



Our Short Course programmes are designed for Year 11 – 13 secondary school students. Students will have the opportunity to achieve credits while exploring vocational pathways.

These programmes align with the tertiary options available at the National Trade Academy as well as the Vocational Primary Industries Pathway.

## SECONDARY SCHOOL SHORT COURSE PROGRAMMES

- **Holiday Programmes**
- **Agriculture Livestock Handling**
- **Animal Care**
- **Apiculture**
- **Basic Mechanical Engineering**
- **Chainsaw**
- **Equine**
- **Horticulture**
- **Transport & Logistics**
- **Wai Fencing**



# STAR

## PROGRAMMES

### BACKGROUND INFORMATION:

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**Location:** 890 McLeans Island Road – NTA Training Centre

**Time:** 9am – 4pm

Courses are based on minimum numbers.

**Costs:**

Costs are per student per course. If your school can fill a whole programme, a discount will apply.

**Transport:**

There is a bus service (the Number 3 bus) which runs from Sumner to National Trade Academy, stopping off at Christchurch Bus Interchange (Platform C) and the Antarctic Centre, arriving at NTA at 8:50am. The bus also returns via the same route, departing NTA at 4:10pm. For more information on bus routes, visit the Metro website and look for the bus trip planner ([www.metroinfo.co.nz](http://www.metroinfo.co.nz)).

**Distance Learning Programmes**

We also offer distance learning theory programmes, which can be designed to suit the needs of the school.

- Theory cost - \$30 (plus gst) per credit per student.

**Contact:**

Short Course & Trade Academy Administrator

(03) 360 2192

[lisa@nta.co.nz](mailto:lisa@nta.co.nz)

# GATEWAY

## PROGRAMMES

### BACKGROUND INFORMATION:

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NTA offers Vocational Pathway packages, tailored to the needs of students. Due to the seasonal nature of the land-based industries, the programme timetable is decided in consultation with the school, individual student and NTA.

We offer three Gateway programmes, with individual business units attached including the Arion Riding Centre, NTA's Nursery, and the Arion Farm Park run on site at NTA.

Gateway programmes are a minimum of one day per week for at least 10 weeks, and cost \$1000 (plus gst) per student. Please note that all prices are exclusive of GST unless otherwise stated.

Students can choose from the following programmes:

- **Equine:**

The Arion Riding Centre, on site at McLeans Island, provides a safe environment where students can achieve a solid practical foundation, leading to the development of higher skills in the equestrian discipline. Our facilities have been purpose built to cater for a range of popular riding disciplines.

On completion of the course students will be able to identify, catch and restrain a horse, prepare the horse for gearing up, fit gear in preparation for exercise, fit protection to the lower leg of the horse, and attend to post exercise activities.

- **Horticulture:**

NTA runs its own commercial nursery on site at McLeans Island, offering students the opportunity to gain hands on experience in nursery production, workplace safety, propagation, growing cycles, plant botany, pests & disease identification, and much more.

- **Animal Care:**

We are lucky to have the Arion Farm Education Park on site at McLeans Island offering students the chance to take their first steps in their careers. Students will have the opportunity to work with a wide range of farm animals from rabbits, birds, sheep, guinea pigs, goats, horses and more.

These programmes provide students with the practical units and knowledge required for further education and or work in their chosen field of study. The unit standard information for the above programmes is included in the contents of the booklet. National Trade Academy will provide all resources, including workbooks and assessments.

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## HOLIDAY PROGRAMMES



# Holiday Programmes



## Introduction to Agriculture

End Term 1

\$550 +gst

Unit Standard	Description	Level	Credits
561	Install, dismantle, and store temporary electric fences	2	2
24836	Describe nonelectric fences, fence support materials, and safe practices in fencing	2	2
19044	Demonstrate knowledge of the legal requirements and hazards associated with tractor use	2	3
19112	Check and report on livestock	2	4
<b>Total Credits</b>			<b>11</b>

