



Ag Challenge

NZQA ACCREDITED PRIVATE TRAINING ESTABLISHMENT

PROSPECTUS 2018

Delivering programmes of study in:

Construction, Carpentry and Allied Trades

- ✓ Youth Guarantee Trade Skills Level 1-2
- ✓ Allied Trades Painting & Decorating Level 3 **
- ✓ Carpentry Certificate Level 4

Agriculture

- ✓ Farming Skills Level 2
- ✓ Farming Systems Level 3
- ✓ Livestock Husbandry Technology Level 3
- ✓ Pastoral Livestock Production Technology Level 3
- ✓ Livestock Production Management Level 5 **

Animal Care and Technology

- ✓ Animal Care Technology Level 3 – Horses or Lifestyle Block or Companion Animals
- ✓ Rural Animal Technician Level 5 **
- ✓ Veterinary Nursing Assistant Level 5



** Subject to NZQA approval
Students may qualify for StudyLink assistance depending on personal circumstances



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Please note: *This booklet 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.*

Brief History

Ag Challenge began as a small farm training programme on the Director's property in 1984 and became a registered company 14 August 1992. There are now four sites located along No.3 Line and Kaimatira Road, Whanganui as well as our campus at Wanganui Vet Services Clinic for delivery of our programmes. Ag Challenge is a leading provider; NZQA accredited in tertiary education and covers a wide range of courses.

Our Mission

“Challenging students to challenge their futures”

Our Philosophy

Ag Challenge is an equal opportunity, multi-cultural organisation. There will be no discrimination with regards to staff or student selection concerning race, religious belief, ethnic or national origins, gender, sexual orientation, age, marital status or disability.

It is our intention to ensure all people are treated fairly in all areas. We aim to deliver our programmes in a variety of ways so as not to disadvantage learners. We recognise the founding documents of the Treaty of Waitangi and the Employment Relations Act.

Training Facilities

- **Ag Challenge Main Office & Student Administration** - 312 No.3 Line, Whanganui
- **Construction, Carpentry & Allied Trades Training** - 364 No.3 Line, Whanganui
- **Dairy and Farm Training** - 364 No.3 Line and 108/124 Kaimatira Road, Whanganui
- **Sheep and Beef Training** - Kaukatea Valley Road & Turoa Road, Whanganui
- **Animal Care & Technology** - Wanganui Vet Services Clinic, 35 Somme Parade, Whanganui and 358 No 3. Line, Whanganui

FOCUS ON THE FUTURE AND NEXT GENERATION

Our suite of programmes was developed to cover the expiration of National Certificates by NZQA and the introduction of **New Zealand Certificates**. Graduates holding existing National qualifications can use these as credits and RPL towards the new qualifications. The current programmes and their ongoing development, in combination with NZQA approval, provide excellent opportunities for Whanganui and its community.

Need More Information?

General Enquiries, Enrolments and Programme Brochures: 0800 348 8215 (NZ Only) or + 64 6 348 8215

Web Site: <http://agchallenge.co.nz/> Email: info@agchallenge.co.nz

Postal Address: P.O. Box 674, Whanganui

Ag Challenge Main Office: 312 No. 3 Line, Whanganui



Construction, Carpentry & Allied Trades



Youth Guarantee Trade Skills Level 1-2
Allied Trades Painting & Decorating Level 3
Carpentry Certificate Level 4

FREE!
No Fees

NEXT GENERATION: YG TRADE SKILLS 28 WEEKS – Fulltime

**Students must be 16–19 years of age at the start of the Youth Guarantee Programme
(or 15 years old and hold an early leaving exemption from school).**

*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 do:</p> <ul style="list-style-type: none"> • Building calculations • Concrete work • Residential fencing and decks • Project work • House framing <p><i>Qualifications:</i> <i>National Certificate in Building, Construction and Allied Trade Skills Level 1: BCATS 1</i> <i>National Certificate in Building, Construction and Allied Trade Skills Level 2: BCATS 2</i></p>
Employment pathway	<p>Graduates of this qualification may be employed in:</p> <ul style="list-style-type: none"> • Building and Construction / Allied Trades • Apprenticeships

