



TRAINING
FOR INDUSTRY
CHALLENGE YOUR FUTURE | WHAKAAEHIA TO WERO

Prospectus 2020

Delivering programmes of study in:



Agriculture
Animal Care Technology
Construction, Carpentry & Allied Trades

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Please note: *Our prospectus was accurate at the time of printing. There may be some minor changes to programme offerings before programme commencement. Some programmes are pending NZQA approval and will not commence until approved and sufficient enrolments are received.*

REAL WORLD EXPERIENCE WITH PRACTICAL HANDS ON TRAINING

Ag Challenge (trading as AGC Training For Industry) is a registered New Zealand Qualification Authority (NZQA) accredited training provider, offering real world experience with practical hands-on training in the fields of Agriculture, Equine, Animal Care and Technology, Building and Construction.

The practical experience is gained on two dairy farms milking 1200 cows, a building site where students build a complete relocatable classroom and the opportunity to be based in an operating Veterinary Clinic.

Ag Challenge was born over 30 years ago out of a relationship between Stephen Gudsell, property owner, with the then Department of Social Welfare, to take small groups of clients and teach them basic dairying skills on his farm in Okoia, Wanganui East. Many of the clients were later able to find jobs in the dairy industry.

This led to the formation of Ag Challenge Limited and accreditation with NZQA in 1996. This allowed the formalisation of the education and training programmes and coincided with a strong demand from industry sectors for employees with formal qualifications in their field.

AGC Training currently offers training from Level 1 to Level 5 in Agriculture, Animal Care and Technology, and Building and Construction.

Challenging students to challenge their futures

WHO WE ARE AND OUR CULTURE

AGC Training has around 20 staff with 12 tutors, who all have real world experience and are either working or have worked in their fields. They are all committed to giving all students a chance no matter what their backgrounds or abilities might be.

The organisation goes out of its way to provide students with every chance to succeed. They are able to host students from across New Zealand through working with their partners and relationships to provide either private board or hostel students living locally.

All programmes are New Zealand Qualifications Authority approved and qualify for assistance from Studylink.

The team at AGC Training are always happy to talk through options on which programmes might be suitable for prospective students. They are happy for them to spend an afternoon and up to a few days on one of the courses to make sure it's the right choice for everyone. No obligation, it's a pleasure!

We recognise the founding documents of the Treaty of Waitangi and the Employment Relations Act.

NB: Our courses are subject to minimum student enrolments being attained.

ACCESSING FEES FREE

With Fees Free you don't have to worry about a student loan as the Government will pay these for you.

Eligible learners can now access either their first year of tertiary study, or their first two years of industry-based training, fees free.



You must be:

1. be a New Zealand citizen, or
2. be ordinarily resident in New Zealand, and either:
 - have been living in New Zealand for at least 3 years while holding a residence class visa, or
 - be a refugee or protected person, or
 - be sponsored into New Zealand by someone in their family who, at the time they were sponsored, was a refugee or protected person, and
3. not be enrolled in a school at the start date of the course or programme, and
4. not have previously undertaken more than half a year of equivalent full-time tertiary education (0.5 EFTS or 60 credits), at level 3 or above on the New Zealand Qualifications Framework (NZQF), including tertiary education at an equivalent level undertaken in any other country. This excludes any tertiary education undertaken while enrolled in a secondary school.

There are no age requirements or restrictions.

To be eligible for fees-free funding, the course or industry training programme must:

- start in 2020
- be funded by the Tertiary Education Commission (TEC)
- be recognised by the New Zealand Qualifications Authority (NZQA)
- be at Level 3 or above on the New Zealand Qualifications Framework (NSQF), and
- for industry training only, be at least 120 credits.

To find out if you're eligible:

Go to www.feesfree.co.nz and enter your NSI number and date of birth. Some learners will need to complete a statutory declaration before they can be recognised as being eligible for fees-free study.

The statutory declaration process involves the learner returning a witnessed declaration to the TEC for verification, attesting to their eligibility for fees-free study. The TEC will update the NSN file advising whether the NSNs are eligible for fees-free study or not eligible for fees-free study. This process may take up to two business days.

Finding out is easy, and we can help!



Construction, Carpentry & Allied Trades



Intro to Trade & DIY Skills with BCATS Level 2

Allied Trades Painting & Decorating Level 3

Carpentry Certificate Level 3

FREE!
No Fees

Introduction to Trade & DIY Skills with BCATS Level 2

26 WEEKS – Fulltime

The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989, and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

Graduate Profile	<p>Students will learn foundation knowledge and basic skills in safe working practices; use of specified machinery; residential maintenance including ground, glazing, and carpentry with BCATS projects in constructing garden furniture and erecting a basic residential fence and gate.</p> <p>Students will apply their basic skills and knowledge in the planning, completion, and quality checking of a minor building project.</p> <p><i>Qualifications: Vocational Pathway – Construction and Infrastructure Level 2 NCEP1T</i></p>
Employment Pathway	<p>Graduates will be ready to enter employment at a supervised level in the general field of property maintenance, or to enter higher study in one of the fields covered in this programme, or in some other entry level programme.</p>

