

# Trades Academy Dual Enrolment 2023 Programmes



## Programmes for Schools

The Land Based Trade Academy is a partnership between contributing secondary schools, their students and National Trade Academy.

The Vocational Pathway programmes are aimed at secondary school students who are interested in studying and working in any of the following industries:

**Agriculture and Land-  
Based Sustainability**

**Horticulture**

**Transport, Logistics & Civil  
Infrastructure**

**Apiculture**

**Equine Studies**

**Welding + Light  
Engineering**

**Digital Technology**

**Animal Care**

**Early Childhood Education**

**Automotive Studies**

*The programmes are practical based with some theory.  
Literacy and numeracy units are embedded into the programme.  
Students will work towards achieving NCEA Level 1 or 2.*

## **Land Based Trades Academy**

### **Background information:**

National Trade Academy has been providing Primary Industry training since 2000 and has been delivering Trades Academy programmes since 2012. We have a purpose-built training centre based out at McLeans Island, 1.6km past Orana Park and 10 minutes from central Christchurch, with a bus service to our 70-hectare training centre. NTA is committed to meeting the education and training needs of our students. Essential to this is the provision of a safe supportive learning environment both in the classroom and in the practical environment.

### **What do we provide?**

Trades Academy programmes are funded by the Ministry of Education and are free to all secondary school students.

NTA provides:

- all teaching resources, transport and equipment required to deliver the programme
- transport costs for each student e.g. metro card or fuel payments
- clothing - a polo shirt and work boots for each student

Our Level 2 programmes are aimed at those students that are working towards NCEA Level 1 & 2.

Our Level 3 programmes are aimed at Year 12 and 13 students who may have achieved NCEA Level 2 and are looking at relevant next steps into employment or further education. The students would benefit from enrolment in a primary industry-focused qualification as a pathway to further study in the industry or employment.

If you are interested in enrolling in a Trades Academy Programme, talk to your secondary school contact or contact National Trade Academy or any one of our partners.

Applications taken throughout the year.

### **Contact Details:**

NTA TRADE ACADEMY	AVON CITY FORD TRAINING SERVICES	VISION COLLEGE
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# AGRICULTURE PROGRAMMES

## STUDENT TESTIMONIALS

*"I have loved meeting new people and learning new tasks that I would never have learned if I didn't enrol at NTA"*

*"I loved learning how to ride the ATVs and motorbikes and how to maintain cows and other farm animals"*

Qualification: NZ2218		New Zealand Certificate in Primary Industry Skills (Agriculture) Level 2			
Duration		Part time – One – Two Years*			
Dates		9 <sup>th</sup> February – 10 <sup>th</sup> November 2023			
Days		Thursday and Friday			
Time		9am – 4pm			
Credits		40 plus 20 credits literacy and numeracy if required			
Applications taken throughout the year (where places are available)					
Content and Pathway to further study					
This qualification covers the skills and knowledge associated with hazard identification and control in a rural workplace and skills relevant to working in the general agriculture industry such as the use of agricultural vehicles, fencing, personal and workplace safety and agrichemicals as well as cattle farming, dairy farming and sheep farming.					
Students choose electives associated to the area of farming they are interested in.					
Pathways: New Zealand Certificate in Agriculture (Level 3) (References 2214, 2215, 2216, 2217, 2220, 2624)					
AGRICULTURE UNIT STANDARD		Version	NZQF Credits		
Unit	Title		Level 1	Level 2	Level 3
	Health and Safety (Mandatory 10 credits)				
31656	Demonstrate knowledge of safe work practices in a primary industry operation	1		10	
	Practical Tasks (a total of 40 credits are made by selecting units from practical tasks elective)				
19106	Assist with handling livestock when moving and drafting, and when livestock are distressed	3		4	
19112	Check and report on livestock	3		4	
21556	Control weeds under supervision	3		2	
24630	Assist with livestock grazing management, and feed livestock under direct supervision	4		4	
24832	Open and draw out a coil of wire, tie knots, join wire, and prepare wire for transport and storage	2		5	
24833	Identify and maintain fencing tools and equipment, and identify fencing construction materials and wire types	2		3	
27213	Identify and interpret agrichemical product information, and describe safety procedures when working with agrichemicals	2		5	
26417	Assist with handling cattle in yards	3		2	
	Safe Work Practice (Mandatory 9 credits from safe work practice elective)				
19044	Demonstrate knowledge of the legal requirements and hazards associated with tractor use	4		3	
19053	Operate a motorcycle on flat terrain in the workplace under close supervision	4		3	
24555	Demonstrate knowledge of the safe operation of a motorcycle	3		3	
24554	Operate a quad bike on flat terrain in the workplace under close supervision	3		4	
24557	Demonstrate knowledge of the safe operation of a quad bike	4		3	

*See next page for electives*

**NZ2218 ELECTIVE STRANDS TO CHOOSE FROM:**

<b>Dairy Strand</b>				
<b>ID</b>	<b>Title</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>
<b>18191</b>	Describe safe handling and health problems of dairy cattle associated with milking	4	2	3
<b>18193</b>	Describe farm dairy design and the farm dairy effluent system	4	2	2
<b>24548</b>	Assist with milking	2	2	8
<b>23785</b>	Describe factors that affect milk quality, milk testing, milk cooling, and interpret milk tanker information	2	2	8
<b>19081</b>	Describe annual feed supply and demand, methods to manage feed surpluses and deficits, and perform calculations	3	2	2
<b>561</b>	Install, dismantle, and store temporary electric fences	5	2	2