BCATS 1

Unit Schedule	Unit Standard Title	Credit	Level
24352	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project	2	1
24355	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	4	1
24356	Apply elementary workshop procedures and processes for BCATS projects	8	1
Electives Required Minimum		14	
12927	Identify, select, maintain, and use hand tools for BCATS projects	6	2
12932	Construct timber garden furniture and items of basic construction equipment as a BCATS project	8	2
25921	Make a cupboard as a BCATS project	6	2
26623	Use numbers to solve problems	4	1
AS90052	Produce creative writing	3	1
AS91030	Apply measurement in solving problems	3	1
NOTE: 12927 is used to complete this qualification as well as Level 2 (1368)			
Total Credits		44	

BCATS 2

Unit Schedule	Unit Standard Title	Credit	Level
12927	Identify, select, maintain and use hand tools for BCATS projects	RPL	2
24350	Identify, select, maintain and use portable power tools for BCATS projects	6	2
24354	Demonstrate knowledge of and apply safe working practices in a BCATS project	4	2
24357	Receive instructions and communicate information in relation to BCATS projects	4	2
24358	Plan and monitor the construction of a BCATS project, and quality check the product	2	2
Compulsory		16	
12933	Complete minor concrete works as a BCATS project	4	2
12939	Erect basic garden edge retaining walls as a BCATS project	4	2
22129	Erect and maintain a basic residential fence and gate as a BCATS project	7	2
24351	Demonstrate knowledge and use specified fixed machinery in the construction of BCATS projects	6	2
Electives 19 credits required		21	
Total Credits		37	
Next Generation: YG TRADE TASTER - Combined Credit Value Total		81	

Special Notes

- Delivery of the programme will be comprised of 4 days construction skills.
- 18 and 19 year olds enrolled in fees-free youth guarantee qualifications are able to access the course-related and living costs part of STUDYLINK, if they meet the eligibility criteria.
- Transport is provided from centralised pick up points around Whanganui

Course Start: 23 July 2018	
Course Contact Days: Monday to Friday	Number Weeks Including Holidays: 27
Course Times: 9.00 – 4.00pm	Fees: FREE – Youth Guarantee Funded
Tutor: Jo Wakeling	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

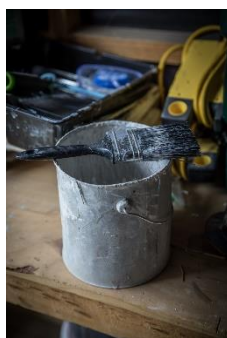
Pending NZQA Approval

Graduate Profile	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> • Handle and Use Painting Equipment and Tools • Prepare Surfaces and Apply Paint by Brush and Roller • Read and Interpret basic plans including Measurements and Calculations • Work Sustainably and Safely in the Painting and Decorating Trade • Project work <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

Code	Title	Level	Version	NZQA Credits
COMPULSORY (must complete <u>all</u> courses)				
<i>Graduate Profile 1 – Work safely and in accordance with compliance and regulatory requirements in the construction trades sector</i>				
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
<i>Graduate Profile 2 – Communicate effectively with colleagues and customers within the construction industry</i>				
NZCAT3.003	Working Effectively	3		6
27370	Work effectively and sustainably in the painting and decorating sector	3	2	6