Unit Schedule	Unit Standard Title	Level	Version	NZQA Credits
Core Compulsory				
VPCO2.001	Health & Safety	2		4
24354	Demonstrate knowledge of and apply safe working practices in a BCATS environment	2	2	4
VPCO2.002	Select and Maintain Tools	2		12
12927	Identify, select, maintain, and use hand tools for BCATS projects	2	4	6
24350	Identify, select, maintain, and use portable power tools for BCATS projects	2	2	6
VPCO2.003	Handle Construction Materials	2		2
22145	Handle construction materials	2	2	2
VPCO2.004	Understand and Use Specified Fixed Machinery	2		6
24351	Demonstrate knowledge of and use specified fixed machinery in the construction of BCATS projects	2	2	6
VPCO2.005	Ground Maintenance	2		5
21973	Perform basic residential grounds maintenance under supervision	2	2	5
VPCO2.006	Carpentry Maintenance	2		5
25064	Perform basic residential carpentry maintenance under supervision	2	1	5
VPCO2.007	Glazing Maintenance	2		3

Unit Schedule	Unit Standard Title	Level	Version	NZQA Credits
25066	Perform basic residential glazing maintenance under supervision	2	1	3
VPCO2.008	Painting and Decorating	2		5
25067	Perform basic residential painting and decorating under supervision	2	1	5
VPCO2.009	BCATS Planning	2		2
24358	Plan and monitor the construction of a BCATS project, and quality check the product	2	2	2
VPCO2.010	Lay Paving Blocks	2		4
12938	Lay paving blocks as a BCATS project	2	4	4
VPCO2.011	Erect Basic Residential Fence and Gate	2		7
22129	Erect and maintain a basic residential fence and gate as BCATS project	2	3	7
VPCO2.012	Construct a Pergola	2		5
12937	Construct a timber pergola as a BCATS project	2	4	5
VPCO2.013	Literacy	2		10
26622	Write to communicate ideas for a purpose and audience	1	4	4
26624	Read texts with understanding	1	5	3
26625	Actively participate in spoken interactions	1	6	3
VPCO2.014	Numeracy	1		10
26623	Use number to solve problems	1	4	4
26626	Interpret statistical information for a purpose	1	4	3
26627	Use measurement to solve problems	1	4	3
Level 2 Trade			60	
Literacy			10	
Numeracy			10	
Minimum credits for Vocational Pathway – Construction and Infrastructure (level 2)			80	

Course Start: 3rd February 2020 and any time throughout the year	
Course Contact Days: Monday to Friday	Number Weeks Including Holidays: 26
Tutor: Jo Wakeling	Fees: FREE (eligibility applies)
Delivery Site: 364 No.3 Line Carpentry Site	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	

Next Generation: Allied Trade Skills (Painting & Decorating) Level 3

20 Weeks – Fulltime

FEES FREE.
govt.nz

The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989, and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

Graduate Profile	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> • Work safely and in accordance with compliance and regulatory requirements in the construction trades sector • Communicate effectively with colleagues and customers within the construction industry • Read and use specifications and drawings to complete simple construction projects • Perform simple calculations to complete a range of familiar tasks in the construction sector • Apply generic construction industry terminology and display role and inter-relationship knowledge while carrying out allied trades' tasks • Identify and correctly use hand tools and materials to complete familiar tasks in the allied trades • Carry out assigned project work for allied trades <p><i>Qualification: New Zealand Certificate in Construction Trade Skills (level 3) with the strand in Allied Trades NZ2834</i></p>
Employment Pathway	<p>Graduates of this qualification may be employed in:</p> <ul style="list-style-type: none"> • Allied Trades as a Junior Painter and Decorator e.g. Brush Hand • Apprenticeships or further study in the Construction Trade

Unit Schedule	Unit Standard Title	Level	Version	NZQA Credits
COMPULSORY (must complete <u>all</u> courses)				
NZCAT3.001	First Aid	2		2
6401	Provide first aid	2	6	1
6402	Provide basic life support	1	8	1
NZCAT3.002	Safe Work Practices	3		12
17600	Explain safe work practices for working at heights	3	5	3
12997	Demonstrate knowledge of safe working practices on construction sites	3	4	3
27401	Use painting and decorating tools and equipment	2	2	6
NZCAT3.003	Working Effectively	3		6
27370	Work effectively and sustainable in the painting and decorating sector	3	2	6
NZCAT3.004	Read and Interpret Plans	3		6

Unit Schedule	Unit Standard Title	Level	Version	NZQA Credits
27375	Read and interpret plans and specifications in the painting and decorating sector	3	2	6
NZCAT3.005	Measurements and Calculations	3		4
27373	Carry out measurements and calculations in the painting and decorating sector	3	2	4
NZCAT3.006	Decorating Terminology	3	1	5
PD17001	Demonstrate knowledge of construction, painting and decorating terminology and industry job roles	3	1	5
NZCAT3.007	Painting and Decorating Materials	2		6
27393	Handle painting and decorating materials	2	2	6
NZCAT3.008	Painting	4		20
27394	Apply paint by brush and roller to multiple surfaces	4	2	15
PD17002	Demonstrate knowledge of paint products and specialist coatings	3	1	5
Total credits				61

Course Start: 3rd February 2020 with enrolments any time during the year	
Course Contact Days: Monday to Friday	Number Weeks Including Holidays: 20
Tutor: Glen Blythe	Fees: \$1,497.00 incl GST
Delivery Site: 364 No.3 Line Carpentry Site	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	



FEES FREE
govt.nz

Next Generation: Carpentry Level 3 41 Weeks – Fulltime

The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989, and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