<b>Sheep Strand</b>				
<b>30211</b>	Dag and ring crutch sheep with prepared equipment	1	2	5
<b>19146</b>	Carry out wool shed tasks during shearing operations	3	2	5
<b>19147</b>	Describe the activities and identify the hazards in a wool shed during shearing from a farm perspective	3	2	2
<b>24641</b>	Demonstrate knowledge of features, attributes, identification, and records for sheep	1	2	2

<b>Cattle Strand</b>				
<b>10082</b>	Demonstrate knowledge of rearing weaner or replacement cattle	3	3	4
<b>24623</b>	Demonstrate knowledge of breeds and classes of cattle, and identification and records for cattle	2	2	2
<b>26417</b>	Assist with handling cattle in yards	3	2	2
<b>24835</b>	Identify the location of a fault in electric fences, and replace electric fence components	2	2	3

<b>LITERACY AND NUMERACY UNIT STANDARDS</b>		<b>Version Number</b>	<b>NZQF Credits Level 1</b>
<b>26622</b>	Write to communicate ideas for a purpose and audience	5	4
<b>26624</b>	Read texts with understanding	6	3
<b>26625</b>	Actively participate in spoken interactions	7	3
<b>26623</b>	Use number to solve problems	5	4
<b>26626</b>	Interpret statistical information for a purpose	5	3
<b>26627</b>	Use measurement to solve problems	5	3
<b>Total credits</b>			<b>20</b>

\*Programme duration dependent on individual ability and literacy and numeracy requirements

# APICULTURE PROGRAMME



# Apiculture

Duration	Part Time – One Year
Dates	9 <sup>th</sup> February – 10 <sup>th</sup> November 2023
Days	Thursday and Friday
Time	9am – 4pm
Credits	39 credits

Applications taken throughout the year  
(where places are available)

## Content and Pathway to further study

The purpose of this programme is to provide the apiculture industry with individuals who have the skills and knowledge to work safely and effectively. This programme will provide fundamental skills and knowledge to gain further apiculture qualifications – NZ2223: New Zealand Certificate in Apiculture Level 3.

APICULTURE UNIT STANDARD		Version	NZQF Credits	
Number	Title	Number	Level 2	Level 3
31656	Demonstrate knowledge of safe work practices in a primary industry operation	1	10	
30791	Demonstrate understanding of honey bee physical features, castes, bee stings and beehive health	1	5	
30783	Open and close beehives under close supervision	1	5	
30788	Demonstrate knowledge of plants that provide feed for bees and harvest declarations	2		4
30790	Assess beehive health, monitor beehive feed requirements, and feed bees	2		6
30798	Demonstrate knowledge of bees, the bee life cycle and adult bee behaviour patterns	2		4
30843	Identify and describe beehive construction equipment, and construct and repair beehives	2		5
Total credits (Level 2 and 3 combined)			39	

## STUDENT TESTIMONIALS

*“I began attending the bee course after purchasing hives of my own and thus took an interest in beekeeping. I found great value in the course.*

*It has been greatly enjoyable so far and has taught me a lot especially with help from our more than capable tutor, Vyvyan, who goes above and beyond for us to find something for us to learn each week”*

*“I have learnt all aspects of beekeeping and fascinating skills that I will retain and use for the future. I can incorporate these skills in future revenue, with opportunities for a job, business or teaching and travel. I am also supporting bees which are on the decline around the world. Beekeeping is a rare skill with a drop in the number of beekeepers around the world, which will lead to a higher demand of people with these skills.”*

# ARION



# FARM

EDUCATION PARK

# ANIMAL CARE PROGRAMMES

The Animal Care Level 2 course is a mixture of theory and practical elements involving hands-on work at our on-site farm park. Practical units are normally taught at the beginning and end of each year with the theory only topics in the middle of the year when the weather is wetter and colder.

The course covers a range of animals including rabbits, guinea pigs and dogs, to poultry, sheep, cattle and many more. The course will give students an introduction to the animal care industry and allow them to progress onto the Animal Care Level 3 course.



## Vocational Pathway (NCEA Level 2) in Animal Care

Duration	Part Time – One to Two Years*
Dates	9 <sup>th</sup> February – 10 <sup>th</sup> November 2023
Days	Thursday and Friday
Time	9am – 4pm
Credits	58 credits plus 20 credits literacy and numeracy if required

Applications taken throughout the year  
(where places are available)

### Pathways to further study

This programme progresses onto the New Zealand Certificate in Animal Care (Level 3) (ref 2487), New Zealand Certificate in Animal Management (Level 4) with strands in Canine Behaviour and Training Captive Wild Animals and Companion Animals.

ANIMAL CARE UNIT STANDARD		Version Number	NZQF Credits	
Number	Title		Level 2	Level 3
<b>12383</b>	Explore career options and their implications	8	3	
<b>19112</b>	Check and report on livestock	3	4	
<b>19152</b>	Assist with the preparation and handling of lambs for docking	3	2	
<b>20797</b>	Describe farm practices and farm animal behaviour	3	3	
<b>21382</b>	Demonstrate knowledge of health and behaviour, and provide husbandry for ornamental fish	3	2	
<b>5152</b>	Monitor health, provide husbandry for, and handle horses	8	5	
<b>1277</b>	Communicate information in a specified workplace	8	3	
<b>1648</b>	Clean a stable	6	4	
<b>1656</b>	Groom a horse	6	3	
<b>19116</b>	Demonstrate knowledge of livestock behaviour and welfare in a primary industry operation	4	3	
<b>24623</b>	Describe breeds and classes of cattle, and identification and records for cattle	3	2	
<b>24641</b>	Describe the features, attributes, identification, and records for sheep	2	2	
<b>31502</b>	Describe dog feeding, health, and housing, and carry out routine health procedures	3		5
<b>5149</b>	Monitor health and provide husbandry for rabbits and rodents	9		6
<b>5151</b>	Monitor health, provide husbandry for, handle, and transport caged birds	8	3	
<b>5180</b>	Describe companion animal anatomy, cells, body tissues and systems	7		6
<b>7337</b>	Identify, handle, transport, and care for dogs	8		4
<b>Total credits (Level 2 and 3 combined)</b>			<b>60</b>	