Code	Title	Level	Version	NZQA Credits
<i>Graduate Profile 3 – Read and use specifications and drawings to complete simple construction projects</i>				
NZCAT3.004	Read and Interpret Plans	3		6
27375	Read and interpret plans and specifications in the painting and decorating sector	3	2	6
<i>Graduate Profile 4 – Perform simple calculations to complete a range of familiar tasks in the construction sector</i>				
NZCAT3.005	Measurements and Calculations	3		4
27373	Carry out measurements and calculations in the painting and decorating sector	3	2	4
<i>Graduate Profile 5 – Apply generic construction industry terminology and display role and inter-relationship knowledge while carrying out allied trades' tasks</i>				
NZCAT3.006	Decorating Terminology	3	1	5
PD17001	Demonstrate knowledge of construction, painting and decorating terminology and industry job roles	3	1	5
<i>Graduate Profile 6 – Identify and correctly use hand tools and materials to complete familiar tasks in the allied trades</i>				
NZCAT3.007	Painting and Decorating Materials	2		6
27393	Handle painting and decorating materials	2	2	6
<i>Graduate Profile 7 – Carry out assigned project work for allied trades</i>				
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: 23 July 2018 pending nzqa approval	
Course Contact Days: Monday to Friday	Number Weeks Including Holidays: 20
Tutor: Glen Blythe	Fees: \$1,500.00 incl GST
Delivery Site: 364 No.3 Line Building Site	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	





Ag Challenge Carpentry Certificate Level 4 (All Theory) 44 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>All successful graduates of the Ag Challenge Certificate in Carpentry Level 4 programme will be able to demonstrate competence, appropriate attitudes and relevant knowledge with respect to:</p> <ul style="list-style-type: none"> - Use of carpentry tools and machinery - Reading and using building plans - Applying theoretical knowledge to projects - Working competently <p><i>Qualification: Ag Challenge Ltd Carpentry Certificate Level 4 – PC9195</i></p>
Employment pathway	<p>This programme prepares graduates to be able to gain an apprenticeship on completion of the National Certificate in Carpentry Level 4, or to transition into a Construction Level 5 programme while employed in the industry.</p>

Unit Schedule	Unit Standard Title	Credit	NQF Level
12997	Demonstrate knowledge of (DKO) safe working practices on construction sites	3	3
12998	DKO Carpentry Hand Tools	4	3
12999	DKO Timber Machining Equipment	3	3
13000	DKO Portable Power Tools Used in Construction Work	4	3
13002	DKO Factors relating to Timbers	2	3
13004	DKO Setting Out a Building	3	4
13005	DKO Spot Levels and Contour Plans	3	4
13006	DKO Preparation for Footings and Slab on Ground Construction	2	4
13008	DKO Formwork for Footings, Foundations, Beams and Walls up to 1.2 Metres.	4	3
13009	DKO Fabrication and Placing of Reinforcing Steel and Steel Mesh	1	3
13010	DKO Making and Placing Concrete	3	3
13015	DKO Construction Sub-contractors' Work and Main Contractors Responsibilities.	1	3



Unit Schedule	Unit Standard Title	Credit	NQF Level
13016	DKO timber and metal scaffolds up to five metres	3	3
13017	DKO Fixing Exterior Claddings	3	4
13019	DKO the Installation of Metal and Translucent Roof Coverings and Roof Lights	2	3
13020	DKO Alternative Roof Cladding Materials and their Installation Requirements.	1	3
13023	DKO Selection and Installation of Mechanical Fixings and Building Hardware.	2	3
13024	DKO Relating to the Construction of Pole Frames and Pole Platforms	1	4
13026	Outline the Principles of Retaining Wall Design and Construction	2	3
13028	DKO Adhesives and Sealants Used in Construction Work.	2	3
13029	DKO Erecting in Situ High Wall, Column, Beam, and Slab Falsework and Formwork	3	4
13031	DKO Regulations and Precautions for Demolition Work.	1	3
13032	DKO Non-Mechanical and Mechanical Construction Equipment.	1	3
13033	DKO Alternative Building Construction Methods	1	4
13034	Outline the Requirements of Pre-finished Beam Construction	1	4
21211	DKO principles of, and methods used in weatherproofing buildings	4	3
24362	DKO working drawings and specifications for building work	3	3
24363	DKO proprietary suspended concrete floor systems	2	4
24364	DKO compliance with building legislation	3	3
24378	Perform building calculations	4	3
24379	DKO preliminary work needed for construction	2	4
24380	DKO construction of pile foundations	4	3
24381	DKO floor framing and flooring construction	3	3
24382	DKO setting out, assembling and erecting timber and steel wall frames	5	4
24383	DKO equal pitch gable, and hip, timber and steel roof construction	5	4
24384	DKO construction of alternative roof structures	4	4
24385	DKO construction principles and installation of exterior and interior joinery, showers and baths	2	3
24386	DKO thermal insulation and sound control for buildings	2	4
24388	DKO cutting, fitting and fixing interior linings and trim	5	4
24389	DKO stair and ramp construction	4	4
24391	DKO the construction of concrete masonry structures and paving	2	3
24392	DKO alterations and additions for construction	3	4