## Introduction to Car Ownership

End Term 2

\$550 +gst

Unit Standard	Description	Level	Credits
17676	Carry out a pre-start vehicle check on a vehicle or machine, and start and shut down the vehicle or machine	2	3
21869	Remove and refit road wheels on a vehicle	2	1
15408	Demonstrate knowledge of motor vehicle documentation and primary systems of a vehicle	2	4
19047	Demonstrate knowledge of the working principles, maintenance, and servicing of petrol and diesel engines	2	2
<b>Total Credits</b>			<b>10</b>

## Introduction to Apiculture

End Term 3

\$550 +gst

Unit Standard	Description	Level	Credits
30783	Open and close beehives under close supervision	2	5
30798	Demonstrate knowledge of bees, the bee life cycle and adult bee behaviour patterns	3	4
561	Install, dismantle, and store temporary electric fences	2	2
<b>Total Credits</b>			<b>11</b>

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# AGRICULTURE LIVESTOCK HANDLING



# Agriculture

## Livestock Handling



### 5 DAY / LIVESTOCK HANDLING

5 Day Programme / 1 Day per Week

\$550 +gst

Send us an enquiry to register your interest in the programme.

Unit Standard	Description	Level	Credits
19115	Handle and move livestock	3	6
19106	Assist with handling livestock when moving and drafting, and when livestock are distressed	2	4
<b>Total Credits</b>			<b>10</b>

### 10 DAY / LIVESTOCK HANDLING

10 Day Programme / 1 Day per Week

\$1000 +gst

Send us an enquiry to register your interest in the programme.

Unit Standard	Description	Level	Credits
19115	Handle and move livestock	3	6
19106	Assist with handling livestock when moving and drafting, and when livestock are distressed	2	4
17593	Apply safe work practices in the workplace	2	4
19112	Check and report on livestock	2	4
19116	Demonstrate knowledge of livestock behaviour and welfare in a primary industry operation	2	3
<b>Total Credits</b>			<b>21</b>

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## ANIMAL CARE INTRODUCTION



# Animal Care Introduction



## 5 DAY / ANIMAL CARE INTRODUCTION

5 Day Programme

\$550 +gst

Unit Standard	Description	Level	Credits
5189	Apply health and safety and hazard control when working in an animal facility	3	4
5152	Monitor health, provide husbandry for, and handle horses	2	5
<b>Total Credits</b>			<b>9</b>

## 10 DAY / ANIMAL CARE INTRODUCTION

10 Day Programme

\$1000 +gst

Unit Standard	Description	Level	Credits
5189	Apply health and safety and hazard control when working in an animal facility	3	4
5152	Monitor health, provide husbandry for, and handle horses	2	5
19112	Check and report on livestock	2	4
5151	Monitor health, provide husbandry for, handle, and transport caged birds	2	3
<b>Total Credits</b>			<b>16</b>

This course gives students a taste of the practical units and knowledge required for further education and/or work in the animal care and handling industry.

At the end of the course students should be able to: identify animals; handle safely for routine activities; feed, water, and groom; describe indications of health and ill health and describe and maintain housing and equipment.

Send us an enquiry to register your interest in the programme.

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# INTRODUCTION TO APICULTURE



# Introduction to Apiculture



## 5 DAY / INTRODUCTION TO APICULTURE

5 Day Programme / 1 Day per Week

\$550 +gst

Unit Standard	Description	Level	Credits
30783	Open and close beehives under close supervision	2	5
30791	Demonstrate understanding of honey bee physical features, castes, bee strings and beehive health	2	5
<b>Total Credits</b>			<b>10</b>

## 10 DAY / APICULTURE

10 Day Programme / 1 Day per Week

\$1000 +gst

Unit Standard	Description	Level	Credits
30782	Feed bees in beehives under close supervision	2	6
30783	Open and close beehives under close supervision	2	5
30791	Demonstrate understanding of honey bee physical features, castes, bee stings and beehive health	2	5
30797	Demonstrate understanding of beekeeping equipment and honey extraction and use equipment for routine operations	2	4
<b>Total Credits</b>			<b>20</b>

Students will be able to open beehives; feed beehives and carry out beehive inspections; and close beehives. Students will gain understanding of honeybee physical features, castes, bee stings and beehive health as well as bee keeping equipment, honey extraction and use equipment for routine operations.