<b>LITERACY AND NUMERACY UNIT STANDARDS</b>		<b>Version Number</b>	<b>NZQF Credits Level 1</b>
<b>26622</b>	Write to communicate ideas for a purpose and audience	5	4
<b>26624</b>	Read texts with understanding	6	3
<b>26625</b>	Actively participate in spoken interactions	7	3
<b>26623</b>	Use number to solve problems	5	4
<b>26626</b>	Interpret statistical information for a purpose	5	3
<b>26627</b>	Use measurement to solve problems	5	3
<b>Total credits</b>			<b>20</b>

\*Programme duration dependent on individual ability and literacy and numeracy requirements.



The New Zealand Certificate in Animal Care Level 3 is an exciting Animal Care course which covers a variety of practical and theory.

We are lucky to have the Arion Farm Park on site, of which we can utilize for our Animal Husbandry skills.

The course covers companion animals and legislative units within the animal care field, from Dogs to Animal Welfare. Students who complete this Certificate have gone on to work in pet shops, catteries, kennels and vet clinics. After completing this qualification there is the option of further studies, be it the Diploma in Veterinary Nursing or New Zealand Certificate in Rural Animal Technology.

### **STUDENT TESTIMONIALS**

*"I love having the interaction with all the different animals at the farm park. There is sometimes a dog in the class to have cuddles with too, which is a bonus! I also love the fact that we get hands-on experience at the farm park"*



Qualification: 2487		New Zealand Certificate in Animal Care Level 3			
Duration		Part Time – One to Two Years			
Dates		9 <sup>th</sup> February – 10 <sup>th</sup> November 2023			
Days		Thursday and Friday			
Time		9am – 4pm			
Credits		70 credits			
Applications taken throughout the year (where places are available)					
Pathways to further study					
New Zealand Certificate in Animal Management (Level 4) with strands in Canine Behaviour and Training Captive Wild Animals and Companion Animals.					
New Zealand Certificate in Animal Technology (Level 5) with strands in Rural Animal Technician and Veterinary Nursing Assistant (ref 2490)					
ANIMAL CARE UNIT STANDARD		Version Number	NZQF Credits		
Number	Title		Level 2	Level 3	Level 4
	Health and Safety, Interpersonal Relationships and Ethical Animal Behaviour				
5189	Apply health and safety and hazard control when working in an animal facility	7		4	
MODULE AC1	Interpersonal relationships, and ethical animal care	1		3	
	The Animal Welfare Act 1999 and Animal Facility Hygienic Practices				
21380	Describe animal facility environmental hygiene and carry out hygienic practices	4		5	
31504	Describe and apply the Animal Welfare Act 1999 to a work role in an animal facility	2		3	
	Companion Animal Health and Behaviour, and Emergency Care				
31500	Describe emergency care of injured animal patients	2		5	
31503	Carry out companion animal examination, and record and report variations to normal health and behaviour	2		4	
MODULE AC2	Respond to abnormal health and behaviour of companion animals	1		5	
	Companion Animal Anatomy, and Zoonoses				
5180	Describe companion animal anatomy, cells, body tissues and systems	7		6	
19894	Describe zoonoses, notifiable exotic zoonoses, and their control, in New Zealand	4		5	



Number	Title	Version Number	Level 2	Level 3	Level 4
	<b>Care for Dogs</b>				
<b>7337</b>	Identify, handle, transport, and care for dogs	8		4	
<b>31502</b>	Describe dog feeding, health, and housing, and carry out routine health procedures	2		5	
	<b>Care for Cats</b>				
<b>5148</b>	Identify, handle, transport, and care for cats	9		4	
<b>31501</b>	Describe cat feeding, health, and housing, and carry out routine health procedures	2		5	
	<b>Care for Caged Birds</b>				
<b>5151</b>	Monitor health, provide husbandry for, handle, and transport caged birds	8	3		
<b>32801</b>	Describe bird feeding, health, housing, and routine health procedures	1		3	
	<b>Care for Rabbits and Rodents</b>				
<b>32804</b>	Monitor health, provide husbandry for, handle, and transport rodents	1		3	
<b>32805</b>	Monitor health, provide husbandry for, handle, and transport rabbits	1		3	
<b>Total credits (Level 2 and 3 combined)</b>			<b>70</b>		

**NOTE: Some units are subject to change in 2023**



# **HORTICULTURE PROGRAMMES**



Land-based industries offer hands-on practical training which reinforces the theory components of the course on offer. It also provides graduates with practical and theoretical knowledge of plants, nursery production, growing systems and environments.

Horticulture introduces students to the four main divisions of horticulture: fruits, vegetables, flowers and the Landscape and Nursery industry. This clearly shows horticulture has two main goals – to provide food, and to impact the environment.