Graduate Profile	<p>Graduates of the New Zealand Certificate in Construction Trade Skills (Level 3) (Carpentry Strand) will be able to:</p> <p>Core Qualification Outcome:</p> <ul style="list-style-type: none"> • Work safely and in accordance with compliance and regulatory requirements in the construction trades sector • Carry out assigned carpentry work in a project environment • Communicate effectively with colleagues and customers within the construction industry • Perform simple calculations to complete a range of familiar tasks in the construction sector • Read and use specifications and drawings to complete simple construction projects • Understand and apply specific carpentry terminology and concepts when carrying out carpentry work in a project environment • Understand basic building technology, the properties of timber, concrete, steel and composite products, interior and exterior linings and fixings, and apply this knowledge to carpentry projects • Use construction and installation processes and techniques while carrying out carpentry projects • Carry out assigned carpentry work in a project environment <p><i>Qualification: New Zealand Certificate in Construction Trade Skills (Carpentry) Level 3 NZ2834</i></p>
Employment Pathway	<p>Graduates of this qualification will be able to enter employment in trades within the construction industry as a labourer or an apprentice. With additional training and/or experience they may go on to further roles in the construction industry such as carpenter, joiner, plasterer, painter or roofer.</p>

Unit Schedule	Unit Standard Title	Level	Version	NZQA Credits
COMPULSORY (must complete <u>all</u> courses)				
NZCC3.001	First Aid	2		2
6401	Provide first aid	2	6	1
6402	Provide basic life support	1	8	1
NZCC3.002	Safe Work Practices	3		6
13016	Demonstrate knowledge of the erection and dismantling of scaffolding up to five metres in height	3	4	3
12997	Demonstrate knowledge of safe working practices on construction sites	3	4	3

Unit Schedule	Unit Standard Title	Level	Version	NZQA Credits
NZCC3.003	Hand Tools	3		10
12998	Demonstrate knowledge of carpentry hand tools	3	3	4
13037	Safely use and maintain carpentry hand tools on site	3	3	6
NZCC3.004	Power Tools	3		12
13000	Demonstrate knowledge of portable power tools used on construction sites	3	3	4
13039	Safely use and maintain portable power tools and attachments for construction work on site	3	3	8
NZCC3.005	Working Effectively	3		5
29680	Communicate and work effectively in a Stage 3 BCATS project	3	1	5
NZCC3.006	Working Drawings	3		3
24362	Demonstrate knowledge of working drawings and specifications for building work	3	1	3
NZCC3.007	Site Plans	4		3
13004	Demonstrate knowledge of setting out a building	4	3	3
NZCC3.008	Concrete Work	3		3
13010	Demonstrate knowledge of making and placing concrete	3	3	3
NZCC3.009	Flooring and Slab	3		10
13006	Demonstrate knowledge of preparation for footings and slab on ground construction	4	3	2
13043	Excavate and prepare for footings and slab on ground on site	3	3	8
NZCC3.010	Calculations	3		4
24378	Perform building calculations	3	1	4
NZCC3.011	Building Legislation	3		3
24364	Demonstrate knowledge of compliance with building legislation	3	1	3
NZCC3.012	Timber and Exterior Claddings	4		5
13002	Demonstrate knowledge of timber used in construction	3	3	2
13017	Demonstrate knowledge of fixing exterior claddings	4	3	3
NZCC3.013	Interior Linings and Trim	4		5
24388	Demonstrate knowledge of cutting, fitting and fixing interior linings and trim	4	1	5
NZCC3.014	Framing	4		13

Unit Schedule	Unit Standard Title	Level	Version	NZQA Credits
24382	Demonstrate knowledge of setting out, assembling and erecting timber and steel wall frames	4	1	5
21015	Assemble wall frames in a controlled environment	3	2	8
NZCC3.015	Demolition	3		1
13031	Demonstrate knowledge of regulations and precautions for demolition work	3	3	1
NZCC3.016	Weatherproofing	3		4
21211	Demonstrate knowledge of the principles of, and methods used in weatherproofing buildings	3	2	4
NZCC3.017	Reinforcing	3		5
13046	Fabricate and place reinforcing steel and steel mesh on site	3	3	5
NZCC3.018	Piles	3		16
24396	Construct pile foundations on site	3	1	16
NZCC3.019	Flooring	3		10
24397	Construct floor framing and flooring on site	3	1	10
Total Credits				120

Course Starts: 3rd February 2020 with enrolments any time during the year	
Course Contact Days: Monday to Friday	Number Weeks Including Holidays: 41
Tutors: Karney Herewini, Colin Gibbs	Fees: \$3,401.00 incl GST
Support Tutor: Mark Pellow	Delivery Site: 364 No.3 Line Carpentry Site
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	



Agriculture



Farm Skills Level 2

Vehicles, Machinery & Infrastructure Level 3

Milk Harvesting Technology Level 3

Farming Systems Technology Level 3

FREE!
No Fees

Next Generation: Farming Skills Level 2 15 weeks – Fulltime

The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989, and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

Graduate Profile	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> Carry out practical production tasks associated with an entry level role in a primary industry context. Use safe work practices in a primary industry workplace. <p><i>Qualification: New Zealand Certificate in Primary Industry Skills (Level 2) NZ2218</i></p>
Employment Pathway	<p>Graduates of this qualification will have the skills and knowledge to obtain entry level roles in the primary sector, for example, relief milker, junior farm assistant.</p>

Unit Schedule	Unit Standard Title	NZQA Credits	Level
Rural Health and Safety Skills (Compulsory)			
23541	Locate hazards, describe safety procedures, and demonstrate safe work practices in a rural workplace	5	2
23540	Demonstrate knowledge of hazards, hazard control, and the consequences of injury in a rural workplace	5	2
Choose any of the following units to make up 30 Credits			
Stock Handling			
19106	Assist with handling livestock when moving and drafting, and when livestock are distressed	4	2
19112	Check and report on livestock	4	2
26417	Assist with handling cattle in yards	2	2
Dairying			
24548	Assist with milking	8	2
Farm Fencing			
24833	Identify and maintain fencing tools and equipment, and identify fencing construction materials and wire types	3	2
24832	Open and draw out a coil of wire, tie knots, join wire and prepare wire for transport and storage	5	2
Feed livestock and Grazing Management Skills			
561	Install, dismantle and store temporary electric fences	2	2
24630	Assist with livestock grazing management and feed livestock under direct supervision	4	2
19116	Demonstrate knowledge of livestock behavior and animal welfare	2	2