Total Credits 113

Course Starts: February 2019	
Course Contact Days: Monday-Friday	Number Weeks Including Holidays: 44
Course Times: 9am to 3pm	Fees: \$2614.26 incl GST
Tutor: Mark Pellow	Tutor: Karney Herewini
Delivery Site: 364 No.3 Line Building Site	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	



Agriculture



Farming Skills Level 2

Farming Systems Level 3

Livestock Husbandry Level 3

Pastoral Livestock Production Level 3

Livestock Production Manager Level 5

FREE!
No Fees

Next Generation: Farming Skills (Dairy) 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.

Programme Aim	To provide an entry level programme that allows people new to the agricultural sector to experience introductory skills associated with working on the land.
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) MOE Code NZ2218</i></p>
Employment pathway	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.

Unit Schedule	Unit Standard Title	Credit	NQF 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
18193	Demonstrate knowledge of farm dairy design, and the effluent system	2	2
Farm Fencing			
24834	Replace a broken post, and repair a broken wire in fences	5	2
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

Unit Schedule	Unit Standard Title	Credit	NQF Level
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
31	Connect up, and perform repairs and maintenance on an on-farm water supply system	2	2
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: 17 September 2018	
Course Contact Days: Monday - Friday	Number Weeks Including Holidays: 15
Course Times: 9am to 3pm	Fees: FREE
Tutor: Wayne Gray	Delivery Site: 312 No.3 Line and 108 Kaimatira Road, Whanganui
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	





Next Generation: Farming Systems Technology (Milking) 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) MOE Code 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 Title	Credit	NQF 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

Unit Schedule	Unit Standard Title	Credit	NQF Level
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
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: 23 July 2018	
Course Contact Days: Monday to Friday	Number Weeks Including Holidays: 24
Course Times: 9am to 3pm	Fees: \$3228.30 incl. GST
Tutor: Delma Dunham	Delivery Site: 312 No.3 Line and 108 Kaimatira Road, Whanganui
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	





Next Generation: Livestock Husbandry Technology (Dairy) Level 3 20 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"> • assist with mating and parturition • assist with the prevention, diagnosis, and treatment of livestock health problems • assist with the rearing of young stock <p>Dairy context: To achieve the New Zealand Certificate in Agriculture (Livestock Husbandry) (Level 3) (Dairy) graduates must be able to apply the skills and knowledge of livestock husbandry in a dairy context to meet the outcomes.</p> <p><i><u>Qualification:</u> New Zealand Certificate in Agriculture (Livestock Husbandry) Level 3 MOE Code NZ2214</i></p>
Employment pathway	<p>Graduates of this qualification are likely to be employed within the livestock sector as farm assistants. They may be employed full-time in a husbandry role or perform the work as part of a wider on farm role.</p>

Unit Schedule	Unit Standard Title	Credit	NQF Level
Assist with mating and parturition			
28971	Demonstrate understanding of livestock reproductive processes and practices	6	3
28973	Assist with livestock parturition	10	3
24624	DKO cattle genetics and selection	5	3
19116	Demonstrate knowledge of livestock behaviour and animal welfare	2	2
19115	Handle and move livestock	6	3



