listed to be eligible for the following qualification:

- Certificate II in Agriculture *specialising in Beef Production*.

Unit code	Unit title	HSC indicative hours of credit	Category status
240 indicative hour – mandatory & electives			Cert II in Ag Beef Production
RTC2209A	Install, maintain and repair fencing	15	A
RTC2401A	Treat weeds	10	C
RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2704A	Provide basic first aid	10	A
RTC2705A	Work effectively in the industry	15	A*
RTC2706A	Apply chemicals under supervision	25	A
RTC2801A	Participate in workplace communications	10	A*
RTE2503A	Observe and report on weather	10	B
RTE2308A	Operate ride-on vehicles	15	B
RTE2110A	Maintain livestock water supplies	15	B
RTE2113A	Monitor livestock to parturition	10	A
RTE2114A	Monitor water supplies	15	A
RTE2115A	Muster and move livestock	10	A
RTE2118A	Handle livestock using basic techniques	15	C
RTE2128A	Provide feed for livestock	15	A
RTE2136A	Load and unload livestock	10	B
Total		235 hours	17 units

* This unit of competency is designated compulsory for the qualification.

Students who are assessed as competent in some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate II in Agriculture *specialising in Beef Production*.

Example 7: Goat Production
Primary Industries (240 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualification:

- Certificate II in Agriculture *specialising in* Goat Production.

Unit code	Unit title	HSC indicative hours of credit	Category status
240 indicative hour – mandatory & electives			Cert II in Ag Goat Production
RTC2209A	Install, maintain and repair fencing	15	B
RTC2401A	Treat weeds	10	C
RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2704A	Provide basic first aid	10	A
RTC2705A	Work effectively in the industry	15	A*
RTC2706A	Apply chemicals under supervision	25	B
RTC2801A	Participate in workplace communications	10	A*
RTE2503A	Observe and report on weather	10	B
RTE2902A	Collect and record production data	10	C
RTE2308A	Operate ride-on vehicles	15	C
RTE2110A	Maintain livestock water supplies	15	B
RTE2113A	Monitor livestock to parturition	10	A
RTE2115A	Muster and move livestock	10	A
RTE2118A	Handle livestock using basic techniques	15	B
RTE2124A	Carry out birthing duties	10	A
RTE2128A	Provide feed for livestock	15	A
RTE2136A	Load and unload livestock	10	A
Total		240 hours	18 units **

* This unit of competency is designated compulsory for the qualification.

** A total of 17 units of competency must be completed for Certificate II in Agriculture *specialising in* Goat Production:

- 9 units from Group A, including 4 compulsory units
- 5 additional units from Group A and/or B
- 3 additional units from Group A, B and/or C.

An additional unit of competency needs to be undertaken to meet HSC course requirements.

Students who are assessed as competent in some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate II in Agriculture *specialising in* Goat Production.

Example 8: Pig Production
 Primary Industries (240 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualification:

- Certificate II in Agriculture *specialising in Pig Production*.

Unit code	Unit title	HSC indicative hours of credit	Category status
240 indicative hour – mandatory & electives			Cert II in Ag Pig Production
RTC2209A	Install, maintain and repair fencing	15	C
RTC2401A	Treat weeds	10	C
RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2704A	Provide basic first aid	10	A
RTC2705A	Work effectively in the industry	15	A*
RTC2706A	Apply chemicals under supervision	25	B
RTC2801A	Participate in workplace communications	10	A*
RTE2503A	Observe and report on weather	10	C
RTC2301A	Undertake operational maintenance of machinery	10	B
RTC2309A	Operate tractors	30	B
RTE2902A	Collect and record production data	10	A
RTE2113A	Monitor livestock to parturition	10	A
RTE2114A	Monitor water supplies	15	A
RTE2124A	Carry out birthing duties	10	A
RTE2134A	Assist with feeding in intensive production systems	10	A
RTE2136A	Load and unload livestock	10	A
RTE2144A	Carry out regular livestock observation	10	A
Total		245 hours	18 units **

* This unit of competency is designated compulsory for the qualification.

** A total of 17 units of competency must be completed for Certificate II in Agriculture *specialising in Pig Production*:

- 9 units from Group A, including 4 compulsory units
- 5 additional units from Group A and/or B
- 3 additional units from Group A, B and/or C.

An additional unit of competency needs to be undertaken to meet HSC course indicative hour requirements.

Students who are assessed as competent in some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate II in Agriculture *specialising in Pig Production*.

Example 9: Sheep and Wool Production
 Primary Industries (240 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualification:

- Certificate II in Agriculture *specialising in* Sheep and Wool Production.

Unit code	Unit title	HSC indicative hours of credit	Category status
240 indicative hour – mandatory & electives			Cert II in Ag Sheep & Wool
RTC2209A	Install, maintain and repair fencing	15	B
RTC2401A	Treat weeds	10	C
RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2704A	Provide basic first aid	10	A
RTC2705A	Work effectively in the industry	15	A*
RTC2706A	Apply chemicals under supervision	25	B
RTC2801A	Participate in workplace communications	10	A*
RTE2503A	Observe and report on weather	10	B
RTE2308A	Operate ride-on vehicles	15	B
RTE2110A	Maintain livestock water supplies	15	B
RTE2113A	Monitor livestock to parturition	10	A
RTE2115A	Muster and move livestock	10	A
RTE2117A	Pen sheep	15	B
RTE2124A	Carry out birthing duties	10	A
RTE2128A	Provide feed for livestock	15	A
RTE2136A	Load and unload livestock	10	A
RTE2902A	Collect and record production data	10	C
Total		240 hours	18 units **

* This unit of competency is designated compulsory for the qualification.

** A total of 17 units of competency must be completed for Certificate II in Agriculture *specialising in* Sheep and Wool Production:

- 9 units from Group A, including 4 compulsory units
- 5 additional units from Group A and/or B
- 3 additional units from Group A, B and/or C.

An additional unit of competency needs to be undertaken to meet HSC course indicative hour requirements.

Students who are assessed as competent in some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate II in Agriculture *specialising in* Sheep and Wool Production.

Example 10: Grain Production
 Primary Industries (240 indicative hours)

The model below provides the opportunity for students who are assessed as competent in all units listed to be eligible for the following qualification:

- Certificate II in Agriculture *specialising in Grain Production*.