Unit Schedule	Unit Standard Titles	NZQA Credits	Level
Agricultural Vehicles			
24555	Demonstrate knowledge of the safe operation of a motorcycle-compulsory	3	2
19053	Ride a motorcycle on flat terrain	3	2
19044	Demonstrate knowledge of the legal requirements and hazards associated with tractor use	3	2
24552	Check and drive a basic wheel tractor with an attached implement on flat terrain	5	2
Total Credits		40	

Course Starts: 3rd February 2020 with enrolments any time during the year	
Course Contact Days: Monday - Friday	Number Weeks Including Holidays: 15
Tutor: John Feldberg	Fees: FREE (eligibility applies)
Delivery Site: 312 No.3 Line and 108 Kaimatira Road, Whanganui	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	



Next Generation: Agriculture (Vehicles, Machinery & Infrastructure) Level 3

15 Weeks - Fulltime

FEES FREE.
govt.nz

The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989 and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

Graduate Profile	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> Identify and assist with the management of workplace hazards Carry out a range of activities related to the use and/or maintenance of workplace vehicles, machinery and infrastructure. <p><i>Qualification: New Zealand Certificate in Agriculture (Vehicles, Machinery & Infrastructure) (Level 3) NZ2215</i></p>
Employment Pathway	Graduates of this qualification are likely to be employed as a general hand, junior shepherd, farm assistant, or in other similar roles in rural based workplaces.

Unit Schedules	Unit Standard Titles	NZQA Credits	Level
Management of Workplace Hazards			
23542	Identify factors, and describe how to manage factors, that contribute to injury in a rural workplace	4	3
Rural Workplace, Vehicles, Machinery & Infrastructure			
19048	Apply fertiliser using mounted or trailed equipment	6	3
37	Install fencing wire	6	3
24821	Locate the position of, and install, primary and intermediate posts for fencing	6	3
28924	Assist with supplying water to livestock in a pastoral livestock workplace	5	3
29297	Operate and maintain a chainsaw in a land-based context	8	3
Choose ONE Specific Vehicle Type Below			
Two Wheeled Motorcycles			
24555	Demonstrate knowledge of the safe operation of a motorcycle	3	2
19055	Ride a motorcycle with mounted equipment or a load	3	3
19053	Ride a motorcycle on flat terrain	3	2
19054	Ride a motorcycle on hilly terrain	3	3
Tractors			
19044	Demonstrate knowledge of the legal requirements and hazards associated with tractor use	3	2
24538	Demonstrate knowledge of tractor stability and the dynamics of tractors and attached implements	4	3
27604	Drive a tractor with an attached implement on hilly terrain	4	3
Total Credits		46-47	

Course Starts: 3rd February 2020 with enrolments any time during the year	
Course Contact Days: Monday to Friday	Number Weeks: 15
Tutor: Tim Evans / John Feldberg	Fees: \$556.00 incl GST
Available: Whanganui	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	