Unit Schedule	Unit Standard Title	Credit	NQF Level
Assist with the prevention, diagnosis, and treatment of livestock health problems			
19075	DKO calving and associated diseases and health	3	3
28975	Demonstrate understanding of livestock anatomy, physiology, behaviour and animal welfare obligations	6	3
28978	Demonstrate understanding of bio security relating to livestock	4	3
19103	Demonstrate knowledge of methods for promoting on-farm livestock health and health problems of livestock	8	3
28976	Recognise, and assist with treatment of, livestock health problems	10	3
Assist with the rearing of young stock			
28980	Assist with rearing of young stock from birth until first mating, sale or slaughter	10	3

Total Credits: 70

Course Starts: 23 July 2018	
Course Contact Days: Monday - Friday	Number Weeks Including Holidays: 22
Course Times: 9am to 3pm	Fees: \$2659.14 incl. GST
Includes the Equivalent of 6 Weeks Work Experience (Mondays)	
Tutor: Delma Dunham	Delivery Site: 312 No.3 Line and 108 Kaimatira Road, Whanganui
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	





Next Generation: Pastoral Livestock Production Technology Level 3

19 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	Graduates of the qualification will be able to: <ul style="list-style-type: none"> assist with the management of feed supply and demand to meet livestock production targets <p style="color: red;"><i>Qualification: New Zealand Certificate in Agriculture (Pastoral Livestock Production) Level 3 MOE Code NZ2217</i></p>
Employment pathway	Graduates of this qualification are likely to be employed at a junior level within the livestock sector as farm assistants or shepherds. They may be employed full-time in a production role or perform the work as part of a wider on-farm role.

Unit	Unit Standard Title	Credit	NQF Level
Feed Budgeting			
28920	Demonstrate understanding of factors which contribute to pastoral livestock feed demand	5	3
Soil Management			
28921	Demonstrate understanding of soil management to increase production in a primary industry workplace	12	3
Pasture Management			
28922	Demonstrate understanding of pasture management in a pastoral livestock workplace	12	3
Feeding Livestock and Grazing Management			
28923	Assist with feeding pastoral livestock to meet production targets	8	3
28924	Assist with supplying water to livestock in a pastoral livestock workplace	5	3

Total Credits: 42

Fulltime option

Course Start: 23 July 2018	
Course Contact Days: Monday - Friday	Number Weeks Including Holidays: 19
Course Times: 9am to 3pm	Fees: \$1519.80 incl. GST
Includes the Equivalent of 6 Hours of Work Experience per week (one of the contact days)	

Part-time Option

Course Start: TBC	
Course Contact Days: TBC	Number Weeks Including Holidays: 37
Course Times: TBC	Fees: On application

ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz

Next Generation: Livestock Production Management Level 5

40 weeks – Part-time



Pending NZQA approval

Graduate profile	<p>Graduates of the qualification will be able to:</p> <ul style="list-style-type: none"> identify high performance in a primary industry production system, analyse and benchmark against a specific production system, and recommend strategies for improvement. <p>Graduates of the Livestock Production strand will also be able to:</p> <ul style="list-style-type: none"> develop, implement and monitor cohesive feeding, breeding, and animal health plans to achieve production goals. <p><i>Qualification: New Zealand Certificate in Primary Industry Production Management (Level 5) with strands in Livestock Production and Crop Production MOE Code NZ2211</i></p>
Employment pathway	Graduates of this qualification would be appropriately employed in production management positions in primary industry businesses and may be supervising others.