Unit code	Unit title	HSC indicative hours of credit	Category status
240 indicative hour – mandatory & electives			Cert II in Ag Grain Prod'n
RTC2209A	Install, maintain and repair fencing	15	C
RTC2401A	Treat weeds	10	C
RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2704A	Provide basic first aid	10	A
RTC2705A	Work effectively in the industry	15	A*
RTC2706A	Apply chemicals under supervision	25	A
RTC2801A	Participate in workplace communications	10	A*
RTE2503A	Observe and report on weather	10	B
RTC2301A	Undertake operational maintenance of machinery	10	A
RTC2307A	Operate machinery and equipment	20	A
RTC2309A	Operate tractors	30	A
RTD2313A	Clean machinery of plant, animal and soil material	10	B
RTF2504A	Determine basic properties of soil/growing media	10	A
RTE2011A	Assist agricultural crop establishment	15	A
RTE2029A	Assist agricultural crop maintenance	10	A
RTE2030A	Assist agricultural crop harvesting	15	A
Total		250 hours	17 units

* This unit of competency is designated compulsory for the qualification.

Students who are assessed as competent in some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate II in Agriculture *specialising in Grain Production*.

Example 11: Production Horticulture
 Primary Industries (240 indicative hours)

The model below provides the opportunity for students who are assessed as competent in all units listed to be eligible for the following qualification:

- Certificate II in Production Horticulture.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>240 indicative hour – mandatory & electives</i>			Cert II in Prod Horticulture
RTC2209A	Install, maintain and repair fencing	15	C
RTC2401A	Treat weeds	10	B
RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2704A	Provide basic first aid	10	A
RTC2705A	Work effectively in the industry	15	A*
RTC2706A	Apply chemicals under supervision	25	A
RTC2801A	Participate in workplace communications	10	A*
RTE2503A	Observe and report on weather	10	B
RTC2301A	Undertake operational maintenance of machinery	10	B
RTC2307A	Operate machinery and equipment	20	A
RTC2309A	Operate tractors	30	A
RTD2313A	Clean machinery of plant, animal and soil material	10	C
RTE2902A	Collect and record production data	10	B
RTF2504A	Determine basic properties of soil/growing media	10	A
RTE2010A	Establish horticultural crops	15	A
RTE2021A	Support horticultural crop harvesting	15	A
Total		250 hours	17 units

* This unit of competency is designated compulsory for the qualification.

Students who are assessed as competent in some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate II in Production Horticulture.

2.2.4.2 Primary Industries (240 indicative hours) plus Primary Industries Specialisation Study

Example 1: Dairy Production

Primary Industries (240 indicative hours) + Primary Industries Specialisation Study (60 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualifications:

- Certificate II in Rural Operations (240-hour course)
- Certificate II in Agriculture *specialising in Dairy Production* (60-hour Specialisation Study).

Unit code	Unit title	HSC indicative hours of credit	Category status	
			Cert II in Rural Operations	Cert II in Ag Dairy Production
<i>240 indicative hour – mandatory & electives</i>				
RTC2209A	Install, maintain and repair fencing	15	B	B
RTC2401A	Treat weeds	10	B	C
RTC2701A	Follow OHS Procedures	20	A*	A*
RTC2702A	Observe environmental work practices	15	A*	A*
RTC2704A	Provide basic first aid	10	B	A
RTC2705A	Work effectively in the industry	15	A*	A*
RTC2706A	Apply chemicals under supervision	25	B	B
RTC2801A	Participate in workplace communications	10	A*	A*
RTE2503A	Observe and report on weather	10	B	C
RTE2201A	Carry out basic electric fencing operations	15	B	C
RTE2308A	Operate ride-on vehicles	15	B	B
RTE2110A	Maintain livestock water supplies	15	B	B
RTE2113A	Monitor livestock to parturition	10	B	B
RTE2118A	Handle livestock using basic techniques	15	B	C
RTE2124A	Carry out birthing duties	10	B	B
RTE2128A	Provide feed for livestock	15	B	A
RTE2134A	Assist with feeding in intensive production systems	10	B	A
Total		235 hours	17 units	
<i>Specialisation Study **</i>				
RTE2103A	Carry out milking shed routines	20	(B)	A
RTE2112A	Milk livestock	15	(B)	A
RTE2131A	Care for health and welfare of livestock	30	(B)	A
Total		65 hours	17 from 20 units [#]	

* This unit of competency is designated compulsory for the qualification.

** An additional unit of competency needs to be undertaken to meet HSC course indicative hour requirements.

A total of 17 units of competency must be completed for Certificate II in Agriculture *specialising in Dairy Production*:

- 9 units from Group A, including 4 compulsory units
- 5 additional units from Group A and/or B
- 3 additional units from Group A, B and/or C.

Students who are assessed as competent in some units of competency will be eligible for Statements of Attainment showing partial completion of the Certificates.

Example 2: Horse Breeding

Primary Industries (240 indicative hours) + Primary Industries Specialisation Study (60 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualifications:

- Certificate II in Rural Operations (240-hour course)
- Certificate II in Agriculture *specialising in Horse Breeding* (60-hour Specialisation Study).

Unit code	Unit title	HSC indicative hours of credit	Category status	
<i>240 indicative hour – mandatory & electives</i>			Cert II in Rural Operations	Cert II in Ag Horse Breeding
RTC2209A	Install, maintain and repair fencing	15	B	B
RTC2401A	Treat weeds	10	B	C
RTC2701A	Follow OHS Procedures	20	A*	A*
RTC2702A	Observe environmental work practices	15	A*	A*
RTC2704A	Provide basic first aid	10	B	A*
RTC2705A	Work effectively in the industry	15	A*	A*
RTC2706A	Apply chemicals under supervision	25	B	B
RTC2801A	Participate in workplace communications	10	A*	A*
RTE2503A	Observe and report on weather	10	B	C
RTC2210A	Maintain properties and structures	20	B	B
RTC2301A	Undertake operational maintenance of machinery	10	B	B
RTE2308A	Operate ride-on vehicles	15	B	B
RTE2902A	Collect and record production data	10	B	C
RTE2110A	Maintain livestock water supplies	15	B	B
RTE2114A	Monitor water supplies	15	B	B
RTE2115A	Muster and move livestock	10	B	B
RTE2128A	Provide feed for livestock	15	B	A
Total		240 hours	17 units	
<i>Specialisation Study</i>				
RTE2104A	Carry out regular horse observation	15	(B)	A
RTE2121A	Provide daily care for horses	25	(B)	A
RTE2130A	Ride horses and care for equipment	25	(B)	A
Total		65 hours	17 from 20 units [#]	

* This unit of competency is designated compulsory for the qualification.