Send us an enquiry to register your interest in the programme.

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# BASIC MECHANICAL ENGINEERING



# Basic Mechanical Engineering



## 5 DAY / BASIC MECHANICAL ENGINEERING

5 Day Programme / 1 day per week

\$550 +gst

Send us an enquiry to register your interest in the programme.

On completion of this course students will be able to under close supervision:

- Understand how to apply basic safety in a workshop situation.
- Maintain hand tools.
- Service small engine powered machinery.
- Remove and refit a wheel on a road vehicle.

Unit Standard	Description	Level	Credits
17593	Apply safe working practices in the workplace	2	4
4	Maintain hand tools and service small engines used in a primary industry operation	2	5
21869	Remove and replace road wheels on a vehicle	2	1
<b>Total Credits</b>			<b>10</b>

## 10 DAY / BASIC MECHANICAL ENGINEERING

10 Day Programme / 1 day per week

\$1000 +gst

Send us an enquiry to register your interest in the programme.

On completion of this course students will be able to under close supervision:

- Understand how to apply basic safety in a workshop situation.
- Use and maintain hand tools and handheld power tools.
- Service small engine powered machinery.
- Remove and refit a wheel on a road vehicle.
- Understand the principles of petrol and diesel.

Unit Standard	Description	Level	Credits
17593	Apply safe working practices in the workplace	2	4
4	Maintain hand tools and service small engines used in a primary industry operation	2	5
21869	Remove and replace road wheels on a vehicle	2	1
2396	Demonstrate and apply knowledge of the selection, use and care of portable handheld engineering power tools	2	4
2395	Demonstrate and apply knowledge of the selection, use and care of engineering hand tools	2	4
19047	Demonstrate knowledge of the working principles, maintenance, and servicing of petrol and diesel engines	2	2
<b>Total Credits</b>			<b>20</b>

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## CHAINSAW INTRODUCTION



# Chainsaw Introduction



## 2 DAY / CHAINSAW INTRODUCTION

2 Day Programme

\$550 +gst

This course is designed as an introduction to chainsaw use. People credited with this unit standard are able to demonstrate knowledge of the rules for chainsaw use; disassemble and reassemble a chainsaw, identify its components and explain their functions; demonstrate knowledge of factors that influence the operation of a chainsaw; prepare to operate a chainsaw; start and test a chainsaw; and use a chainsaw to make cuts.

Send us an enquiry to register your interest in the programme.

Unit Standard	Description	Level	Credits
6917	Demonstrate basic chainsaw operation in a non-forestry production environment	2	12
<b>Total Credits</b>			<b>12</b>

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## INTRODUCTION TO THE EQUINE INDUSTRY



# Introduction to the Equine Industry



## 5 DAY / EQUINE LEVEL 2

5 Day Programme

\$550 +gst

Unit Standard	Description	Level	Credits
1648	Clean a stable	2	4
1656	Groom a horse	2	3
29171	Carry out routine, minor, or temporary maintenance of equine facilities	2	5
<b>Total Credits</b>			<b>12</b>

## 10 DAY / EQUINE LEVEL 2

10 Day Programme

\$1000 +gst

Unit Standard	Description	Level	Credits
29171	Carry out routine, minor, or temporary maintenance of equine facilities	2	5
1660	Identify, catch, and prepare a horse for exercise	2	5
1656	Groom a horse	2	3
1648	Clean a stable	2	4
6579	Clean and maintain saddlery for horses	2	2
<b>Total Credits</b>			<b>19</b>

These courses give students a taste of the skills and knowledge necessary for further education and / or employment in the equine industry.

On completion students, will be able to: identify, catch, and restrain the horse; prepare the horse for gearing up; fit gear in preparation for exercise, according to supervisor's or the trainer's instructions; fit protection to the lower leg of the horse; and attend to post exercise activities.

Send us an enquiry to register your interest in the programme.