Next Generation: Milk Harvesting Technology Level 3

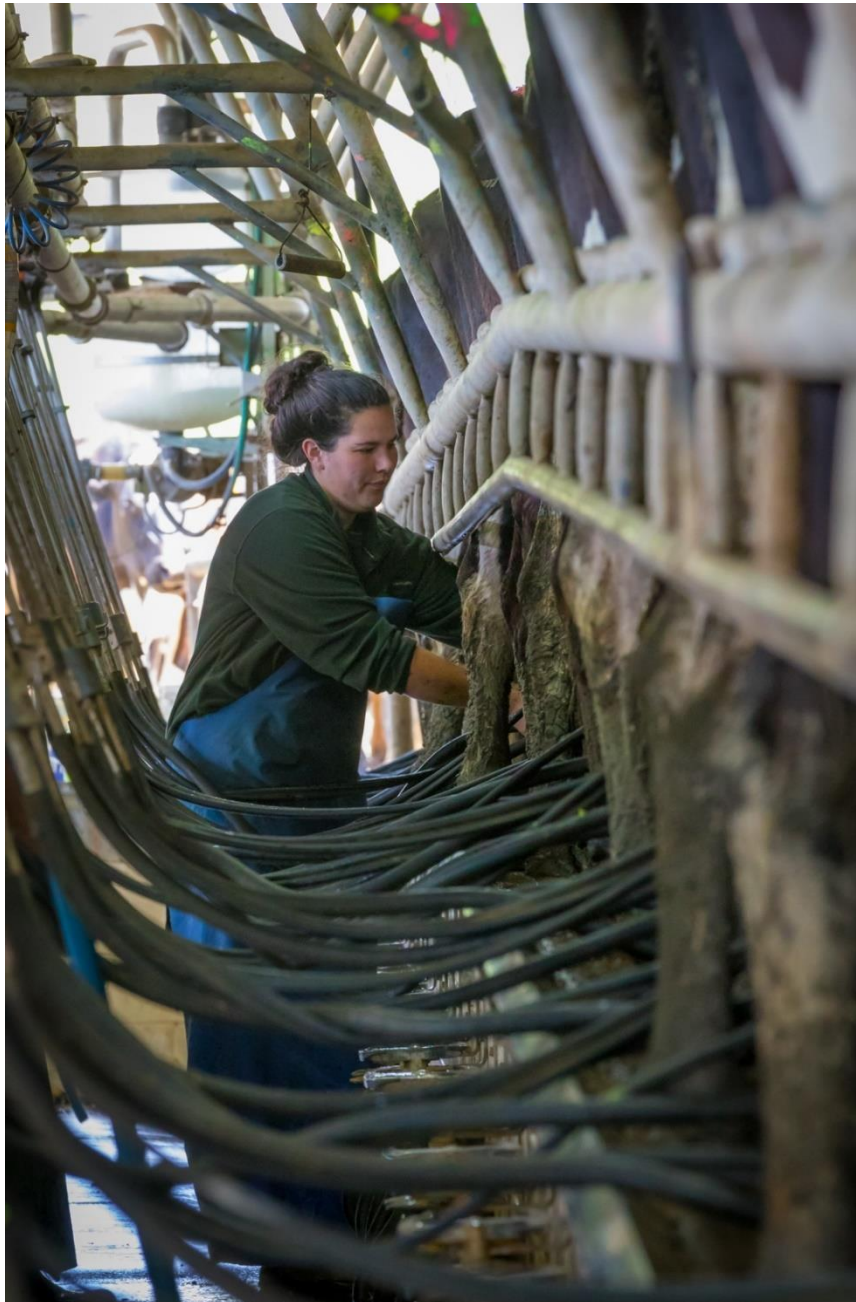
22 Weeks – Fulltime

The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989 and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

Graduate Profile	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> • Milk animals, maintaining hygiene and animal welfare • Clean the milking plant and farm dairy to maintain optimum milk quality • Assist with maintenance of the milking plant and equipment • Assist with identifying milk quality problems and implementing solutions • Assist with dairy effluent management. <p><i>Qualification: New Zealand Certificate in Agriculture (Milk Harvesting) (Level 3) NZ2216</i></p>
Employment Pathway	<p>Graduates of this qualification are likely to be employed as full-time milk harvesters or perform this work as part of a wider farm assistant role in the dairy sector.</p>

Unit Schedules	Unit Standard Titles	NZQA Credits	Level
Milk Animals			
582	Handle livestock when moving and drafting and when livestock are distressed	6	3
28937	Milk dairy livestock	10	3
23541	Locate hazards, describe safety procedures, and demonstrate safe work practices in a rural workplace	5	2
Clean the Milking Plant			
24549	Clean the milking plant, vats or silos, dairy and yards	9	3
23793	Demonstrate knowledge of, evaluate, and monitor, on-farm milking plant cleaning procedures	2	3
23790	Describe milk cooling, milk cooling equipment, and milk cooler hygiene checking	5	3
Maintenance of Milking Plant			
28938	Assist with the maintenance of a milking plant and farm dairy equipment	5	3
Milk Product Quality Control			
28939	Understand the risks to on-farm milk quality and assist with implementing solutions to milk quality problems	10	3
Manage Dairy Waste (Effluent and Contaminated Milk)			
28940	Demonstrate understanding of a dairy effluent management system	10	3
28941	Assist with the operation and maintenance of a dairy effluent management system	10	3
Total Credits		72	

Course Starts: 3rd February 2020 with enrolments any time during the year	
Course Contact Days: Monday to Friday	Number Weeks Including Holidays: 22
Tutor: TBC	Course costs: \$2,661.00 incl GST
Available: Whanganui	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	





Next Generation: Farming Systems Technology Level 3

24 Weeks – Fulltime

The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989 and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

Graduate Profile	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> • Apply theoretical knowledge of key farming inputs to pastoral farming systems. • Assist with key livestock production tasks in a pastoral farming context. • Utilise technology within pastoral farming systems. • Assess and minimise risk to self, others and equipment. • Apply theoretical knowledge of sustainable practices to pastoral farming systems <p><i>Qualification: New Zealand Certificate in Agriculture (Farming Systems) (Level 3) NZ2220</i></p>
Employment Pathway	<p>Graduates of this qualification may be employed in a range of roles in pastoral farming enterprises requiring limited supervision, for example milk harvester, shepherd, dairy farm assistant or general farm hand.</p>

Unit Schedule	Unit Standard Titles	NZQA Credits	Level
Assess and Minimise Risk to Self, others and equipment			
23542	Identify factors, and describe how to manage factors, that contribute to injury in a rural workplace	4	3
19145	Describe hydration, nutrition, and sleep in relation to physical well-being of agriculture workers	4	2
Apply Theoretical knowledge of key farming inputs to pastoral farming systems			
19103	Demonstrate knowledge of methods for promoting on-farm livestock health and health problems of livestock	8	3
19140	Demonstrate knowledge of water use and quality, and related land use issues in primary production	5	3
28922	Demonstrate understanding of pasture management in a pastoral livestock workplace	12	3
22174	Demonstrate knowledge of soils and fertilizers	5	2
Utilise Technology within pastoral farming systems			
29414	Describe and use a Global Positioning System (GPS) for a specified rural activity	2	3
22018	Demonstrate Knowledge of herd testing and its benefits to the agriculture industry	3	3
Apply theoretical knowledge of sustainable practices to pastoral farming systems			
17204	Demonstrate knowledge of Sustainable Land Management in the NZ environment, society and economy	10	3
Assist with Key Livestock Production Tasks			
28923	Assist with feeding pastoral livestock to meet production targets	8	3
28924	Assist with supplying water to livestock in a pastoral workplace	5	3