[#] A total of 17 units of competency must be completed for Certificate II in Agriculture *specialising in Horse Breeding*:

- 9 units from Group A, including 5 compulsory units
- 5 additional units from Group A and/or B
- 3 additional units from Group A, B and/or C.

Students who are assessed as competent in some units of competency will be eligible for Statements of Attainment showing partial completion of the Certificates.

Example 3: Poultry Production

Primary Industries (240 indicative hours) + Primary Industries Specialisation Study (60 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualifications:

- Certificate II in Rural Operations (240-hour course)
- Certificate II in Agriculture *specialising in* Poultry Production (60-hour Specialisation Study).

Unit code	Unit title	HSC indicative hours of credit	Category status	
<i>240 indicative hour – mandatory & electives</i>			Cert II in Rural Operations	Cert II in Ag Poultry Prodn
RTC2209A	Install, maintain and repair fencing	15	B	C
RTC2401A	Treat weeds	10	B	C
RTC2701A	Follow OHS Procedures	20	A*	A*
RTC2702A	Observe environmental work practices	15	A*	A*
RTC2704A	Provide basic first aid	10	B	A
RTC2705A	Work effectively in the industry	15	A*	A*
RTC2706A	Apply chemicals under supervision	25	B	B
RTC2801A	Participate in workplace communications	10	A*	A*
RTE2503A	Observe and report on weather	10	B	C
RTC2210A	Maintain properties and structures	20	B	B
RTC2301A	Undertake operational maintenance of machinery	10	B	B
RTC2309A	Operate tractors	30	B	B
RTD2313A	Clean machinery of plant, animal and soil material	10	B	C
RTE2902A	Collect and record production data	10	B	B
RTE2110A	Maintain livestock water supplies	15	B	B
RTE2114A	Monitor water supplies	15	B	A
RTE2134A	Assist with feeding in intensive production systems	10	B	A
Total		250 hours	17 units	
<i>Specialisation Study **</i>				
RTE2102A	Brood poultry	15	(B)	A
RTE2109A	Incubate eggs	15	(B)	A
RTE2140A	Maintain health and welfare of poultry	20	(B)	A
RTE2141A	Set up shed for placement of day-old chickens	15	(B)	A
Total		65 hours	17 from 21 units [#]	

* This unit of competency is designated compulsory for the qualification.

** Two additional units of competency need to be undertaken to meet HSC course indicative hour requirements.

A total of 17 units of competency must be completed for Certificate II in Agriculture *specialising in* Poultry Production:

- 9 units from Group A, including 4 compulsory units
- 5 additional units from Group A and/or B
- 3 additional units from Group A, B and/or C.

Students who are assessed as competent in some units of competency will be eligible for Statements of Attainment showing partial completion of the Certificates.

Example 4: Cotton Production

Primary Industries (240 indicative hours) + Primary Industries Specialisation Study (60 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualifications:

- Certificate II in Rural Operations (240-hour course)
- Certificate II in Agriculture *specialising in Cotton Production* (60-hour Specialisation Study).

Unit code	Unit title	HSC indicative hours of credit	Category status	
<i>240 indicative hour – mandatory & electives</i>			Cert II in Rural Operations	Cert II in Ag Cotton Prodn
RTC2209A	Install, maintain and repair fencing	15	B	C
RTC2401A	Treat weeds	10	B	C
RTC2701A	Follow OHS Procedures	20	A*	A*
RTC2702A	Observe environmental work practices	15	A*	A*
RTC2704A	Provide basic first aid	10	B	A*
RTC2705A	Work effectively in the industry	15	A*	A*
RTC2706A	Apply chemicals under supervision	25	B	A*
RTC2801A	Participate in workplace communications	10	A*	A*
RTE2503A	Observe and report on weather	10	B	C
RTC2301A	Undertake operational maintenance of machinery	10	B	B
RTC2307A	Operate machinery and equipment	20	B	A*
RTC2309A	Operate tractors	30	B	A*
RTD2313A	Clean machinery of plant, animal and soil material	10	B	B
RTF2504A	Determine basic properties of soil/growing media	10	B	B
RTE2011A	Assist agricultural crop establishment	15	B	A*
RTE2029A	Assist agricultural crop maintenance	10	B	A*
RTE2030A	Assist agricultural crop harvesting	15	B	A*
Total		250 hours	17 units	
<i>Specialisation Study</i>				
RTC2306A	Operate vehicles	20	(B)	A*
RTE2601A	Assist with the operation of gravity fed irrigation **	20	(B)	B
RTE2605A	Maintain gravity-fed irrigation systems	15	(B)	A*
Total		55 hours	17 from 20 units [#]	

* This unit of competency is designated compulsory for the qualification.

** An additional unit of competency needs to be undertaken to meet HSC course indicative hour requirements.

A total of 17 units of competency must be completed for Certificate II in Agriculture *specialising in Cotton Production*:

- 13 units from Group A
- 1 additional unit from Group B
- 3 additional units from Group B and/or C.

Students who are assessed as competent in some units of competency will be eligible for Statements of Attainment showing partial completion of the Certificates.

Example 5: Sugar Production

Primary Industries (240 indicative hours) + Primary Industries Specialisation Study (60 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualifications:

- Certificate II in Rural Operations
- Certificate II in Agriculture *specialising in Sugar Production*.

Unit code	Unit title	HSC indicative hours of credit	Category status	
			Cert II in Rural Operations	Cert II in Ag Sugar Production
<i>240 indicative hour – mandatory & electives</i>				
RTC2209A	Install, maintain and repair fencing	15	B	C
RTC2401A	Treat weeds	10	B	C
RTC2701A	Follow OHS Procedures	20	A*	A*
RTC2702A	Observe environmental work practices	15	A*	A*
RTC2704A	Provide basic first aid	10	B	A
RTC2705A	Work effectively in the industry	15	A*	A*
RTC2706A	Apply chemicals under supervision	25	B	A
RTC2801A	Participate in workplace communications	10	A*	A*
RTE2503A	Observe and report on weather	10	B	C
RTC2301A	Undertake operational maintenance of machinery	10	B	B
RTC2307A	Operate machinery and equipment	20	B	B
RTC2309A	Operate tractors	30	B	A
RTF2504A	Determine basic properties of soil/growing media	10	B	A
RTE2011A	Assist agricultural crop establishment	15	B	A
RTE2029A	Assist agricultural crop maintenance	10	B	A
RTE2030A	Assist agricultural crop harvesting	15	B	A
Total		240 hours		
<i>Specialisation Study **</i>				
RTC2210A	Maintain properties and structures	20	(B)	B
RTE2601A	Assist with the operation of gravity fed irrigation	20	(B)	B
RTE2602A	Assist with the operation of pressurised irrigation	20	(B)	B
Total		60 hours	17 from 19 units [§]	17 from 19 units [#]

* This unit of competency is designated compulsory for the qualification.

