



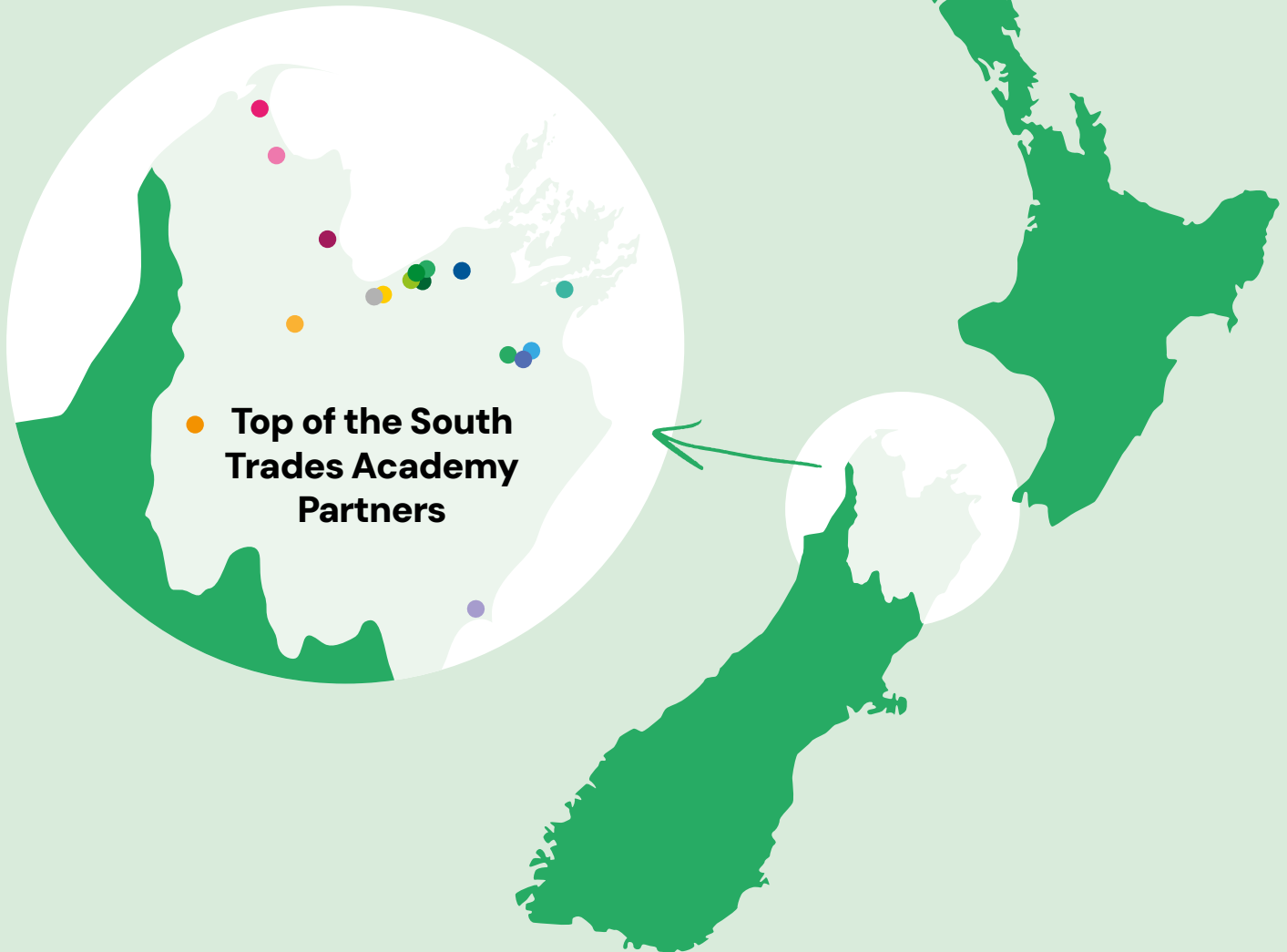
Programme Guide 2025

tradesacademy.ac.nz



Top of the South Trades Academy

PARTNERSHIP IN EDUCATION



School partners

- Nayland College
- Waimea College
- Garin College
- Nelson College for Girls
- Nelson College
- Motueka High School
- Te Kura Kaupapa o Tuia Te Matangi
- Tapawera Area School
- Rai Valley Area School
- Murchison Area School
- Collingwood Area School
- Richmond View School
- Golden Bay High School
- Marlborough Girls College
- Marlborough Boys College
- Queen Charlotte College
- Kaikoura High School
- Te Aho o Te Kura Pounamu (Correspondence School)

Tertiary partners



Contents

Introduction and How to Apply	2
Trades Academy Programmes at a Glance	3

Construction and Infrastructure

Joinery	4
Carpentry	6
Electrical	8

Manufacturing and Technology

Engineering (Mechanical and Aeronautical)	10
Mechanical Engineering	12
Automotive Engineering	14

Primary Industries

Environmental Sustainability	16
Aquaculture and Marine Conservation	18
Green Pathways	20

Services Industries

Hospitality	22
Salon Skills	24
Beauty	26
Hairdressing	28
Sport and Exercise	30
Adventure Tourism Leadership	32
Adventure Skills Development and Kaitiaki Leadership	34
Manaaki Tāpoi Cultural Tourism	36

Social Services

Uniformed Services	38
--------------------	----

Creative Industries

Artificial Intelligence	40
Arts and Design	42
Gamification	44

Travel Maps


Wider Area Maps	46
City Maps	47



**Top of the South
Trades Academy**

PARTNERSHIP IN EDUCATION

office@tradesacademy.ac.nz

 Find us on Facebook

tradesacademy.ac.nz

If you think you know what Trades is...Think again!