Unit Schedule	Unit Standard Title	Credit	NQF Level
28808	Identify agribusiness production system high performance, benchmark, analyse and recommend strategies for improvement	20	5
21393	Develop, implement, monitor and adjust a feed budget to meet agribusiness production targets	14	5
28810	Develop, implement and monitor a livestock health plan to meet agribusiness performance targets	14	5
28809	Develop, implement and monitor a livestock breeding plan to meet agribusiness performance targets	14	5
21396	Plan for the recruitment, selection, and induction of staff in an agribusiness	8	5

Total Credits: 70

Course Start Dates: 16 July 2018 pending approval	
Course Contact Days: 2 days a week	Number Weeks Including Holidays: 20
Course Times: TBA	Approx Fees: \$2659.14 incl GST
Requirement that people enrolling are employed on a commercial production unit as a manager.	
Tutor: TBC	Tutor: TBC
Delivery Site: TBC	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	

Animal Care & Technology



Animal Care Technology Level 3

- Horses or Lifestyle Block or Companion Animal

Rural Animal Technician Level 5

Veterinary Nursing Assistant Level 5



Next Generation: Animal Care Technology (Horses or Lifestyle Block 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) MOE Code 2487</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.</p> <p>This may include people working as assistants in pet stores, animal rescue centres, 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 LIFESTYLE BLOCK ANIMALS or COMPANION ANIMALS

EQUINE STRAND

Unit Schedule	Unit Standard Title	Credit	NQF Level
Comply with all Regulatory requirements and relevant industry codes of practice for animal care			
5189	Follow safe working practices and standards in the animal facility	4	3
21381	Demonstrate knowledge of ethical behaviour in relation to animals	3	2
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	Demonstrate and apply knowledge relating to animal facility environmental hygiene	5	3
572	Demonstrate knowledge of electric fencing components and systems	5	3
Unit Schedule	Unit Standard Title	Credit	NQF Level
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

Unit Schedule	Unit Standard Title	Credit	NQF Level
6622	Analyse horse feed and stable horses	4	3
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

LIFESTYLE BLOCK ANIMALS STRAND

Unit Schedule	Unit Standard Title	Credit	NQF Level
Comply with all Regulatory requirements and relevant industry codes of practice for animal care			
5189	Follow safe working practices and standards in the animal facility	4	3
21381	Demonstrate knowledge of ethical behaviour in relation to animals	3	2
Respond to normal and abnormal health and behaviour in animals			
28975	Demonstrate understanding of livestock anatomy, physiology, behaviour and animal welfare obligations	6	3
AC16001	Demonstrate knowledge and understanding of basic emergency first aid of animals	8	3
Assist with day to day care of animals			
19540	Demonstrate knowledge of basic animal husbandry	5	3
24557	Demonstrate knowledge of the safe operation of a quad bike	3	2
19894	Demonstrate knowledge of zoonoses and their control	3	3
24833	Describe non-electric fences, fence support materials, and safe practices in fencing	3	2
28924	Assist with supplying water to livestock in a pastoral livestock workplace	5	3
572	Demonstrate knowledge of electric fencing components and systems	5	3
5153	Monitor health and provide husbandry for ruminants- cattle, sheep, goats, and deer.	5	2
19114	Assist with handling and treatment of livestock	6	2
21380	Demonstrate and apply knowledge relating to animal facility environmental hygiene	5	3
5184	Handle and Transport Injured Large Animals	2	3

Unit Schedule	Unit Standard Title	Credit	NQF Level
Choose 2 units			
5152	Monitor health and provide husbandry for horses	5	2
5154	Monitor health and provide husbandry for pigs	4	2
21360	Monitor health and provide husbandry for poultry chickens, ducks, geese, and turkeys.	4	2

Total Credits: 71-72

COMPANION ANIMALS STRAND

Unit Schedule	Unit Standard Title	Credit	NQF Level
Comply with all Regulatory requirements and relevant industry codes of practice for animal care			
5189	Follow safe working practices and standards in the animal facility	4	3
21381	Demonstrate knowledge of ethical behaviour in relation to animals	3	2
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	Demonstrate knowledge of zoonoses and their control	3	3
18	Demonstrate knowledge of animal anatomy and physiology	4	3
5180	Demonstrate knowledge of the anatomy and physiology of animals	10	2
21380	Demonstrate and apply knowledge relating to animal facility environmental hygiene	5	3
21379	Demonstrate knowledge of requirements relating to transport of cats and dogs	2	2
7337	Monitor health and provide husbandry for dogs	5	2
5148	Monitor health and provide husbandry for cats	5	2