** Two additional units of competency need to be undertaken to meet HSC course indicative hour requirements.

§ A total of 17 units of competency must be completed for Certificate II in Rural Operations:

- 4 compulsory units from Group A
- 6 units from Group B (units from RTD02, RTE03 or RTF03)
- 7 units from Group C.

- # A total of 17 units of competency must be completed for Certificate II in Agriculture *specialising in Sugar Production*:
- 9 units from Group A, including 4 compulsory units
 - 5 additional units from Group A and/or B
 - 3 additional units from Group A, B and/or C.

Students who are assessed as competent in some units of competency will be eligible for Statements of Attainment showing partial completion of the Certificates.

Example 6: Irrigation

Primary Industries (240 indicative hours) + Primary Industries Specialisation Study (120 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualifications:

- Certificate II in Agriculture
- Certificate II in Irrigation.

Unit code	Unit title	HSC indicative hours of credit	Category status	
<i>240 indicative hour – mandatory & electives</i>			Cert II in Agriculture	Cert II in Irrigation
RTC2209A	Install, maintain and repair fencing	15	B	C
RTC2401A	Treat weeds	10	B	C
RTC2701A	Follow OHS Procedures	20	A*	A*
RTC2702A	Observe environmental work practices	15	A*	A*
RTC2704A	Provide basic first aid	10	B	A
RTC2705A	Work effectively in the industry	15	A*	A*
RTC2706A	Apply chemicals under supervision	25	B	B
RTC2801A	Participate in workplace communications	10	A*	A*
RTE2503A	Observe and report on weather	10	B	C
RTC2307A	Operate machinery and equipment	20	B	C
RTC2309A	Operate tractors	30	B	C
RTE2603A	Lay irrigation and/or drainage pipes	15	B	A
RTE2804A	Provide information on products and services	15	B	B
RTF2504A	Determine basic properties of soil/growing media	10	B	B
RTE2011A	Assist agricultural crop establishment	15	B	C
RTE2029A	Assist agricultural crop maintenance	10	B	C
Total		245 hours		
<i>Specialisation Study **</i>				
RTD2202A	Conduct erosion and sediment control activities	10	(C)	C
RTE2205A	Fabricate and repair metal or plastic structures	20	(B)	B
RTE2601A	Assist with the operation of gravity fed irrigation	20	(B)	A
RTE2602A	Assist with the operation of pressurised irrigation	20	(B)	A
RTE2604A	Maintain drainage systems	20	(B)	A
RTE2605A	Maintain gravity-fed irrigation systems	15	(B)	A
RTE2606A	Maintain pressurised irrigation systems	15	(B)	A
Total		120 hours	17 from 23 units [§]	17 from 23 units [#]

* This unit of competency is designated compulsory for the qualification.

** Two additional units of competency need to be undertaken to meet HSC course indicative hour requirements.

§ A total of 17 units of competency must be completed for Certificate II in Agriculture:

- 4 compulsory units from Group A
- 10 additional units from Group B
- 3 additional units from Group B and/or C.

A total of 17 units of competency must be completed for Certificate II in Irrigation:

- 9 units from Group A, including 4 compulsory units
- 5 additional units from Group A and/or B
- 3 additional units from Group A, B and/or C.

Students who are assessed as competent in some units of competency will be eligible for Statements of Attainment showing partial completion of the Certificates.

Example 7: Crutching

Primary Industries (240 indicative hours) + Primary Industries Specialisation Study (60 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualifications:

- Certificate II in Agriculture *specialising in* Sheep and Wool Production (240-hour course)
- Certificate II in Crutching (60-hour Specialisation Study).

Unit code	Unit title	HSC indicative hours of credit	Category status	
			Cert II in Ag Sheep and Wool	Cert II in Crutching
<i>240 indicative hour – mandatory & electives</i>				
RTC2209A	Install, maintain and repair fencing	15	B	-
RTC2401A	Treat weeds	10	C	-
RTC2701A	Follow OHS Procedures	20	A*	✓*
RTC2702A	Observe environmental work practices	15	A*	✓*
RTC2704A	Provide basic first aid	10	A	-
RTC2705A	Work effectively in the industry	15	A*	✓*
RTC2706A	Apply chemicals under supervision	25	B	-
RTC2801A	Participate in workplace communications	10	A*	✓*
RTE2503A	Observe and report on weather	10	B	-
RTE1105A	Undertake basic shearing and crutching	20	C	-
RTE2110A	Maintain livestock water supplies	15	B	-
RTE2113A	Monitor livestock to parturition	10	A	-
RTE2115A	Muster and move livestock	10	A	-
RTE2117A	Pen sheep	15	B	-
RTE2128A	Provide feed for livestock	15	A	-
RTE2136A	Load and unload livestock	10	A	-
RTE2216A	Assist in preparing for shearing and crutching	15	C	-
Total		240 hours	17 units	
<i>Specialisation Study</i>				
RTE2107A	Crutch sheep	15	(C)	✓*
RTE2302A	Grind combs and cutters for machine shearing	10	(C)	✓*
RTE2310A	Prepare handpiece and downtube for machine shearing	10	(C)	✓*
RTE3133A	Prepare livestock for competition **	20	(C)	-
Total		55 hours	7 units	

* This unit of competency is designated compulsory for the qualification.

** An additional unit of competency needs to be undertaken to meet HSC course indicative hour requirements. This particular unit is Group B for Certificate III in Agriculture (Sheep and Wool Production).

Students who are assessed as competent in some units of competency will be eligible for Statements of Attainment showing partial completion of the Certificates.

Example 8: Shearing

Primary Industries (240 indicative hours) + Primary Industries Specialisation Study (120 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualifications:

- Certificate II in Agriculture *specialising in* Sheep and Wool Production (240-hour course)
- Certificate II in Shearing (120-hour Specialisation Study).

