

## **Total College Full time Course Descriptions.**

A schedule of competencies and other units in each Certificate and Diploma course plus a brief description of content covered is set out on the following pages. Courses available to Tocal College's full time, residential students include:

- **AHC30116 Certificate III in Agriculture**
  - **Total Agricultural Production program**
  - **Total Stock Horse Breeding and Training program**
- **AHC40116 Certificate IV in Agriculture**
  - **Total Farm Supervisor and Agribusiness program**
- **AHC50116 Diploma in Agriculture**

### **National Qualifications and Tocal Special Awards.**

Tocal College offers National Qualifications from within the Australian Qualifications Framework. They are selected from the AHC Agriculture, Horticulture and Conservation and Land Management training package.

The majority of Training and Assessment carried out at Tocal is towards these qualifications. However Tocal also conducts additional training and assessment based on the feedback of employers of Tocal students. These extra requirements are intended to allow a student the opportunity to become a "Tocal preferred graduate".

The extra requirements are clearly indicated within the Tocal Student Handbook and within the Tocal Practical Skills Manual (both provided on enrolment). When a student undertakes a unit of competency they will be provided with information that clearly indicates the assessment requirements of that unit. Whenever there is further assessment requested that is in addition to their qualification it will be made clear in the information provided and by the teacher that this specific assessment will be towards a Tocal Special Award.

## **AHC30116 Certificate III in Agriculture-**

### **Qualification requirements within the**

### **Tocal Agricultural Production program**

This qualification provides a general vocational outcome in agriculture and develops the knowledge and skills needed to work as a farm or station hand/worker.

The requirements for the AHC30116 Certificate III in Agriculture can be found on the training.gov.au website @ <https://training.gov.au/Training/Details/AHC30116>.

In order to achieve this qualification students must complete sixteen (16) units made up of two (2) core units and fourteen (14) elective units.

The Table on the following page lists the required core and elective units available to students studying the *Tocal Agricultural Production* program.

Tocal students have the opportunity to complete more than the minimum number of units required at no extra charge. These extra units provide students with a broader range of skills and experience and are based on feedback from industry and the employers of Tocal graduates.

Completing these extra units increases a student's employability skills and industry readiness, making them more desirable to potential employers.

## AHC30116 Certificate III in Agriculture- *Tocal Agricultural Production program*

Subject Area	Unit Number	Competency Name
<b>COMPULSORY UNITS: These Two units must be achieved by students</b>		
ENVIRON MANAGEMENT	AHCWRK309	Apply environmentally sustainable work practices
FARM SAFETY	AHCWHS301	Contribute to work health and safety processes
<b>GROUP A ELECTIVES: A minimum of 5 competencies must come from group A.</b>		
ANIMAL HEALTH	AHCLSK309	Implement animal health control programs
ANIMAL NUTRITION	AHCLSK311	Implement feeding plans for livestock
ANIMAL WELFARE	AHCLSK331	Comply with industry animal welfare requirements
BEEF PRODUCTION	AHCLSK308	Identify and draft livestock
EMERGENCY RESPONSE	AHCWRK303	Respond to emergencies
FARM CHEMICALS	AHCCHM303	Prepare and apply chemicals
	AHCCHM304	Transport, handle and store chemicals
FARM RECORDS	BSBFIA301	Maintain financial records (under review)
FENCING	AHCINF302	Plan and construct an electric fence
	AHCINF303	Plan and construct conventional fencing
FIRST AID	HLTAID003	Provide first aid
MACHINERY	AHCMOM304	Operate machinery and equipment
	AHCMOM302	Perform machinery maintenance
PASTURE ESTABLISHMENT	AHCBAC302	Establish pastures and crops for livestock production
SHEEP PRODUCTION	AHCLSK301	Administer medication to livestock
WORKING IN INDUSTRY	AHCWRK204	Work effectively in the industry
<b>GROUP B ELECTIVES: Plus a minimum of 5 competencies must come from group A or B</b>		
MACHINERY	AHCMOM202	Operate tractors
	AHCMOM211	Operate side by side utility vehicles
	AHCMOM212	Operate quad bikes
PRECISION FARMING	AHCMOM311	Operate precision control technology
SHEEP PRODUCTION	AHCLSK315	Prepare for and implement natural mating of livestock
<b>OTHER ELECTIVES: A maximum of 4 Group C units from here or elsewhere in Cert II, III or IV can be included in the AHC30116 Qualification.</b>		
CHAINSAWS	AHCMOM213	Operate and maintain chainsaws
DAIRY PRODUCTION	AHCDRY201	Milk livestock
FODDER CONSERVATION	AHCBIO201	Inspect and clean machinery for plant, animal and soil material
MACHINERY	AHCMOM201	Operate two wheel motorbikes
POULTRY PRODUCTION	AHCPLY202	Maintain health and welfare of poultry
PROPERTY MAINTENANCE	AHCINF203	Maintain properties and structure
STOCK HORSES	AHCLSK212A	Ride horses to carry out stock work (under review)