Unit Schedule	Unit Standard Title	Credit	NQF Level
Choose 1 unit			
5151	Monitor health and provide husbandry for caged birds	3	2
5149	Monitor health and provide husbandry for rodents and rabbits	4	2

Total Credits: 71-72

Course Starts: 2 July 2018	
Course Contact Days: 5 days	Number Weeks Including Holidays: 22
Tutor: Marieke Waghorn	Fees incl GST: Equine \$3,388 Companion Animals \$3,364 Lifestyle Block Animals \$3,413.90
Delivery Site: 358 No 3. Line, Whanganui	
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, MOE Code 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	<p>Graduates of this qualification may be employed as veterinary nursing assistants or rural animal technicians working with companion or rural animals.</p>

Course Code	Unit Number	Course Title	Credits	Level	Version
COMPULSORY (must complete <u>all</u> courses)					
U5191	5191	Admit and discharge animal patients	4	3/5	4
U5195	5195	Demonstrate knowledge and skills for providing veterinary reception services	6	3/5	5
U5179	5179	Conduct preliminary clinical examination of an animal	3	4	4
U21384	21384	Demonstrate and apply knowledge of professional behaviour for veterinary nurses	3	3	2
AVN16001	AVN16001	Apply Knowledge of Animal Anatomy and Physiology to duties of an assistant veterinary Nurse	10	4	1
U14377	14377	Recognise normal and abnormal behaviour and conditions in animals	5	4	3

Course Code	Unit Number	Course Title	Credits	Level	Version
U21358	21358	Demonstrate knowledge of parasites affecting horses and production animals	8	4	2
U19894	19894	Demonstrate knowledge of zoonoses and their control	3	3	2
U5166	5166	Asset with partition and after care of farm animals, and respond to client requests for advice	4	4	4
U9692	9692	Deliver an oral presentation to an audience	4	5	7
U5186	5186	Supervise monogastric animal feeding, and respond to client requests for advice	8	5	4
U5187	5187	Supervise ruminant feeding, and respond to client requests for advice	6	5	4
U5184	5184	Handle and transport injured large animals	2	3	4
U8621	8621	Maintain the health of deer	6	5	4
U21393	21393	Develop, implement, monitor and adjust a feed budget to meet agribusiness production targets	14	5	2
RAT17002	Module	Technical Tasks	12	5	1
U23795	23795	Demonstrate knowledge of mastitis management in dairy cows using SAMM plan	6	3	1
U5189	5189	Follow safe working practices and standards in the animal facility	4	3	5
RAT17001	Module	Apply knowledge of pharmacology and current laws to dispense and administer animal remedies	6	5	1
U21355	21355	Collect and test diagnostic samples from large animal, and prepare the sample for dispatch	5	3/5	2
U5172	5172	Collect and carry out routine examinations on faecal samples from animals	5	5	6
Total credits					124

Course Starts: February 2019 – Application for enrolment closes 28 September 2018	
Course Contact Days: Monday - Friday	Number Weeks Including Holidays: 40
Course Times: 9.00am to 3.30pm	Fees: \$6341.34 incl. GST
Tutor: Clare Morton	Tutor: Marieke Waghorn
Delivery Site: 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 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.