Unit code	Unit title	HSC indicative hours of credit	Category status	
<i>240 indicative hour – mandatory & electives</i>			Cert II in Ag Sheep and Wool	Cert II in Shearing
RTC2209A	Install, maintain and repair fencing	15	B	-
RTC2401A	Treat weeds	10	C	-
RTC2701A	Follow OHS Procedures	20	A*	✓*
RTC2702A	Observe environmental work practices	15	A*	✓*
RTC2704A	Provide basic first aid	10	A	-
RTC2705A	Work effectively in the industry	15	A*	✓*
RTC2706A	Apply chemicals under supervision	25	B	-
RTC2801A	Participate in workplace communications	10	A*	✓*
RTE2503A	Observe and report on weather	10	B	-
RTE1105A	Undertake basic shearing and crutching	20	C	-
RTE2110A	Maintain livestock water supplies	15	B	-
RTE2113A	Monitor livestock to parturition	10	A	-
RTE2115A	Muster and move livestock	10	A	-
RTE2117A	Pen sheep	15	B	-
RTE2128A	Provide feed for livestock	15	A	-
RTE2136A	Load and unload livestock	10	A	-
RTE2216A	Assist in preparing for shearing and crutching	15	C	-
Total		240 hours	17 units	-
<i>Specialisation Study</i>				
RTE1106A	Shear sheep to novice level **	40	(C)	pre-requisite for RTE2149A
RTE2107A	Crutch sheep	15	(C)	✓*
RTE2149A	Shear sheep to improver level **	60	(C)	✓*
RTE2302A	Grind combs and cutters for machine shearing	10	(C)	✓*
RTE2310A	Prepare handpiece and downtube for machine shearing	10	(C)	✓*
Total		135 hours	9 units	

* This unit of competency is designated compulsory for the qualification.

** RTE1106A Shear sheep to novice level is a pre-requisite for RTE2149A Shear sheep to improver level.

Students who are assessed as competent in some units of competency will be eligible for Statements of Attainment showing partial completion of the Certificates.

Example 9: Wool Handling

Primary Industries (240 indicative hours) + Primary Industries Specialisation Study (60 indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualifications:

- Certificate II in Agriculture *specialising in* Sheep and Wool Production (240-hour course)
- Certificate II in Wool Handling (60-hour Specialisation Study).

Unit code	Unit title	HSC indicative hours of credit	Category status	
<i>240 indicative hour – mandatory & electives</i>			Cert II in Ag Sheep and Wool	Cert II in Wool Handling
RTC2209A	Install, maintain and repair fencing	15	B	-
RTC2401A	Treat weeds	10	C	-
RTC2701A	Follow OHS Procedures	20	A*	✓*
RTC2702A	Observe environmental work practices	15	A*	✓*
RTC2704A	Provide basic first aid	10	A	-
RTC2705A	Work effectively in the industry	15	A*	✓*
RTC2706A	Apply chemicals under supervision	25	B	-
RTC2801A	Participate in workplace communications	10	A*	✓*
RTE2503A	Observe and report on weather	10	B	-
RTE1105A	Undertake basic shearing and crutching	20	C	-
RTE2110A	Maintain livestock water supplies	15	B	-
RTE2113A	Monitor livestock to parturition	10	A	-
RTE2115A	Muster and move livestock	10	A	-
RTE2117A	Pen sheep	15	B	✓*
RTE2128A	Provide feed for livestock	15	A	-
RTE2136A	Load and unload livestock	10	A	-
RTE2216A	Assist in preparing for shearing and crutching	15	C	✓*
Total		240 hours	17 units	
<i>Specialisation Study</i>				
RTE2119A	Perform board duties	25	(C)	✓*
RTE2120A	Assist with pressing wool	20	(C)	✓*
RTE3133A	Prepare livestock for competition **	20	(C)	-
Total		65 hours	8 units	

* This unit of competency is designated compulsory for the qualification.

** An additional unit of competency needs to be undertaken to meet HSC course indicative hour requirements. This particular unit is Group B for Certificate III in Agriculture (Sheep and Wool Production).

Students who are assessed as competent in some units of competency will be eligible for Statements of Attainment showing partial completion of the Certificates.

Example 10: Advanced Wool Handling

Primary Industries (240 indicative hours) + Primary Industries Specialisation Study (60 indicative hours) + Primary Industries Extension (120 Indicative hours)

Depending on competencies achieved, this model provides the opportunity for students to be eligible for the following qualification:

- Certificate II in Agriculture *specialising in* Sheep and Wool Production (240-hour course)
- Certificate II in Wool Handling (60-hour Specialisation Study)
- Certificate III in Advanced Wool Handling (120-hour Extension).

Unit code	Unit title	HSC indicative hours of credit	Category status		
			Cert II in Ag Sheep and Wool	Cert II in Wool Handling	Cert III in Advanced Wool Handling
<i>240 indicative hour – mandatory & electives</i>					
RTC2209A	Install, maintain and repair fencing	15	B	-	-
RTC2401A	Treat weeds	10	C	-	-
RTC2701A	Follow OHS Procedures	20	A*	✓*	✓*
RTC2702A	Observe environmental work practices	15	A*	✓*	✓*
RTC2704A	Provide basic first aid	10	A	-	-
RTC2705A	Work effectively in the industry	15	A*	✓*	✓*
RTC2706A	Apply chemicals under supervision	25	B	-	-
RTC2801A	Participate in workplace communications	10	A*	✓*	✓*
RTE2503A	Observe and report on weather	10	B	-	-
RTE1105A	Undertake basic shearing and crutching	20	C	-	-
RTE2110A	Maintain livestock water supplies	15	B	-	-
RTE2113A	Monitor livestock to parturition	10	A	-	-
RTE2115A	Muster and move livestock	10	A	-	-
RTE2117A	Pen sheep	15	B	✓*	✓*
RTE2128A	Provide feed for livestock	15	A	-	-
RTE2136A	Load and unload livestock	10	A	-	-
RTE2216A	Assist in preparing for shearing and crutching	15	C	✓*	✓*
Total		240 hours	17 units		

Unit code	Unit title	HSC indicative hours of credit	Category status		
			Cert II in Ag Sheep and Wool	Cert II in Wool Handling	Cert III in Advanced Wool Handling
<i>Specialisation Study **</i>					
RTE2119A	Perform board duties	25	(C)	✓*	✓*
RTE2120A	Assist with pressing wool	20	(C)	✓*	✓*
RTE3133A	Prepare livestock for competition	20	(C)	-	
Total		65 hours	8 units		8 units, <i>plus</i>
<i>Extension **</i>					
RTC3701A	Respond to emergencies	20	(C)	-	✓*
RTE3103A	Apply quality assurance procedures in wool preparation	20	(C)	-	-
RTE3120A	Prepare facilities for shearing and crutching	20	(C)	-	✓*
RTE3141A	Prepare fleece wool for classing	20	(C)	-	✓*
RTE3142A	Prepare skirtings and oddments	20	(C)	-	✓*
RTE3145A	Press wool	20	(C)	-	✓*
Total		120 hours	4 from 5 units		

* This unit of competency is designated compulsory for the qualification.
For Certificate III in Advanced Wool Handling, all units listed under Certificate II in Wool Handling plus 4 out of the 5 units listed under *Extension* are required to achieve the qualification.