Unit Schedule	Unit Standard Title	NZQA Credits	Level
Choose Dairy Farming or Sheep Farming			
Dairy Farming			
18194	Prepare for milking, and milk cows, under close supervision	4	1
24547	Prepare equipment and treatments, restrain and treat dairy cattle, and perform drench calculations	6	3
26417	Assist with handling cattle in yards	2	2
24549	Clean the milking plant, vats or silos, dairy and yards	9	3
Sheep Farming			
577	Dag and crutch sheep with prepared equipment	5	2
15050	Describe wool pressing, press wool as directed, and assist with penning up of sheep	5	2
581	Dock and treat lambs	4	3
24638	Handle and treat sheep	6	3
Total Credits		87	

Course Starts: 3rd February 2020 with enrolments any time during the year	
Course Contact Days: Monday to Friday	Number Weeks Including Holidays: 24
Tutor: Tim Evans	Fees incl GST: Dairy \$3,217.00 Sheep \$3,173.00
Available: Whanganui	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	



Animal Care & Technology



Animal Care Technology Level 3

- Equine or Companion Animal

Rural Animal Technician Level 5

Veterinary Nursing Assistant Level 5



Next Generation: Animal Care Technology (Equine or Companion Animals) Level 3 22 weeks - Fulltime

The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989, and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

Graduate Profile	<p>Graduates of the qualification will be able to:</p> <ul style="list-style-type: none"> • Comply with all regulatory requirements and relevant industry codes of practice for animal care • Respond to normal and abnormal health and behaviour in animals • Assist with the day to day care of animals <p><i>Qualification: New Zealand Certificate in Animal Care (Fish, Horses, Companion Animals, and Lifestyle Block Animals) (Level 3) NZ2487</i></p>
Employment Pathway	<p>Graduates of this qualification are likely to be employed in a range of businesses associated with the care of animals. This may include people working as assistants in pet stores, animal rescue centers, pet grooming, animal day care, greyhound racing kennels, animal breeders, animal training, boarding facilities, aquarium services, horse recreation businesses, and lifestyle block owners.</p>

CHOOSE EITHER EQUINE or COMPANION ANIMALS

EQUINE STRAND			
Unit Schedule	Unit Standard Title	NZQA Credits	Level
Comply with all Regulatory requirements and relevant industry codes of practice for animal care			
5189	Demonstrate and apply knowledge of health and safety in an animal facility	4	3
31504	Describe and apply the Animal Welfare Act 1999 for animals in an animal facility	3	3
Respond to normal and abnormal health and behaviour in animals			
AC16003	Demonstrate knowledge and understanding of basic emergency first aid of animals	8	3
1651	Recognise signs of good health, ill health, common ailments, and lameness in horses	8	3
Assist with day to day care of animals			
19949	Identify basic components and functions, and common problems of Horse's body systems	3	2
21380	Describe animal facility environmental hygiene and carry out hygienic practices	5	3
572	Demonstrate knowledge of electric fencing components and systems	5	3
28924	Assist with supplying water to livestock in a pastoral livestock workplace	5	3
29168	Care for a group of horses in a paddock, and maintain paddocks under close supervision	10	2
6622	Analyse horse feed and stable horses	4	3

Unit Schedule	Unit Standard Title	NZQA Credits	Level
29167	Prepare horses for travel, and load and unload under close supervision	4	2
1656	Groom a horse	2	2
24561	Ride a quad bike with trailed equipment	4	3
24554	Ride a quad bike on flat terrain in the workplace	4	2
24557	Demonstrate knowledge of the safe operation of a quad bike	3	2
Total Credits:		72	

COMPANION ANIMALS STRAND

Unit Schedule	Unit Standard Title	NZQA Credits	Level
Comply with all Regulatory requirements and relevant industry codes of practice for animal care			
5189	Demonstrate and apply knowledge of health and safety in an animal facility	4	3
31504	Describe and apply the Animal Welfare Act 1999 for animals in an animal facility	3	3
Respond to normal and abnormal health and behaviour in animals			
5183	Handle and transport injured companion animals	2	3
14377	Recognise normal and abnormal behaviour and conditions in animals	5	4
AC16003	Demonstrate knowledge and understanding of basic emergency first aid of animals	8	3
Assist with day to day care of animals			
5165	Describe parturition and after care of companion animals	3	3
19540	Demonstrate knowledge of basic animal husbandry	5	3
21549	Demonstrate knowledge of animal health product labels and product information sources	4	3
19894	Describe zoonoses, notifiable exotic zoonoses, and their control, in New Zealand	5	3
18	Demonstrate knowledge of animal anatomy and physiology	4	3
5180	Demonstrate knowledge of companion animal anatomy, cells, body tissues and systems	6	3
21380	Describe animal facility environmental hygiene and carry out hygienic practices	5	3
21379	Demonstrate knowledge of requirements relating to transport of cats and dogs	2	2
7337	Identify, handle and care for dogs	4	3
5148	Identify, handle, and care for cats	4	3
5149	Monitor health and provide husbandry for rabbits and rodents	6	3
Total Credits:		70	

Course Starts: 3rd February 2020 with enrolments any time during the year	
Course Contact Days: Monday to Friday	Number Weeks Including Holidays: 22
Tutor: TBC	Fees incl GST: Equine \$3,371.00 Companion Animals \$3,643.00
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	





Next Generation: Rural Animal Technician (Large Animal) Level 5

40 Weeks – Fulltime

The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989, and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