### **STUDENT TESTIMONIALS**

*“I liked that the theory exercises had a practical activity to back them up so you can use the information in real life. I also liked that the course taught you how to use a hedge trimmer, lawnmower, and other things as they’re useful skills to have”*

*“It was a good course. Well taught, learnt heaps, a good mix between book work and practical work, fun and a genuinely positive place to be”*





## Vocational Pathway (NCEA Level 2) Horticulture

Duration	Part Time – One to Two years
Dates	9 <sup>th</sup> February – 10 <sup>th</sup> November 2023
Days	Thursday and Friday
Time	9am – 4pm
Credits	58 plus 20 credits literacy and numeracy if required
Applications taken throughout the year (where places are available)	

### Content and Pathway to further study

The focus of this course is on safe work practices in a horticulture environment and skills relevant to working in various sectors of the horticulture industry. Skills such as servicing small engines, maintaining property structures, plant identification, handling agrichemicals, propagation, and planting shrubs and trees in a landscaping environment.

Pathways: New Zealand Certificate in Horticulture General (Level 3) (Ref. 2677)  
 New Zealand Certificate in Horticulture (Level 3) with strands in Landscape construction and Nursery Production (Ref: 2678)  
 New Zealand Certificate in Horticulture Production (Level 4) (Ref: 2676)

HORTICULTURE UNIT STANDARD		Version Number	NZQF Credits		
Number	Title		Level 1	Level 2	Level 3
	<b>Production Horticulture</b>				
<b>4</b>	Maintain hand tools and service small engines used in a primary industry operation	6		5	
<b>829</b>	Demonstrate knowledge of plant nomenclature	5		5	
<b>2803</b>	Maintain a documented work record for a primary industry operation	5		5	
<b>29499</b>	Identify a range of plants by botanical and common name, and their basic features	2		2	
<b>22174</b>	Demonstrate knowledge of soils and fertilisers	2		5	
<b>29513</b>	Train and hand prune young vines	2		5	
<b>29829</b>	Demonstrate knowledge of plant structure, functions and processes	2			5
<b>22191</b>	Demonstrate knowledge of factors which influence plant growth	2		5	
<b>23781</b>	Grow and pot up plants from stem cuttings	2		5	
	<b>Nursery Production</b>				
<b>27707</b>	Describe plant propagation by budding, grafting, tissue culture and layering	2		5	
<b>27708</b>	Describe sexual and asexual plant propagation and propagation methods	2		6	
	<b>Arboriculture</b>				
<b>2765</b>	Plant trees or shrubs	7		5	
				<b>53</b>	<b>5</b>
<b>Total Credits (Level 2 and 3 combined)</b>			<b>58</b>		
<b>LITERACY AND NUMERACY UNIT STANDARDS</b>		<b>Version Number</b>	<b>NZQF Credits Level 1</b>		
Write to communicate ideas for a purpose and audience		5	4		
Read texts with understanding		6	3		
Actively participate in spoken interactions		7	3		
Use number to solve problems		5	4		
Interpret statistical information for a purpose		5	3		
Use measurement to solve problems		5	3		
<b>Total credits</b>			<b>20</b>		

**NOTE: Some units are subject to change in 2023**

\*Programme duration dependent on individual ability and literacy and numeracy requirements.



		Horticulture Level 3		
Duration		Part Time – One Year		
Dates		9 <sup>th</sup> February – 10 <sup>th</sup> November 2023		
Days		Thursday and Friday		
Time		9am – 4pm		
Credits		37 credits		
Applications taken throughout the year (where places are available)				
Content and Pathway to further study				
The focus of this course is on knowledge of plant and soil science, and growing systems and environments, and practical capability in the nursery production and landscape construction sectors.				
Pathways:       New Zealand Certificate in Horticulture (Level 3) with strands in Landscape construction and Nursery Production (Ref: 2678) New Zealand Certificate in Horticulture Production (Level 4) (Ref: 2676) New Zealand Certificate in Horticulture (General) (Level 3) (Ref: 2677)				
HORTICULTURE UNIT STANDARD		Version Number	NZQF Credits	
Number	Title		Level 3	Level 4
	<b>Nursery Production Systems</b>			
<b>29888</b>	Demonstrate understanding of nursery production	2		8
	<b>Plant Processes and lifecycles, and plant pests, disease and disorders</b>			
<b>29829</b>	Demonstrate knowledge of plant structure, functions and processes	2	5	
<b>27208</b>	Identify and describe plant pests, diseases, and disorders, and methods of prevention and control	3	8	
	<b>Propagate plants by cuttings</b>			
<b>29843</b>	Select and prepare cutting material, and harden off rooted cuttings	2	3	
	<b>Grow nursery crops and plants in landscape work</b>			
<b>20560</b>	Grow nursery crops in containers	3	10	
<b>31074</b>	Select and plant plants, and apply mulches, in landscape work	2	3	
			<b>29</b>	<b>8</b>
Total credits (Level 3 and 4 combined)			<b>37</b>	

**NOTE: Some units are subject to change in 2023**

# EQUINE PROGRAMMES

## STUDENT TESTIMONIALS

*"The course is so much fun! Everybody gets to know each other and works as a team which brings everyone together on the course."*

*"The tutor is really supportive and knowledgeable. This makes the course really fun and the classroom/stable yards are a positive environment to be in. There is a good balance between theory and practical and you're able to apply the theory work to real-life situation"*