### **TOTAL SPECIAL AWARD IN AGRICULTURAL PRODUCTION.**

The minimum requirements of the AHC30116 Certificate III in Agriculture and the full list of units offered at Tocal have been described in the previous table.

However, when undertaking this course Tocal recommends students attempt additional units of study including Tocal Special Competencies. These requirements have been developed in consultation with industry to ensure students that achieve them have appropriate attitudes & interpersonal skills and proficiency in a range of commonly required, general, farm skills. Tocal students who meet AHC30116 standards plus achieve the necessary extra requirements are eligible for the *Tocal Special Award in Agricultural Production*.

The *Tocal Special Award in Agricultural Production* is not a nationally accredited qualification award and is unique to Tocal College.

**To qualify students must meet AHC30116 requirements *including* AHCWRK204 Work effectively in the industry *plus* achieve 3 x Tocal Special Competencies- TOC301, TOC302 & TOC303.**

<b>TOTAL SPECIAL COMPETENCIES: These are NOT required for the National Qualification AHC30116 but are necessary for Tocal Special Awards as described above.</b>		
INTERPERSONAL SKILLS	TOC301	Demonstrate appropriate attitudes and interpersonal skills
INDIVIDUAL STUDIES	TOC302	2 x Individual Studies to be completed by conducting independent research or projects
PROFICIENCY IN FARM SKILLS	TOC303	Demonstrate proficiency in a range of commonly required general farm skills

### **GRADUATING WITH MERIT in the *TOTAL AGRICULTURAL PRODUCTION program*.**

Students that perform exceptionally well in all aspects of the *Tocal Agricultural Production program* are recognized by an overall Merit award. Again, this is not an accredited qualification award and is unique to Tocal College.

To Graduate with Merit a student must meet *Tocal Special Award in Agricultural Production* requirements plus achieve:

- At least "Competent" in all nearly all available units. (A maximum combination of two "Non Competent" and / or "Withdrawn" grades are permitted, except where withdrawal is for an unavoidable reason),
- A minimum total of 8 x Merit grades,
- The Tocal Special Competencies TOC301, TOC302 & TOC303 are achieved at Merit level,
- A record of extra work throughout the year.

## **AHC30116 Certificate III in Agriculture-**

### **Qualification requirements within the**

### **Tocal Stock Horse Breeding and Training program**

This qualification provides a general vocational outcome in horse breeding and develops the knowledge and skills needed to work as a farm or station hand/worker, predominately with horses or horse stud worker.

The requirements for the AHC30116 Certificate III in Agriculture can be found on the training.gov.au website @ <https://training.gov.au/Training/Details/AHC30116>.

In order to achieve this qualification students must complete sixteen (16) units made up of two (2) core units and fourteen (14) elective units.

The Table on the following page lists the required core and elective units available to students studying the *Tocal Stock Horse Breeding and Training* program.

Tocal students have the opportunity to complete more than the minimum number of units required at no extra charge. These extra units provide students with a broader range of skills and experience and are based on feedback from industry and the employers of past Tocal graduates.

Completing these extra units increases a student's employability skills and industry readiness, making them more desirable to potential employers.