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# INTRODUCTION TO HORTICULTURE



# Introduction to Horticulture



## 5 DAY / INTRODUCTION TO HORTICULTURE

5 Day Programme / 1 Day Per Week

\$550 +gst

Send us an enquiry to register your interest in the programme.

Unit Standard	Description	Level	Credits
17593	Apply safe work practices in the workplace	2	4
29502	Plant out by hand	2	5
27215	Prepare to apply, and apply, agrichemicals using handheld equipment	2	5
<b>Total Credits</b>			<b>14</b>

## 10 DAY / INTRODUCTION TO HORTICULTURE

10 Day Programme / 1 Day Per Week

\$1000 +gst

Send us an enquiry to register your interest in the programme.

Unit Standard	Description	Level	Credits
17593	Apply safe work practices in the workplace	2	4
29502	Plant out by hand	2	5
27215	Prepare to apply, and apply, agrichemicals using handheld equipment	2	5
29508	Sow seeds and monitor germination and emergence under close supervision	2	5
23781	Grow and pot up plants from stems cuttings	2	5
<b>Total Credits</b>			<b>24</b>

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# INTRODUCTION TO THE TRANSPORT & LOGISTICS INDUSTRY



# Introduction to the Transport & Logistics Industry



## 10 DAY / TRANSPORT & LOGISTICS

10 Day Programme

\$1000 +gst

Send us an enquiry to register your interest in the programme.

This course is designed for students who have a keen interest in vehicles and a career in the Transport Logistics and / or Civil Infrastructure Industries.

Canterbury businesses operating extensive national / global logistics and freight forwarding networks speak to their provision of a diverse range of transport and logistics solutions covering road, air, sea and rail, and the Civil Infrastructure industry. Providing students with an appreciation of the requirements and demands of developing and working in an industrial environment.

Unit Standard	Description	Level	Credits
15408	Demonstrate knowledge of motor vehicle documentation, describe the primary systems of a motor vehicle	2	4
1735	Demonstrate knowledge of the commercial road transport industry	2	3
17676	Carry out a pre-start vehicle check on a vehicle or machine, and start and shut down the vehicle or machine	2	3
21869	Remove and replace road wheels on a vehicle	2	1
17593	Apply safe work practices in the workplace	2	4
19047	Demonstrate knowledge of the working principles, maintenance, and servicing of petrol and diesel engines	2	2
<b>Total Credits</b>			<b>17</b>

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## WAI FENCING



# Wai Fencing



## 5 DAY / WAI FENCING

This is a 5-day fencing programme and looks at Wai Restoration and Wai Fencing.

\$550 +gst

Students will participate in practical sessions.

In pastoral farming riparian management means, fencing out livestock and planting trees along streams to create buffer zones.

The programme is aimed at fencing stock out and gaining knowledge related to fencing, environmental awareness and action.

Send us an enquiry to register your interest in the programme.

Unit Standard	Description	Level	Credits
561	Install, dismantle, and store temporary electric fences	2	2
24833	Identify and maintain fencing tools and equipment, and identify fencing construction materials and wire types	2	3
24836	Describe nonelectric fences, fence support materials, and safe practices in fencing	2	2
24835	Identify the location of a fault in electric fences, and replace electric fence components	2	3
<b>Total Credits</b>			<b>10</b>

## 10 DAY / WAI FENCING

This is a 10-day fencing programme and looks at Wai Restoration and Wai Fencing.

\$1000 +gst

Students will participate in practical sessions and investigate career opportunities around riparian management.

In pastoral farming riparian management means fencing out livestock and planting trees along streams to create buffer zones.

The programme is aimed at fencing stock out and gaining knowledge related to fencing and environmental awareness and action.

Send us an enquiry to register your interest in the programme.

Unit Standard	Description	Level	Credits
561	Install, dismantle, and store temporary electric fences	2	2
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
24834	Replace a broken post and repair a broken wire in fences	2	5
24835	Identify the location of a fault in electric fences, and replace electric fence components	2	3
24836	Describe nonelectric fences, fence support materials, and safe practices in fencing	2	2
<b>Total Credits</b>			<b>20</b>