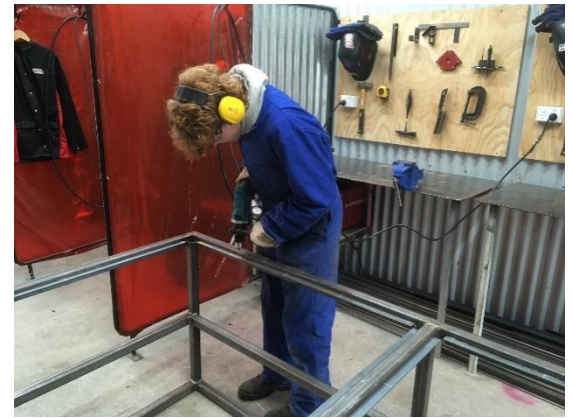
Qualification: NZ2375		New Zealand Certificate in Equine Level 2			
Duration		Part Time – One to Two Years			
Dates		9 <sup>th</sup> February – 10 <sup>th</sup> November 2023			
Days		Thursday and Friday			
Time		9am – 4pm			
Credits		50 plus 20 credits literacy and numeracy if required			
Applications taken throughout the year (where places are available)					
Pathway to further study					
The purpose of this programme is to provide individuals with the skills and knowledge to enable them to seek employment as stable hands or stud assistants in a sector of the equine industry.					
EQUINE UNIT STANDARD		Version Number	NZQF Credits		
Number	Title		Level 1	Level 2	Level 3 +
	Employment Skills				
23973	Perform safe work practices with an outside contractor in an equine industry	2		3	
29165	Apply skills for employment in an equine industry workplace	2		5	
	Care for Paddocked Horses				
29168	Care for a group of horses in a paddock, maintain paddocks, and install and dismantle temporary electric fences	2		10	
	Horse health, and clipping				
6623	Demonstrate horse clipping technique	6		3	
14594	Identify the external anatomy, and identify and report signs of good health, ill health and emergencies involving horses	5		4	
	Maintain equine facilities				
29171	Carry out routine, minor or temporary maintenance of equine facilities	2		5	
1648	Clean a stable	6		4	
	Saddlery care and horse travel				
6579	Clean and maintain saddlery for horses	5		2	
29167	Prepare horses for travel, and load and unload	2		4	
	Lunge a horse for exercise				
1660	Identify, catch, and prepare a horse for exercise	6		5	
19945	Lunge a horse for exercise	3		5	
Total credits			50		

LITERACY AND NUMERACY UNIT STANDARDS		Version Number	NZQF Credits Level 1
<b>26622</b>	Write to communicate ideas for a purpose and audience	5	4
<b>26624</b>	Read texts with understanding	6	3
<b>26625</b>	Actively participate in spoken interactions	7	3
<b>26623</b>	Use number to solve problems	5	4
<b>26626</b>	Interpret statistical information for a purpose	5	3
<b>26627</b>	Use measurement to solve problems	5	3
<b>Total credits</b>			<b>20</b>

Qualification: NZ2376		New Zealand Certificate Equine Level 3 - Sporthorse Stable Assistant Strand			
Duration		Part Time – One Year			
Dates		9 <sup>th</sup> February – 10 <sup>th</sup> November 2023			
Days		Thursday and Friday			
Time		9am – 4pm			
Credits		50 credits			
Applications taken throughout the year (where places are available)					
Pathway to further study					
The purpose of this qualification is to provide the equine industry with individuals who have the skills and knowledge to assist in the stabling, care, and/or exercise of horses in the performance horse sectors of the equine industry.					
EQUINE UNIT STANDARD		Version	NZQF Credits		
Number	Title	Number	Level 1	Level 2	Level 3 +
	Communication skills				
29173	Communicate with team members and stakeholders, and comply with employment contract obligations in an equine workplace	2			5
	Care for horses in training				
29172	Demonstrate knowledge of horse feeds, nutritional and feed requirements and problems, and feed horses in training	3			5
29174	Provide routine care to horses in training	3			5
	Routine health care and emergencies involving horses				
6580	Demonstrate knowledge of hazards, routine health care, emergency responses, and ongoing care of horses	8			4
Module	Identify, report, and treat problems of horses in training	1			6
	Exercise horses in training				
1626	Describe the benefits of lunging and lunge a horse for training	6			4
1660	Identify, catch, and prepare a horse for exercise	6		5	
25443	Demonstrate knowledge of the gear and procedures used in the exercise of horses	2			6
Module	Exercise horses in training for a sporthorse discipline	1			4
	Horse preparation and requirements at an event				
1623	Prepare a horse for show	7		3	
1650	Prepare a horse for travel by road, and load and unload	8			3
				8	46
Total credits (Level 2 and 3 combined)			54		

**This programme will run dependent on enrolment numbers**

# **WELDING PROGRAMME**



This is a course for Year 12 and 13 students and consists of unit standards from the Engineering Industries.

The course will work towards the students gaining experience and knowledge using engineering hand tools, power tools, workshop machines and welders. It will also focus on performing engineering maintenance tasks, servicing, and maintaining small engines.

This course will give students practical knowledge and experience using many different types of tools and equipment. It is approximately 50% theory and 50% practical to keep students engaged and reinforce their knowledge.

As this course is using power tools and industry equipment, a strong focus on health and safety will be enforced and must be followed by students at all times.



## Vocational Pathways in Welding and Light Engineering Fabrication

Duration	Part Time – One Year
Dates	9 <sup>th</sup> February – 10 <sup>th</sup> November 2023
Days	Thursday and Friday
Time	9am – 4pm
Credits	

Applications taken throughout the year  
(where places are available)

### Pathway to further study

This is a course for Year 12/13 students and consists of unit standards from the Engineering industries. The course will work towards the students gaining experience and knowledge using engineering hand tools, power tools, workshop machines and welders. It will also focus on performing engineering maintenance tasks, servicing, and maintaining small engines.

This course will give students practical knowledge and experience using many different types of tools and equipment.