** Additional units of competency need to be undertaken to meet HSC course requirements.

Students who are assessed as competent in some units of competency will be eligible for Statements of Attainment showing partial completion of the Certificates.

2.2.4.3 Primary Industries Extension

Example 1: Conservation and Land Management

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Conservation and Land Management.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in CLM
RTC3209A	Plan and construct conventional fencing	20	B
RTC3310A	Operate specialised machinery and equipment	30	B
RTC3401A	Control weeds	20	B
RTC3404A	Control plant pests, diseases and disorders	20	B
RTC3701A	Respond to emergencies	20	A*
RTD3507A	Undertake sampling and testing of water	20	B

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Conservation and Land Management:

RTC2701A	Follow OHS Procedures	20	A*
RTC2702A	Observe environmental work practices	15	A*
RTC2705A	Work effectively in the industry	15	A*
RTC2801A	Participate in workplace communications	10	A*
plus			
<ul style="list-style-type: none"> • any two (2) AQF level II unit of competency relevant to work undertaken in Conservation and Land Management. 			

- * This unit of competency is designated compulsory for the qualification.

Example 2: Rural Operations
 Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Rural Operations.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Rural Operations
any AQF level III unit of competency available in the framework			B
* The following unit is compulsory for this qualification:			
RTE3713A	Carry out workplace OHS procedures	20	A*

The following units of competency available through the Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Rural Operations:

- any four (4) AQF level II (or III) unit of competency relevant to work undertaken in the rural sector.

* This unit of competency is designated compulsory for the qualification.

Example 3: Agriculture

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Agriculture.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Agriculture
any AQF level III unit of competency available in the framework			B
* Please note, the following unit is compulsory for this qualification:			
RTE3713A	Carry out workplace OHS procedures	20	A*

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Agriculture:

RTC2705A	Work effectively in the industry	15	B
RTC2801A	Participate in workplace communications	10	B
RTE2110A	Maintain livestock water supplies	15	B
RTE2124A	Carry out birthing duties	10	B
RTE2804A	Provide information on products and services	15	B
RTE3133A	Prepare livestock for competition	20	B
plus			
<ul style="list-style-type: none"> • any three (3) AQF level II unit of competency relevant to work undertaken in the rural sector. 			

- * This unit of competency is designated compulsory for the qualification.

Example 4: Horticulture

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Horticulture.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Horticulture
RTC3310A	Operate specialised machinery and equipment	30	B
RTC3401A	Control weeds	20	B
RTC3404A	Control plant pests, diseases and disorders	20	B
RTC3701A	Respond to emergencies	20	B
RTF3012A	Implement a plant nutrition program	20	B
RTF3014A	Implement a propagation plan	20	B
RTF3033A	Implement a maintenance program for hydroponic systems	20	B
RTF3215A	Install hydroponic systems	20	B
RTF3503A	Sample soils and analyse results	20	B
RTF3510A	Design and prepare growing media	20	B
RTE3030A	Harvest horticultural crops mechanically	20	B
RTE3506A	Monitor weather conditions	20	B
RTE3604A	Troubleshoot drainage systems	20	B
RTE3605A	Troubleshoot irrigation systems	20	B
RTE3612A	Implement a maintenance program for an irrigation system	20	B
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	B
RTE3904A	Keep records for a primary production business	20	B
RTE3907A	Use hand held e-business tools	20	B

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Horticulture:

- any three (3) AQF level II unit of competency relevant to work undertaken in the horticulture sector.

* This unit of competency is designated compulsory for the qualification.

Example 5: Beef Production

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Agriculture (Beef Production).

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Ag (Beef Prodn)
RTC3209A	Plan and construct conventional fencing	20	B
RTC3701A	Respond to emergencies	20	A
RTF3012A	Implement a plant nutrition program	20	B
RTF3503A	Sample soils and analyse results	20	B
RTE3006A	Establish pastures and crops for livestock production	20	B
RTE3113A	Identify and draft livestock	20	A
RTE3114A	Implement feeding plans for livestock	20	A
RTE3210A	Plan and construct an electric fence	20	B
RTE3506A	Monitor weather conditions	20	B
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	A
RTE3901A	Comply with industry quality assurance requirements	20	B
RTE3907A	Use hand held e-business tools	20	B

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Agriculture (Beef Production):

RTE3133A	Prepare livestock for competition	20	B
plus			
<ul style="list-style-type: none"> • any three (3) AQF level II unit of competency relevant to work undertaken in the horticulture sector. 			

* This unit of competency is designated compulsory for the qualification.

Example 6: Cotton Production
 Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Agriculture (Cotton Production).

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Ag (Cotton Prodn)
RTC3310A	Operate specialised machinery and equipment	30	B
RTC3701A	Respond to emergencies	20	A*
RTF3503A	Sample soils and analyse results	20	A*
RTE3009A	Undertake agricultural crop harvesting activities	20	A*
RTE3022A	Undertake agricultural crop maintenance activities	20	A*
RTE3024A	Undertake preparation of land for agricultural crop production	20	A*
RTE3029A	Establish agricultural crops	20	A*
RTE3506A	Monitor weather conditions	20	B
RTE3605A	Troubleshoot irrigation systems	20	B
RTE3610A	Operate gravity-fed irrigation systems	20	B
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	A*

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Agriculture (Cotton Production):

- | |
|--|
| <ul style="list-style-type: none"> • any three (3) AQF level II unit of competency relevant to work undertaken in the rural sector. |
|--|

* This unit of competency is designated compulsory for the qualification.