Programme Aim	<p>To provide a level 5 programme which builds on the skills and knowledge developed from previous animal handling experience, either as a farm assistant/supervisor or as a veterinary nurse assistant or as a progression from the NZ Certificate in Agriculture (Livestock Husbandry) Level 3.</p> <p>This programme prepares individuals as rural animal technicians by providing them with the skills, knowledge and attributes needed to help assist veterinarians either in a large rural animal practice or work in conjunction with a veterinarian as a technician in a farm setting or in a specialised trade such as AI or pregnancy scanning. The programme presents the technical skills and knowledge needed to work within a mixed veterinary practice from working in reception and dealing with rural clients to maintaining the health and husbandry of farm animals and responding to clients' requests for advice.</p> <p><i>Qualification: New Zealand Certificate in Animal Technology (Level 5) Rural Animal Technician Strand NZ2490</i></p>
Graduate Profile	<p>Core Qualification Outcome:</p> <ul style="list-style-type: none"> Supervise work in client business interface of animal related facility <p>Graduates of the Rural Animal Technician Strand will also be able to:</p> <ul style="list-style-type: none"> Maintain the health and husbandry of animals in a rural environment Perform technical tasks for the maintenance of animal health and welfare in the rural setting Apply knowledge of pharmacology and current law, to dispense and administer animal remedies Collect and/or test diagnostic samples and/or prepare samples for dispatch
Employment Pathway	Graduates of this qualification may be employed as veterinary nursing assistants or rural animal technicians working with companion or rural animals.

Unit Number	Unit Standard Title	NZQA Credits	Level
COMPULSORY (must complete all courses)			
5191	Admit and discharge animal patients	4	3/5
5195	Demonstrate knowledge and skills for providing veterinary reception services	6	3/5
5179	Conduct preliminary clinical examination of an animal	3	4
AVN16001	Apply Knowledge of Animal Anatomy and Physiology to duties of an assistant veterinary Nurse	10	4
14377	Recognise normal and abnormal behaviour and conditions in animals	5	4

Unit Number	Unit Standard Title	NZQA Credits	Level
21358	Demonstrate knowledge of parasites affecting horses and production animals	8	4
19894	Describe zoonoses, notifiable exotic zoonoses, and their control, in New Zealand	5	3
RAT17003	Assist with parturition and after care of farm animals, and respond to client requests for advice	4	4
9692	Deliver an oral presentation to an audience	4	5
5186	Supervise monogastric animal feeding, and respond to client requests for advice	8	5
RAT17004	Supervise ruminant feeding, and respond to client request for advice	6	5
5184	Handle and transport injured large animals	2	3
8621	Maintain the health of deer	6	5
21393	Develop, implement, monitor and adjust a feed budget to meet agribusiness production targets	14	5
RAT17002	Technical Tasks	12	5
23795	Demonstrate knowledge of mastitis management in dairy cows using SAMM plan	6	3
5189	Demonstrate and apply knowledge of health and safety in an animal facility	4	3
RAT17001	Apply knowledge of pharmacology and current laws to dispense and administer animal remedies	6	5
21355	Collect and test diagnostic samples from large animal, and prepare the sample for dispatch	5	3/5
5172	Collect and carry out routine examinations on faecal samples from animals	5	5
Total credits		123	

Course Starts: 10th February 2020 with enrolments any time during the year	
Course Contact Days: Monday - Friday	Number Weeks Including Holidays: 40
Tutor: Delma Dunham	Fees: \$6217.00 incl GST
Delivery Sites: Wanganui Vet Services Clinic, 35 Somme Parade and Ag Challenge Farm Properties	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	



Next Generation: Veterinary Nursing Assistant (Companion Animals) Level 5

41 Weeks – Fulltime



The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989, and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

Graduate Profile	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> work in client business interface of animal related facility. <p>Graduates with the Veterinary Nursing Assistant strand will also be able to:</p> <ul style="list-style-type: none"> maintain animal health and husbandry of animals in a veterinary clinic care for hospitalized patients assist in surgery preparation and anaesthesia assist with routine diagnostic procedures. <p><i>Qualification: New Zealand Certificate in Animal Technology (Level 5) with the strand Veterinary Nursing Assistant NZ2490</i></p>
Employment Pathway	Graduates of this qualification may be employed as veterinary nursing assistants working with companion or rural animals.

Unit Schedule	Unit Standard Title	NZQA Credits	Level
Work in Client Business Interface of Animal Related Facility			
5195	Demonstrate knowledge and skills for providing veterinary reception services	6	3
5191	Admit and discharge animal patients	4	3
21384	Demonstrate and apply knowledge of professional behaviour for veterinary nurses	3	3
Maintain Animal Health and Husbandry of Animals in a Veterinary Clinic			
AVN16001	Apply Knowledge of Animal Anatomy and Physiology to duties of an assistant veterinary Nurse	10	4
AVN16002	Manage the health and husbandry of dogs and cats in the role of an assistant veterinary nurse.	10	4
5189	Demonstrate and apply knowledge of health and safety in an animal facility	4	3
21380	Describe animal facility environmental hygiene and carry out hygienic practices	5	3
5192	Dispense animal drugs as directed by the veterinarian	3	3
19894	Describe zoonoses, notifiable exotic zoonoses, and their control, in New Zealand	5	3
5179	Conduct preliminary clinical examination of an animal	3	4
5181	Provide emergency first aid care to companion animal	8	5
5222	Recognise and interpret problems of behaviour in companion animals	5	5
5183	Handle and transport injured companion animals	2	3
5165	Describe parturition and after care of companion animals	3	3
5206	Nurse geriatric animals	4	5