WELDING UNIT STANDARD		Version Number	NZQF Credits		
Number	Title		Level 1	Level 2	Level 3 +
<b>29651</b>	Demonstrate knowledge of health and safety when welding and thermal cutting	1		3	
<b>2396</b>	Demonstrate and apply knowledge of the selection, use and care of portable handheld engineering power tools	7		4	
<b>2672</b>	MIG – Weld steel in the downhand positions to a general purpose industry standard using the gas metal arc welding process	7			6
<b>21911</b>	Demonstrate knowledge of safety on engineering worksites	3		2	
<b>21912</b>	Apply safe working practices on an engineering worksite	3		2	
<b>2395</b>	Demonstrate and apply knowledge of the selection, use, and care of engineering hand tools	9		4	
<b>29730</b>	Apply good work practices when performing basic fabrication operations under supervision	2		6	
<b>29560</b>	Demonstrate knowledge of efficient and effective workplace procedures in mechanical engineering and fabrication	1		3	
<b>29677</b>	Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment	2			2
<b>29682</b>	Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project	2			4
<b>29680</b>	Communicate and work collaboratively in a Stage 3 BCATS project	2			5
<b>Total credits</b>			<b>41 credits</b>		

# TRANSPORT, LOGISTICS, CIVIL INFRASTRUCTURE & AGRICULTURE PROGRAMME





## Introduction to the Transport, Logistics, Civil Infrastructure & Agriculture Industries

Duration	Part Time - One Year
Dates	9 <sup>th</sup> February – 10 <sup>th</sup> November 2023
Days	Thursday and Friday
Time	9am – 4pm
Credits	55 credits plus elective credits and 20 credits literacy and numeracy if required

Applications taken throughout the year  
(where places are available)

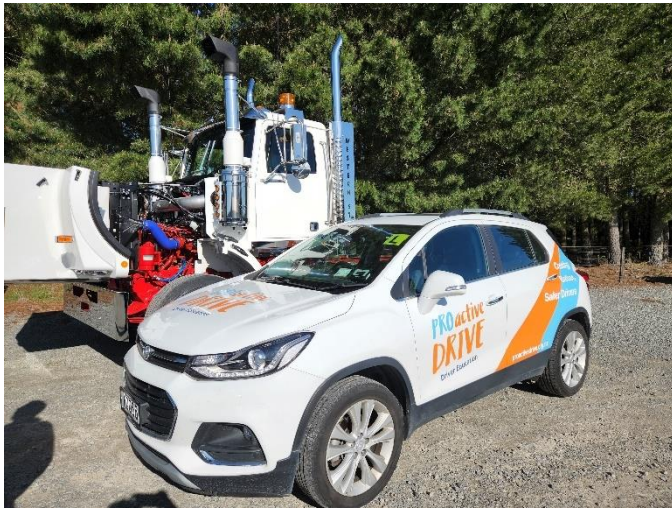
This programme is an introduction primarily to the transport, logistics, agriculture and civil infrastructure industries. There is a road safety component embedded with the progression of the Class 1 driver licence, as well as other related industry unit standards.

TRANSPORT & LOGISTICS, AGRICULTURE & CIVIL INFRASTRUCTURE UNIT STANDARDS		Version Number	NZQF Credits		
			Level 1	Level 2	Level 3 +
<b>Number</b>	<b>Title</b>				
<b>4251</b>	Plan a career pathway	8			3
<b>31543</b>	Describe driver roles and responsibilities for the transportation of goods by road	2			4
<b>26782</b>	Use measurements for infrastructure works purposes	2			6
<b>20866</b>	Work safely on an infrastructure worksite	3			7
<b>28896</b>	Maintain infrastructure in a primary industry workplace	2			5
<b>37</b>	Install fencing wire	6			6
<b>19046</b>	Service, repair and maintain primary industry machinery	4			6
<b>19044</b>	Demonstrate knowledge of the legal requirements and hazards associated with tractor use, or demonstrate equivalent knowledge and skills	4		3	
<b>31913</b>	Operate a basic tractor on flat terrain under close supervision	1		3	
<b>31914</b>	Attach and detach a power take off driven 3-point linkage mounted implement to a basic tractor under close supervision	1		2	
<b>24539</b>	Maintain and use a power take-off (PTO) driven implement attached to a tractor under limited supervision	3			4
<b>24538</b>	Demonstrate knowledge of tractor stability and the dynamics of tractors and attached implements	2			4
<b>24555</b>	Demonstrate knowledge of the safe operation of a motorcycle	3		3	
<b>19053</b>	Operate a motorcycle on flat terrain in the workplace under close supervision	4		3	
<b>19054</b>	Operate a motorcycle on rolling terrain under limited supervision	4			3
<b>19055</b>	Operate a motorcycle with mounted equipment of a load under limited supervision	4			3
	<b>Elective strands to choose from:</b>				
<b>29363</b>	Learn to drive a vehicle within the conditions of a Class 1 New Zealand learner driver licence	1	2		
<b>29364</b>	Drive a vehicle within the conditions of a Class 1 New Zealand	1		4	

	restricted driver licence				
<b>29365</b>	Drive a vehicle within the conditions of a Class 1 New Zealand full driver licence	1		2	
	<b>Optional Unit Standards</b>				
<b>6917</b>	Demonstrate basic chainsaw operation	9		12	
<b>29297</b>	Operate and maintain a chainsaw in a land-based context	2			8
	<b>Module Overview Only – Guest Speakers and Industry Visits</b>				
<b>29633</b>	Demonstrate understanding of the New Zealand primary sectors and industries	1		4	
<b>22283</b>	Demonstrate knowledge of the New Zealand infrastructure works industry	3		3	
<b>1735</b>	Demonstrate knowledge of the commercial road transport industry	5		3	