**AHC30116 Certificate III in Agriculture-**  
***Tocal Stock Horse Breeding and Training program***

Subject Area	Unit Number	Competency Name
<b>COMPULSORY UNITS: These TWO units must be achieved by students</b>		
ENVIRON MANAGEMENT	AHCWRK309	Apply environmentally sustainable work practices
SAFETY	AHCWHS301	Contribute to work health and safety processes
<b>GROUP A ELECTIVES: A minimum of 5 competencies must come from group A.</b>		
ANIMAL WELFARE	AHCLSK331	Comply with industry animal welfare requirements
FARM CHEMICALS	AHCCHM303	Prepare and apply chemicals
	AHCCHM304	Transport, handle and store chemicals
FENCING	AHCINF302	Plan and construct an electric fence
FIRST AID	HLTAID003	Provide first aid
HORSE NUTRITION	AHCLSK311	Implement feeding plans for livestock
PASTURE ESTABLISHMENT	AHCBAC302	Establish pastures and crops for livestock production
PREPARE FOR FOALING	AHCLSK314	Prepare animals for parturition
WORKING IN INDUSTRY	AHCWRK204	Work effectively in the industry
<b>GROUP B ELECTIVES: Plus a minimum of 5 competencies must come from group A or B</b>		
HOOF CARE	AHCHBR302A	Carry out basic hoof care procedures
HORSE BREEDING	AHCHBR303A	Carry out mare mating or artificial insemination procedures
HORSE HEALTH	AHCHBR306A	Prevent and treat equine injury and disease
HORSE RIDING & TRAINING	AHCHBR304A	Educate, ride and care for horses and equipment
HORSE SUITABILITY	AHCHBR307A	Assess suitability of horses for stock work
MACHINERY	AHCMOM202	Operate tractors
	AHCMOM211	Operate side by side utility vehicles
	AHCMOM212	Operate quad bikes
<b>OTHER ELECTIVES: A maximum of 4 Group C units from here or elsewhere in Cert II, III or IV can be included in the AHC30116 Qualification.</b>		
FENCING	AHCINF202	Install, maintain and repair farm fencing

**TOTAL SPECIAL AWARD IN STOCK HORSE BREEDING AND TRAINING.**

The minimum requirements of the AHC30116 Certificate III in Agriculture and the full list of units offered at Tocal as part of the *Tocal Stock Horse Breeding & Training* program have been described in the previous table.

However, when undertaking this course Tocal recommends students attempt additional units of study including Tocal Special Competencies. These requirements have been developed in consultation with industry to ensure students that achieve them have appropriate attitudes & interpersonal skills and proficiency in a range of commonly required farm skills (including key equine skills). Tocal students who meet AHC30116 standards plus achieve the necessary extra requirements are eligible for the *Tocal Special Award in Stock Horse Breeding and Training*.

The *Tocal Special Award in Stock Horse Breeding and Training* is not a nationally accredited qualification award and is unique to Tocal College.

**To qualify students must meet AHC30116 requirements including AHCWRK204 Work effectively in the industry plus achieve 5 x Tocal Special Competencies- TOC301, TOC302, TOC303, TOC304 & TOC305.**

<b>TOTAL SPECIAL COMPETENCIES: These are NOT required for the National Qualification AHC30116 but are necessary for Tocal Special Awards as described above.</b>		
INTERPERSONAL SKILLS	TOC301	Demonstrate appropriate attitudes and interpersonal skills
INDIVIDUAL STUDIES	TOC302	2 x Individual Studies to be completed by conducting independent research or projects
PROFICIENCY IN FARM SKILLS	TOC303	Demonstrate proficiency in a range of commonly required general farm skills
PROFICIENCY IN EQUINE SKILLS	TOC304	Demonstrate proficiency in a range of commonly required equine skills
FOAL HANDLING	TOC305	Wean, handle and educate foals

**GRADUATING WITH MERIT in the *TOTAL STOCK HORSE BREEDING and TRAINING* program.**

Students that perform exceptionally well in all aspects of the *Tocal Stock Horse Breeding and Training* program are recognized by an overall Merit award. Again, this is not an accredited qualification award and is unique to Tocal College.

To Graduate with Merit a student must meet *Tocal Special Award in Stock Horse Breeding and Training* requirements plus achieve:

- At least "Competent" in all nearly all available units. (A maximum combination of two "Non Competent" and / or "Withdrawn" grades are permitted, except where withdrawal is for an unavoidable reason),
- A minimum total of 6 x Merit grades,
- The Tocal Special Competencies TOC301, TOC302, TOC303 & TOC304 are achieved at Merit level,
- A record of extra work throughout the year.



## **AHC40116 Certificate IV in Agriculture-**

### **Qualification requirements within the**

### **Tocal Farm Supervisor and Agribusiness program**

This qualification provides a general vocational outcome and develops post-trade skills and knowledge to work as supervisors or team leaders in the agriculture industry.

The requirements for the AHC40116 Certificate IV in Agriculture can be found on the training.gov.au website @ <https://training.gov.au/Training/Details/AHC40116>.

In order to achieve this qualification students must complete twelve (12) units made up of one (1) core unit and eleven (11) elective\* units.