Example 7: Dairy Production

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Agriculture (Dairy Production).

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Ag (Dairy Prod'n)
RTC3209A	Plan and construct conventional fencing	20	B
RTC3701A	Respond to emergencies	20	A
RTF3012A	Implement a plant nutrition program	20	B
RTF3503A	Sample soils and analyse results	20	B
RTE3006A	Establish pastures and crops for livestock production	20	B
RTE3114A	Implement feeding plans for livestock	20	A
RTE3117A	Coordinate milking operations	20	A*
RTE3118A	Implement feeding plans for intensive production	20	A
RTE3126A	Remove and facilitate reuse of effluent and manure from an intensive production system	20	B
RTE3210A	Plan and construct an electric fence	20	B
RTE3610A	Operate gravity-fed irrigation systems	20	B
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	A
RTE3901A	Comply with industry quality assurance requirements	20	A
RTE3904A	Keep records for a primary production business	20	B
RTE3907A	Use hand held e-business tools	20	B

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Agriculture (Dairy Production):

RTE3133A	Prepare livestock for competition	20	B
plus			
<ul style="list-style-type: none"> • any three (3) AQF level II unit of competency relevant to work undertaken in the rural sector. 			

* This unit of competency is designated compulsory for the qualification.

Example 8: Goat Production

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Agriculture (Goat Production).

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Ag (Goat Prodn)
RTC3209A	Plan and construct conventional fencing	20	B
RTC3701A	Respond to emergencies	20	A
RTF3503A	Sample soils and analyse results	20	B
RTE3006A	Establish pastures and crops for livestock production	20	B
RTE3107A	Carry out post-shearing procedures	20	B
RTE3113A	Identify and draft livestock	20	B
RTE3114A	Implement feeding plans for livestock	20	A
RTE3117A	Coordinate milking operations	20	B
RTE3120A	Prepare facilities for shearing and crutching	20	B
RTE3122A	Prepare livestock for shearing	20	B
RTE3506A	Monitor weather conditions	20	B
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	A
RTE3907A	Use hand held e-business tools	20	B

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Agriculture (Goat Production):

RTE3133A	Prepare livestock for competition	20	B
plus			
<ul style="list-style-type: none"> • any three (3) AQF level II unit of competency relevant to work undertaken in the rural sector. 			

* This unit of competency is designated compulsory for the qualification.

Example 9: Grain Production
 Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Agriculture (Grain Production).

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Ag (Grain Prod)
RTC3310A	Operate specialised machinery and equipment	30	B
RTC3701A	Respond to emergencies	20	A
RTF3012A	Implement a plant nutrition program	20	B
RTF3503A	Sample soils and analyse results	20	A
RTE3009A	Undertake agricultural crop harvesting activities	20	A
RTE3022A	Undertake agricultural crop maintenance activities	20	A
RTE3024A	Undertake preparation of land for agricultural crop production	20	A
RTE3029A	Establish agricultural crops	20	A
RTE3037A	Save, prepare and store agricultural seed	20	B
RTE3506A	Monitor weather conditions	20	B
RTE3610A	Operate gravity-fed irrigation systems	20	B
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	A
RTE3907A	Use hand held e-business tools	20	B

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Agriculture (Grain Production):

- any three (3) AQF level II unit of competency relevant to work undertaken in the rural sector.

* This unit of competency is designated compulsory for the qualification.

Example 10: Horse Breeding

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Agriculture (Horse Breeding).

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Ag (Horse Breedg)
RTC3209A	Plan and construct conventional fencing	20	A
RTC3701A	Respond to emergencies	20	A
RTE3006A	Establish pastures and crops for livestock production	20	B
RTE3148A	Assess conformation of horses	20	A
RTE3210A	Plan and construct an electric fence	20	B
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	A

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Agriculture (Horse Breeding):

RTE2124A	Carry out birthing duties	10	B
RTE3133A	Prepare livestock for competition	20	B
plus			
<ul style="list-style-type: none"> • any three (3) AQF level II unit of competency relevant to work undertaken in the rural sector. 			

- * This unit of competency is designated compulsory for the qualification.

Example 11: Pig Production

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Agriculture (Pig Production).

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Ag (Pig Prod)
RTC3310A	Operate specialised machinery and equipment	30	B
RTC3701A	Respond to emergencies	20	B
RTE3113A	Identify and draft livestock	20	A
RTE3118A	Implement feeding plans for intensive production	20	A
RTE3126A	Remove and facilitate reuse of effluent and manure from an intensive production system	20	A
RTE3136A	Comply with industry animal welfare requirements	20	A
RTE3143A	Monitor intensive livestock production growing environments	20	A
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	B
RTE3901A	Comply with industry quality assurance requirements	20	B
RTE3908A	Maintain and monitor feed stocks	20	A

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Agriculture (Pig Production):

RTE2110A	Maintain livestock water supplies	15	B
plus			
<ul style="list-style-type: none"> • any three (3) AQF level II (or III) unit of competency relevant to work undertaken in the rural sector. 			

* This unit of competency is designated compulsory for the qualification.

Example 12: Poultry Production

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Agriculture (Poultry Production).

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Ag (Poultry Prodn)
RTC3310A	Operate specialised machinery and equipment	30	B
RTC3701A	Respond to emergencies	20	A
RTD3507A	Undertake sampling and testing of water	20	B
RTE3113A	Identify and draft livestock	20	B
RTE3118A	Implement feeding plans for intensive production	20	A
RTE3126A	Remove and facilitate reuse of effluent and manure from an intensive production system	20	B
RTE3136A	Comply with industry animal welfare requirements	20	A
RTE3143A	Monitor intensive livestock production growing environments	20	B
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	A
RTE3901A	Comply with industry quality assurance requirements	20	B
RTE3904A	Keep records for a primary production business	20	B
RTE3907A	Use hand held e-business tools	20	B
RTE3908A	Maintain and monitor feed stocks	20	B

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Agriculture (Poultry Production):

- any three (3) AQF level II (or III) unit of competency relevant to work undertaken in the rural sector.

* This unit of competency is designated compulsory for the qualification.

Example 13: Sheep and Wool Production

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Agriculture (Sheep and Wool Production).