<b>LITERACY AND NUMERACY UNIT STANDARDS</b>		<b>Version Number</b>	<b>NZQF Credits Level 1</b>
<b>26622</b>	Write to communicate ideas for a purpose and audience	5	4
<b>26624</b>	Read texts with understanding	6	3
<b>26625</b>	Actively participate in spoken interactions	7	3
<b>26623</b>	Use number to solve problems	5	4
<b>26626</b>	Interpret statistical information for a purpose	5	3
<b>26627</b>	Use measurement to solve problems	5	3
<b>Total credits</b>			<b>20</b>

Learner Licence programme includes driving assessment – One full hour session.  
 Restricted and Full Licence programme includes a Free Group Lesson up to 3 people for 2 hours.  
**Participants must hold a Learner or Restricted Licence**



### STUDENT TESTIMONIALS

*"This is an information bomb! The way it is presented and the way we have been taught about the industry is really cool"*

*"I came to learn how to drive a car, bonus I can change the wheels and I've learnt all about the things inside the car and under the hood"*

*"Riding the lawn mower, operating the digger, riding in trucks, using the bucket of the concrete mixer, was all awesome!"*



# **AUTOMOTIVE PROGRAMME**



## Avon City Ford Training Services

This training programme has been designed to introduce students to a range of automotive career opportunities and prepare you for the demands that the industry requires in your career choice.  
The programme content covers a range of theory knowledge and practical skills that you need to achieve at a high level, as well as preparing you for work in your chosen career.

### Certificate in Automotive Practices (Level 3)

Unit	Description	Version Number	NZQF Credits	
			Level 2	Level 3
29579	Demonstrate knowledge of good work habits and safe work practices in the automotive industry	1	4	
3856	Identify emergency procedures in the motor and related industries	9		2
29580	Demonstrate good work habits and safe work practices in the automotive industry	2	4	
30478	Demonstrate knowledge of automotive lubricants	1	2	
30434	Service a vehicle or machine	1		3
30567	Demonstrate knowledge of automotive tyres and wheels	1		3
24458	Prepare to repair, and repair punctures in tubes and tubeless tyres on light vehicles	2		5
21722	Balance a wheel off a vehicle in the motor industry	2	2	
30568	Demonstrate knowledge of brake systems	1		4
30517	Service a brake system on a vehicle or machine	1		4
30518	Bleed a hydraulic brake system	1		2
30572	Demonstrate knowledge of vehicle or machine batteries	1	3	
30556	Service an automotive battery	1		3
5742	Protect electronics when servicing or repairing a vehicle or machine in the motor industry	5		2
			15	28
Total credits (Levels 2 and 3 combined)			43	

Contact Phil Hayes - [phayes@acford.co.nz](mailto:phayes@acford.co.nz)

Address - 162 Main South Road, Sockburn, Christchurch

# **EARLY CHILDHOOD EDUCATION PROGRAMME**

**NZ Certificate in Early Childhood Education and Care (Level 3)** will help students to develop a strong foundational grounding in the essential knowledge involved in the education and care of infants, toddlers, and young children.

**Topics include:** Child Development and Learning, Infant and Toddler Care, Attachment Theories, Ethics in Early Childhood Education Practice, Health and Wellbeing Practices, Safety in an ECE Setting, Communication, and Professional Practice.

This programme is perfectly suited to students looking to gain credits towards their NCEA levels while gaining skills towards a career qualification.

Number	Title	Version Number	NZQF Credits	
			Level 1 or 2	Level 3
<b>10013</b>	Explain the relevance of the New Zealand Early Childhood Curriculum Te Whāriki as a framework for programme development	6		2
<b>26707</b>	Describe the value of play and create resources for children's learning and development in an early childhood setting	4		4
<b>29856</b>	Describe and demonstrate care practices for infants and toddlers	1	2	
<b>27106</b>	Describe the terms associated with whakapapa and use them within a family structure	4	2	
<b>10026</b>	Demonstrate knowledge of mokopuna/children's holistic development and learning in an early childhood setting	6		5
<b>27108</b>	Describe the protocols and roles associated with pōwhiri in accordance with tikanga and/or kawa	4	2	
<b>29866</b>	Demonstrate knowledge of, and apply and reflect on age-related nutrition needs for a child in an early childhood setting	1		2
<b>29863</b>	Develop, implement and evaluate a learning plan based on observation of a child in an ECE service	1		5
<b>ATC OWN</b>	Tikanga concepts in the ECE setting			2
<b>26708</b>	Describe respectful, reciprocal and responsive relationships with mokopuna/children in an early childhood setting	4		4
<b>29868</b>	Describe professional behaviours and manage personal health and wellbeing in an early childhood setting	1		4
<b>25459</b>	Provide first aid for young children	4	1	
<b>10019</b>	Describe and contribute to safe practices and a safe environment for mokopuna/children in an early childhood setting	6		3
<b>29867</b>	Demonstrate knowledge of diverse whānau/families and use a range of effective communication strategies in an ECE service	1		5
<b>29869</b>	Demonstrate knowledge of ethical responsibility to guide practice in an early childhood setting	1		3



		Version Number	NZQF Credits	
Number	Title		Level 1 or 2	Level 3
<b>29870</b>	Demonstrate knowledge of te Tiriti o Waitangi, legislation and organisations relevant to ECE services in New Zealand	1		4
<b>29871</b>	Describe and compare a range of ECE services and philosophies in Aotearoa New Zealand	1		3
<b>29865</b>	Describe and reflect on practices to protect and promote the health and holistic wellbeing of young mokopuna/children	1		4
<b>29864</b>	Demonstrate knowledge of attachment theories, behaviours and transition support in an early childhood setting	1		3
			<b>7</b>	<b>53</b>
<b>Total credits (Levels 1, 2 and 3 combined)</b>			<b>60</b>	