The Table on the following page lists the required core and available elective units to students studying the *Tocal Farm Supervisor and Agribusiness* program.

Tocal students have the opportunity to complete more than the minimum number of units required at no extra charge. These extra units provide students with a broader range of skills and experience and are based on feedback from industry and the employers of past Tocal graduates.

Completing these extra units increases a student's employability skills and industry readiness, making them more desirable to potential employers.



## AHC40116 Certificate IV in Agriculture

### *Tocal Farm Supervisor and Agribusiness program*

Subject Area	Unit Number	Competency Name
<b>COMPULSORY UNITS: This unit must be achieved by students</b>		
FARM SAFETY IV	AHCWHS401	Maintain work health and safety processes
<b>GROUP A ELECTIVE UNITS: A minimum of 4 competencies must come from group a</b>		
BREEDING AND GENETICS	AHCLSK416	Identify and select animals for breeding
CROPS	AHCBAC403	Supervise agricultural crop establishment
	AHCBAC404	Plan and implement agricultural crop maintenance
FEEDLOT	AHCLSK401	Develop feeding plans for a production system
LIVESTOCK NUTRITION	AHCLSK402	Develop livestock feeding plans
MACHINERY SERVICE	AHCMOM402	Supervise maintenance of property machinery & equipment
PASTURE MANAGEMENT	AHCBAC401	Manage pastures for livestock production
PEST MANAGEMENT	AHCPMG412	Develop a pest management plan
SHEEP BREEDING & HUSBANDRY	AHCLSK409	Supervise animal health programs
	AHCLSK411	Supervise natural mating of livestock
YARD DESIGN	AHCLSK413	Design livestock handling facilities
<b>GROUP B ELECTIVE UNITS: Plus a minimum of 5 competencies must come from group A or B</b>		
FARM BUDGETING (required for students attempting Diploma studies)	AHCBUS404	Operate within a budget framework
FARM SAFETY IV	TAEDEL301	Provide work skills instruction
FARM WATER PROJECT	AHCBUS402	Cost a project
PROPERTY REPORT (required for Tocal Special Award in Advanced Agriculture)	BSBCMM401	Make a presentation
QUALITY ASSURANCE	AHCWRK401	Implement and monitor quality assurance procedures
SOILS	AHCSOL401	Sample soils and interpret results
SUPERVISE STAFF	AHCWRK403	Supervise work routines and staff performance
TOTAL CATCHMENT MANAGEMENT	AHCWRK402	Provide information on issues and policies
<b>OTHER UNITS: A maximum of 2 Other units from here or elsewhere in Cert II, III or IV can be included in the AHC40116 Qualification</b>		
FARM BUTCHERY	AHCLSK319	Slaughter livestock
SHEEP & WOOL	AHCSHG301	Prepare livestock for shearing
	AHCWOL308	Prepare facilities for shearing and crutching

**TOTAL SPECIAL AWARD IN FARM SUPERVISION AND AGRIBUSINESS.**

The minimum requirements of the AHC40116 Certificate IV in Agriculture and the full list of units offered at Tocal have been described in the previous table.

However, when undertaking this course Tocal recommends students attempt additional units of study including Tocal Special Competencies. These requirements have been developed in consultation with industry to ensure students that achieve them have appropriate attitudes & interpersonal skills and proficiency in a range of commonly required, general, farm skills. Tocal students who meet AHC40116 standards plus achieve the necessary extra requirements are eligible for the *Tocal Special Award in Farm Supervision and Agribusiness*.

The *Tocal Special Award in Farm Supervision and Agribusiness* is not a nationally accredited qualification award and is unique to Tocal College.

**To qualify students must meet AHC40116 requirements *including* BSBCMM401 Make a presentation *plus* achieve Three x Tocal Special Competencies- TOC401, TOC402, & TOC404.**

<b>TOTAL SPECIAL COMPETENCIES: These are NOT required for the National Qualification AHC40116 but are necessary for Tocal Special Awards as described above.</b>		
INTERPERSONAL SKILLS	TOC401	Demonstrate appropriate attitudes and interpersonal skills
CAREER PREPARATION	TOC402	Communicate effectively with employers
INDUSTRY STUDY	TOC404	Study of an Agricultural Industry

**GRADUATING WITH MERIT in the *TOTAL FARM SUPERVISOR AND AGRIBUSINESS* program.**

Students that perform exceptionally well in all aspects of the *Tocal Farm Supervisor and Agribusiness program* are recognized by an overall Merit award. Again, this is not an accredited qualification award and is unique to Tocal College.