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Ag (S & W Prodn)
RTC3209A	Plan and construct conventional fencing	20	B
RTC3701A	Respond to emergencies	20	A
RTF3503A	Sample soils and analyse results	20	B
RTE3006A	Establish pastures and crops for livestock production	20	B
RTE3107A	Carry out post-shearing procedures	20	B
RTE3113A	Identify and draft livestock	20	B
RTE3114A	Implement feeding plans for livestock	20	A
RTE3120A	Prepare facilities for shearing and crutching	20	B
RTE3122A	Prepare livestock for shearing	20	B
RTE3506A	Monitor weather conditions	20	B
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	A
RTE3907A	Use hand held e-business tools	20	B

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Agriculture (Sheep and Wool Production):

RTE3133A	Prepare livestock for competition	20	B
plus			
<ul style="list-style-type: none"> • any three (3) AQF level II unit of competency relevant to work undertaken in the rural sector. 			

* This unit of competency is designated compulsory for the qualification.

Example 14: Sugar Production

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Agriculture (Sugar Production).

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Ag (Sugar Prod'n)
RTC3310A	Operate specialised machinery and equipment	30	B
RTC3701A	Respond to emergencies	20	A
RTD3507A	Undertake sampling and testing of water	20	B
RTE3503A	Sample soils and analyse results	20	A
RTE3009A	Undertake agricultural crop harvesting activities	20	A
RTE3022A	Undertake agricultural crop maintenance activities	20	A
RTE3024A	Undertake preparation of land for agricultural crop production	20	A
RTE3029A	Establish agricultural crops	20	A
RTE3506A	Monitor weather conditions	20	B
RTE3605A	Troubleshoot irrigation systems	20	B
RTE3610A	Operate gravity-fed irrigation systems	20	A
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	A
RTE3907A	Use hand held e-business tools	20	B

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Agriculture (Sugar Production):

- | |
|--|
| <ul style="list-style-type: none"> • any three (3) AQF level II unit of competency relevant to work undertaken in the rural sector. |
|--|

* This unit of competency is designated compulsory for the qualification.

Example 15: Production Horticulture

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Production Horticulture.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Production Hort
RTC3401A	Control weeds	20	B
RTC3404A	Control plant pests, diseases and disorders	20	A
RTC3701A	Respond to emergencies	20	A
RTF3012A	Implement a plant nutrition program	20	A
RTF3014A	Implement a propagation plan	20	B
RTF3033A	Implement a maintenance program for hydroponic systems	20	B
RTF3215A	Install hydroponic systems	20	B
RTF3503A	Sample soils and analyse results	20	A
RTE3030A	Harvest horticultural crops mechanically	20	A
RTE3506A	Monitor weather conditions	20	B
RTE3604A	Troubleshoot drainage systems	20	B
RTE3605A	Troubleshoot irrigation systems	20	A
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	A
RTE3904A	Keep records for a primary production business	20	B

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Production Horticulture:

- any three (3) AQF level II unit of competency relevant to work undertaken in the rural sector.

* This unit of competency is designated compulsory for the qualification.

Example 16: Irrigation

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Irrigation.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Irrigation
RTC3701A	Respond to emergencies	20	A
RTE3503A	Sample soils and analyse results	20	B
RTE3604A	Troubleshoot drainage systems	20	A
RTE3605A	Troubleshoot irrigation systems	20	A
RTE3606A	Measure drainage system performance	20	A
RTE3607A	Measure irrigation delivery system performance	20	A
RTE3609A	Operate fertigation equipment	20	A
RTE3610A	Operate gravity-fed irrigation systems	20	A
RTE3713A	Carry out workplace OHS procedures	20	A*
RTE3714A	Maintain and monitor environmental work practices	20	A
RTE3907A	Use hand held e-business tools	20	B

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Irrigation:

- any three (3) AQF level II unit of competency relevant to work undertaken in the rural sector.

* This unit of competency is designated compulsory for the qualification.

Example 17: Wool Clip Preparation

Primary Industries Extension (60 or 120 indicative hours)

For students who are assessed as competent in one or more units of competency, this model provides the opportunity for students to be eligible for the following qualification:

- Statement of Attainment towards Certificate III in Wool Clip Preparation.

Unit code	Unit title	HSC indicative hours of credit	Category status
<i>Extension units – choose a minimum of 60 or 120 indicative hours</i>			Cert III in Wool Clip Preparation
RTC3701A	Respond to emergencies	20	✓*
RTE3103A	Apply quality assurance procedures in wool preparation	20	✓*
RTE3108A	Class fleece wool	20	✓*
RTE3111A	Appraise wool using industry descriptions	20	✓*
RTE3120A	Prepare facilities for shearing and crutching	20	✓*
RTE3141A	Prepare fleece wool for classing	20	✓*
RTE3142A	Prepare skirtings and oddments	20	✓*
RTE3145A	Press wool	20	✓*

The following units of competency available through Primary Industries (120 and 240 indicative hour) course and Specialisation Studies contribute to Certificate III in Wool Clip Preparation:

RTE2119A	Perform board duties	25	✓*
RTE2120A	Assist with pressing wool	20	✓*
RTC2701A	Follow OHS Procedures	20	✓*
RTC2702A	Observe environmental work practices	15	✓*
RTC2705A	Work effectively in the industry	15	✓*
RTC2801A	Participate in workplace communications	10	✓*
RTE2117A	Pen sheep	15	✓*
RTE2216A	Assist in preparing for shearing and crutching	15	✓*

- * This unit of competency is designated compulsory for the qualification.

2.2.5 The timing of work placement

The scheduling of work placement should reflect student readiness and complement off-the-job learning programs. It is recommended the following units of competency be addressed prior to students undertaking a work placement:

- RTC2701A Follow OHS procedures
- RTC2705A Work effectively in the industry
- RTC2801A Participate in workplace communications.

2.2.6 Traineeships and Vocational Training Orders

Part-time school-based traineeships provide students with the opportunity to include a recognised VET qualification within their HSC and to combine this with paid work. Students generally undertake a Certificate II traineeship during years 11 and 12 over a period of between 24 and 36 months. The formal or off-the-job training component contributes directly to their HSC and can be delivered by the school, TAFE NSW or other approved registered training organisation.

In NSW, the requirements for each recognised traineeship are set out in a Vocational Training Order (VTO). This includes:

- paid work under an appropriate industrial arrangement
- a training contract that is signed by the employer and the trainee and approved by the NSW Department of Education and Training
- a training program, delivered by an approved registered training organisation, which leads to the nationally recognised qualification specified in the VTO.

Training plans developed to support school-based traineeships must meet the requirements of the VTO and the relevant HSC course from the Primary Industries Curriculum Framework.