Contact Brian Watts – [brian.watts@visioncollege.ac.nz](mailto:brian.watts@visioncollege.ac.nz) – to enrol  
Address – 20 Twigger Street, Addington, Christchurch



# **DIGITAL TECHNOLOGY PROGRAMME**

**Vocational Pathways in Digital Technology** is designed to give students entry level knowledge leading well into a career and/or further education in information technology

Number	Title	Version Number	NZQF Credits	
			Level 2	Level 3
<b>18741</b>	Create a computer programme to provide a solution	7		6
<b>29788</b>	Develop and evaluate an interactive website for organisational use	2		5
<b>29790</b>	Apply digital tools to create and monitor a project plan	2		3
<b>29793</b>	Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief	2		5
<b>29794</b>	Implement security solutions when using digital tools	1		5
<b>29796</b>	Collaborate effectively with others in a digital environment	1		7
<b>29797</b>	Synchronise data across digital devices and multiple platforms	2		2
<b>29798</b>	Troubleshoot, fix, and escalate a range of common hardware and software problems	2		3
<b>Total credits</b>				<b>36</b>

Contact Brian Watts – [brian.watts@visioncollege.ac.nz](mailto:brian.watts@visioncollege.ac.nz)  
Address – 20 Twigger Street, Addington, Christchurch

# PSYCHOLOGY PROGRAMME

**1 day a week**

This **Level 3 Psychology** course will help you to understand more about how people think, feel and behave.  
(University Entrance Achievement Standards)

**Topics include:** learning about analysing past studies, conducting research in psychology, and understanding different psychological approaches.

ACHIEVEMENT STANDARDS		Version Number	NZQF Credits	
Number	Title		Level 2	Level 3
<b>91872</b>	Analyse the interaction between psychological approaches	1		6
<b>91873</b>	Analyse the significance of a key piece of research and its impact on society	1		3
<b>91874</b>	Conduct independent psychological research with consultation	1		6
<b>Total credits</b>				<b>15</b>

Contact Brian Watts – [brian.watts@visioncollege.ac.nz](mailto:brian.watts@visioncollege.ac.nz)  
Address – 20 Twigger Street, Addington, Christchurch

## NATIONAL TRADE ACADEMY BUS INFORMATION

National Trade Academy will provide travel assistance to all Trade Academy students, paid in arrears. A Metro Card will be provided to all Trade Academy students, or we will top up a student's existing card. The card will be topped up each Friday afternoon for use in the following week. Please note that the student will need to cover the first week of travel.

The bus service will bring out the students from the City Bus Interchange onwards.

The Number 3 bus will depart from the Bus Interchange (Platform C) at 7:47am and bring the students all the way out to NTA (arriving at 8:55am).

The return bus will be on the same route, departing NTA at 4:07pm and arriving at the Bus Interchange (Platform C) at 5:07pm.

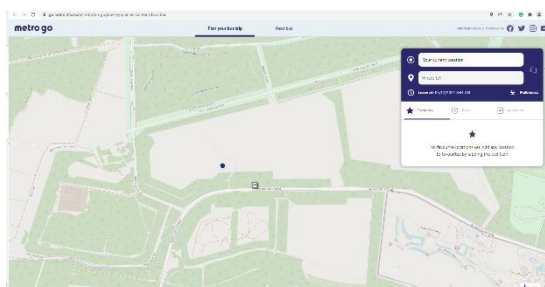
Students would pay a Zone 3 Metro fare (as per the table). This would provide them with some cost advantage, as long as they use their Metrocard correctly. Paying a Zone 3 fare on their first trip of the day would allow them to 'transfer' (if necessary) onto the service out at McLeans Island, at no additional cost.

The reverse of this process would occur in the afternoon – a Zone 3 fare would be paid when boarding at 4:07pm.

INFORMATION.

Fare type	Child		Adult	
	Metrocard	Cash	Metrocard	Cash
Zone 1	\$0.75 <del>\$1.50</del>	\$1.20 <del>\$2.40</del>	\$1.30 <del>\$2.65</del>	\$2.10 <del>\$4.20</del>
Zone 2	\$1.05 <del>\$2.15</del>	\$1.60 <del>\$3.20</del>	\$1.90 <del>\$3.85</del>	\$2.80 <del>\$5.70</del>
Zone 3	\$1.30 <del>\$2.60</del>	\$1.80 <del>\$3.70</del>	\$2.35 <del>\$4.70</del>	\$3.30 <del>\$6.70</del>
Ferry one way	\$1.30 <del>\$2.60</del>	\$1.80 <del>\$3.70</del>	\$2.35 <del>\$4.70</del>	\$3.30 <del>\$6.70</del>
Ferry return trip Included	NA	\$3.60 <del>\$7.40</del>	NA	\$6.60 <del>\$13.40</del>

Child Fare



[go.metroinfo.co.nz](http://go.metroinfo.co.nz)

is the site to go to for planning your journey  
In the search box, put 890 McLeans Island Road  
(the street address for National Trade Academy)



NTA

890 McLeans Island

Road Harewood

Christchurch 8051

Phone: 033602192

Email: [shortcourse@nta.co.nz](mailto:shortcourse@nta.co.nz)

Website: [www.nta.co.nz](http://www.nta.co.nz)