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 MOE Code NZ2490</i></p>
Employment pathway	<p>Graduates of this qualification may be employed as veterinary nursing assistants working with companion or rural animals.</p>

Unit Schedule	Unit Standard Title	Credit	NQF 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.	9	4
5189	Follow safe working practices and standards in the animal facility	4	3
21380	Demonstrate and apply knowledge relating to animal facility environmental hygiene	5	3
5192	Dispense animal drugs as directed by the veterinarian	3	3
19894	Demonstrate knowledge of zoonoses and their control	3	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

Unit Schedule	Unit Standard Title	Credit	NQF Level
5165	Describe parturition and after care of companion animals	3	3
5206	Nurse geriatric animals	4	5
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: 120

Course Starts: February 2019 - Application for enrolment closes 28 September 2018	
Course Contact Days: Monday - Friday	Number Weeks Including Holidays: 40
Course Times: 9.00am – 3.30pm	Course costs: \$6341.34 incl. GST
Tutor: Clare Morton	Tutor: Marieke Waghorn
Delivery Site: Wanganui Vet Services Clinic, 35 Somme Parade, Whanganui	
ENROLMENT ENQUIRIES 0800 348 8215	



SECONDARY SCHOOL PROVISIONS

Ag Challenge maintains a strong relationship with Whanganui's 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.

Since 2010 Ag Challenge have been working with forty-five schools nationally as well as the nine local Wanganui/Rangitikei schools through STAR and GATEWAY provision.

In 2015 Ag Challenge became involved with the development of Secondary Tertiary Partnership STP programmes and in 2017 we delivered the Dual Pathway Pilot DPP programme. Both of these programmes allow students to stay at school as well as undertaking funded tertiary study working on unit standards that eventually lead toward a full qualification.

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

Secondary Tertiary Partnership (STP)

Funding through the Secondary Tertiary Partnership supports Ag Challenge to work with secondary schools in providing innovative pathways to successfully prepare and transition students from secondary education to tertiary education.

The student is able to focus on achieving a nationally recognised qualification whilst still enrolled at secondary school. They are enrolled with Ag Challenge in a part time programme of study, and attend onsite 1 or 2 days per week. The remaining 3 or 4 days is undertaken in school.

The STP programme is for year 11 through 13 secondary school students who:

- ✓ wish to study toward a tertiary qualification and
- ✓ would benefit from enrolment in an industry-focused qualification, and
- ✓ are focused on a vocational pathway into industry.

Dual Pathway Pilot – DPP

Funding through the Dual Pathways Pilot supports Ag Challenge to work with secondary schools in providing innovative pathways to successfully prepare and transition students from secondary education to tertiary education or employment.

Students are enrolled by Ag Challenge in a part time programme of study, and attend onsite 1 or 2 days per week. The remaining 3 or 4 days is undertaken in school.

The Dual Pathways Pilot is for year 12 and 13 secondary school students who:

- ✓ Are 16 or over and wish to study up to .3500eft or 42 credits toward a tertiary qualification
- ✓ would benefit from enrolment in an industry-focused qualification, and
- ✓ are not planning to enter university or continue their secondary school education.

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 available to everyone and enables students to learn at their own pace and in their own environment. It's a user pays correspondence programme that can be accessed by schools or individuals who want to upskill.

Gateway is for students at school working towards NCEA Level 2 and 3. It's also for individuals who are wanting to acquire knowledge in specific areas.

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: Sandra Osman
Phone: 0800 348 8215 or 06 281 3141
Email: gateway@agchallenge.co.nz



EMPLOYER and COMMUNITY CONNECTIONS

JOB'S – Job Opportunity Brokering Support Programme

The JOB'S 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 Sue or Henry today to set up an appointment or contact your WINZ case manager

JOB'S Administrator: Sue Jermy

Phone: 06 281 3145 or 0274 414 928

Email: jobs@agchallenge.co.nz

JOB'S Tutor and Field Officer: Henry Chase

Phone: 027 698 2829



Ag Challenge

NZQA ACCREDITED PRIVATE TRAINING ESTABLISHMENT

Talk to us for more details; we would love to hear from you!

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

Email: info@agchallenge.co.nz

Web: <http://agchallenge.co.nz/>

Facebook: Ag Challenge

Post: PO Box 674, Whanganui 4540

Visit: 312 No.3 Line, Whanganui 4582

“Challenge your future”