To Graduate with Merit a student must meet *Tocal Special Award in Farm Supervision and Agribusiness* requirements plus achieve:

- At least "Competent" in all nearly all available units. (A maximum combination of two "Non Competent" and / or "Withdrawn" grades are permitted, except where withdrawal is for an unavoidable reason),
- A minimum total of 10 x Merit grades,
- The Tocal Special Competencies TOC401 & TOC404 are achieved at Merit level,
- A record of extra work throughout the year.

## **AHC50116 Diploma in Agriculture-**

### **Qualification requirements**

The requirements for the AHC50116 Diploma in Agriculture can be found on the training.gov.au website @ <https://training.gov.au/Training/Details/AHC50116>.

In order to achieve this qualification students must complete ten (10) elective\* units.

The Diploma course offered to full time students is based on the External Course Program developed by Tocal College. Students will enrol in this online course but have their training facilitated by a Tocal staff member during regular classroom sessions.

The recommended course structure is outlined on the following page setting out available subjects. You need to nominate which subjects you intend to complete when you enrol so we can send you the appropriate study materials in a logical sequence. There are a number of core compulsory subjects and a range of electives available for you to choose from.

The first subject, Develop a whole farm plan, is an important integrating subject and will be referred to throughout all your subjects.

By following a particular stream of studies, you can pursue your major interest in agriculture without having to undertake studies you aren't particularly interested in. The core subjects are those that we believe apply to all agricultural enterprises, so they are a part of each stream of study.

If you substitute one elective subject for another you need to be careful that this change still complies with the packaging rules. Your course coordinator can help you choose relevant subjects.

Two subjects from the Certificate IV in Agriculture course are recommended for inclusion due to their importance in general farm management.

For more in depth information of the Diploma course including individual subjects please refer to the External Diploma Handbook available @ <http://www.tocal.nsw.edu.au/courses/diploma-of-agriculture-external>.

## AHC50116 DIPLOMA OF AGRICULTURE

		Competency Number and Name	Group
<b>Subjects carried from Cert IV studies</b>	Farm Safety IV	AHCWHS401 Maintain work health and safety processes	C
	Farm Budgeting	AHCBUS404 Operate within a budget framework	C
<b>DIPLOMA SUBJECTS</b>			
<b>Core</b>	Develop a whole farm plan	AHCAGB505 Develop a whole farm plan	A
	Manage Soils	AHCSOL501 Monitor and manage soils for production	A
	Manage Climate Risk	AHCAGB501 Develop climate risk management strategies	A
<b>Livestock Electives</b>	Introduction to managing livestock	None	A
	Develop a livestock production plan	AHCLSK505 Develop production plans for livestock	A
		AHCLSK501 Manage livestock production	A
	Develop a livestock breeding strategy	AHCLSK503 develop and implement a breeding strategy	A
	Market livestock	AHCLSK502 Arrange marketing of livestock	A
	Develop livestock health and welfare strategies	AHCLSK504 Develop livestock health and welfare strategies	A
Feed Livestock	AHCLSK402 Develop livestock feeding plans	C	
<b>Plant Electives</b>	Introduction to managing crops	None	
	Develop a crop production plan	AHCBAC408 Manage agricultural crop production	A
		AHCBAC507 Develop production plans for crops	A
	Manage crops and pastures	AHCBAC503 Manage integrated crop and pasture production	A
	Weed and pest control in crops	AHCBAC505 Plan and manage long term weed, pest and/or disease control in crops	A
Forage Conservation	AHCBAC502 Manage forage conservation	A	
<b>People and Business electives</b>	Manage the farm business	AHCBUS506 Develop and review a business plan	A
		AHCBUS507 Monitor and review business performance	A
		AHCBUS508 Prepare and monitor budgets and financial reports	B
	Manage staff	AHCBUS501 Manage staff	A
<b>Summary Subjects</b>	Market agricultural products and services	AHCBUS502 Market products and services	B
	Report on field day	AHCWRK503 Prepare reports	C

### Packaging Rules

Completion of ten (10) elective units.

a minimum of five (5) units must come from elective group A

a minimum of three (3) units must come from elective groups A or B

a maximum of two (2) units may be selected from units aligned to Certificate IV, Diploma or Advanced Diploma in AHC16 or from any other currently endorsed Training Package or accredited course. Selected units must be relevant to job outcomes in agriculture.