Unit Schedule	Unit Standard Title	NZQA Credits	Level
Care For Hospitalised Patients			
5160	Nurse a hospitalised animal patient	5	3
5200	Prepare for an intravenous drip, and monitor an animal while on fluid therapy	4	4
Assist in Surgery Preparation and Anaesthesia			
5155	Prepare animal patients for surgery	5	4
5156	Assist with animal surgery as a circulating veterinary nurse	8	5
5158	Assist the veterinarian with animal anaesthetic and analgesic procedures	18	5
Assist with Routine Diagnostic Procedures			
VNA007	Introduction to Diagnostic and Imaging in the role of Veterinary Nursing Assistant	8	3
Total Credits:		122	

Course Starts: 10th February 2020 with enrolments any time during the year	
Course Contact Days: Monday - Friday	Number Weeks Including Holidays: 41
Tutor: Melanie Thompson	Course costs: \$6,327.00 incl GST
Delivery Site: Wanganui Vet Services Clinic, 35 Somme Parade, Whanganui	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	



SECONDARY SCHOOL PROVISIONS

Ag Challenge maintains a strong relationship with secondary schools to enable students to attain their career goals and improve their NCEA studies. We have worked with secondary schools since 1999 offering vocationally focused unit standard based education which lead toward nationally recognised qualifications. School students can start exploring a career within industry via our secondary school provisions.

Our secondary school provisions are listed below and Ag Challenge would be delighted to talk through any of these with schools, parents and caregivers.



Trades Academy

Trades academies focus on delivering trades and technology programmes to secondary students based on partnerships between schools, tertiary institutions, industry training organisations and employers.

Students in years 11 to 13, who are interested in a career in trades or technology are able to combine study at a trades academy with studies towards their National Certificate of Educational Achievement (NCEA) and a nationally transferable tertiary qualification Level 1, 2 or 3. It is expected that students will have the opportunity to achieve an award in at least one of the Vocational Pathways for NCEA Level 2.

The purpose of a trades academy is to:

- ✓ motivate more students to stay engaged in learning and training by providing them with a greater number of options for study
- ✓ provide students with clear pathways post-school by giving them a head start on training for vocational qualifications and smooth access to employment
- ✓ improve the responsiveness of schools to business and economic needs.

Intended Outcomes for Students

The programme must lead to a worthwhile qualification for the students enrolled in the trades academy. This is a minimum of NCEA level 2. Students must also be working toward a trades-related nationally-transferable tertiary qualification in Level 1, 2 or 3 as part of the programme. It is expected that students will have the opportunity to gain a Vocational Pathways Award for NCEA Level 2.

Secondary Tertiary Alignment Resource - STAR

Schools administrated funding that allows secondary schools to engage Ag Challenge to provide training and education to their students under a Memorandum of Understanding (MOU) for specific programmes or Unit Standards. Ag Challenge currently delivers Carpentry and Agriculture STAR programmes to local schools.

Students attend Ag Challenge onsite one day per week and are often working toward 20 credits from a nationally recognised certificate. Students complete Unit Standards at this level and receive an excellent head start towards gaining a New Zealand Certificate in the field of their choice and can continue with one of our fulltime programmes.

The objectives of STAR are to:

- ✓ provide flexible funding for courses which will better respond to students' needs, motivate them to achieve, and facilitate their smooth transition to further education, training or employment
- ✓ support students to explore career pathways and help them make informed decisions about their schooling and future work or study.

Contact our Administration Team for more information
Phone: 0800 348 8215 or 06 348 8215
Email: info@agchallenge.co.nz

GATEWAY – Distance Learning

The Gateway Distance Learning programme is for students at school working towards NCEA Level 2 and 3 so they can learn at their own pace and in their own environment. It's a user pays correspondence programme that can be accessed by school students who want to upskill.

Ag Challenge offers a range of correspondence based options and our Gateway Co-ordinator works closely with the Schools Co-ordinator to ensure that students can achieve NZQA Units Standards.

Unit standard packages are available in:

- **Animal Care**
- **Agriculture**
- **Building and Construction**

Gateway Coordinator: Kristine Dickson
Phone: 0800 348 8215 or 06 281 3140
Email: gateway@agchallenge.co.nz

EMPLOYER and COMMUNITY CONNECTIONS

JOBS – Job Opportunity Brokering Support Programme

The JOBS programme is a hands-on approach to getting employment for those on a WINZ Job Seekers benefit. Not only will we help you get a job, we will help you keep it by providing mentoring and support to help work through any initial difficulties that may arise. Over 75% of JOB's Programme clients find full-time work or go into full-time study.

Features of the JOB's Programme are:

- Working with clients to find out what their employment goals are
- Teaching new skills as well as refining existing skills
- Actively seeking employment opportunities
- Encouraging good, positive work ethics
- Assisting clients in job search skills and techniques
- Helping develop marketable C.V.s
- Finding work experience opportunities across the industry
- Offering work-place support to ensure long-term employment outcomes

We place our clients in a range of employment opportunities, from hammer hands to farming; customer service roles to factory work. Join any time of the year for agriculture, construction, and related trades training.

Working with people who want to work

Call Henry today to set up an appointment or contact your WINZ case manager

JOBS Administrator: TBC
Phone: 06 281 3145 or 021 862 757
Email: jobs@agchallenge.co.nz

JOBS Tutor and Field Officer: Henry Chase
Phone: 027 414 928



Talk to us for more information - we would love to hear from you!

Phone: 0800 348 8215 (NZ Only)
or + 64 6 348 8215

Email: info@agchallenge.co.nz

Web: www.agchallenge.co.nz

Facebook: Ag Challenge

Post: PO Box 674, Whanganui 4540

Visit: 312 No.3 Line, Whanganui 4582

Challenge your future