The Top of the South Trades Academy is opening doors for students like you, who want to stay at school but are ready to start training for a real job.

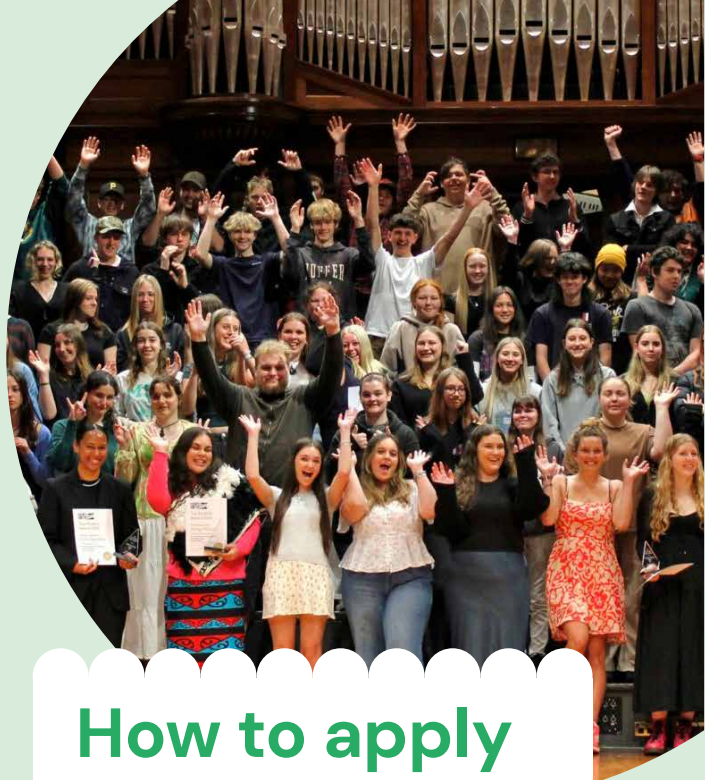
If you're accepted into Trades Academy, you'll be able to stay at school completing NCEA, while at the same time working towards Level 2 or 3 credits and/or a NZ recognised qualification in a trade of your choice.

Trades Academy training is practical and hands-on and there are lots of options to choose from. You can learn anything from mechanical engineering and joinery, to hairdressing and hospitality. You'll learn heaps of useful skills to help you go on to further study or get a job right out of school. **The best part is, it's free!**

Training is either one day a week at one of the Nelson Marlborough Institute of Technology's (NMIT) campuses in Nelson and Blenheim, Electrical Training Company (ETCO) Nelson, or in residential blocks at Whenua Iti Outdoors.

Students may choose to travel to Nelson or Marlborough to attend their programme of choice. All transport is free! Check out our travel maps on pages 44 and 45.

**What are you waiting for?
Apply now!**



How to apply

It's easy to apply for the Top of the South Trades Academy!



Firstly speak with your Trades Academy coordinator at your school for guidance about the programmes available.



Secondly go to our website tradesacademy.ac.nz to find our online enrolment form and apply. Check what information you need prior to starting the application.



You will receive an email saying you have applied and are now awaiting confirmation of a funded place.

Who can apply?

The Trades Academy has no fees and is open to Year 11, 12 and 13 students, who have or are working towards gaining credits in numeracy and literacy. We're looking for students who are focused, committed to learning and keen to work towards a career in their chosen Vocational Pathway.

If this sounds like you, contact us today!

office@tradesacademy.ac.nz
tradesacademy.ac.nz

Trades programmes at a glance

NMIT Marlborough

Thursdays 9am – 2.30pm

Automotive Engineering

Salon Skills

Green Pathways

Marlborough Woodbourne

Fridays 9am – 2.30pm

Engineering (Mechanical and Aeronautical)

Key points:

- Programmes based at **NMIT Blenheim and Nelson** will commence late February 2025.
- Programmes based at **Whenua Iti** run at different times throughout the year. Please refer to the website for specific block course dates.
- Programmes can only be run when sufficient enrolments are received. A programme may be cancelled if there are insufficient enrolments. Students will be advised of this as early as possible.
- Students in Marlborough can enrol for Nelson based programmes.

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

NMIT Nelson

Fridays 9am – 2.30pm

Joinery

Carpentry

Mechanical Engineering

Automotive Engineering

Aquaculture and Marine Conservation

Hospitality

Beauty

Hairdressing

Sport and Exercise

Artificial Intelligence

Arts and Design

Gamification

Whenua Iti

Residential block courses

Adventure Tourism Leadership

Manaaki Tāpoi

Adventure Skills Development and Kaitiaki Leadership

Uniformed Services

Environmental Sustainability

ETCO Nelson

Fridays 9am – 2.30pm

Electrical

Pathway Key

- Construction and Infrastructure
- Manufacturing and Technology
- Primary Industries
- Services Industries
- Social Services
- Creative Industries

Joinery



Do you like making things? Have you thought about a career in joinery? This hands-on joinery programme could be your first step of a great career that can take you places.

Working in NMIT's Building Barn based in Nelson, you'll learn heaps of useful things like developing your skills in using hand and power tools; learn how to read plans; create drawings for your projects and to gain insight into joinery manufacture.

There will be a chance to design and build furniture while gaining a good knowledge of the health and safety requirements in the workplace.

From here you can go into employment, a trades course at NMIT or further study.



Head to our website **tradesacademy.ac.nz** to read the personal accounts of our past graduates and students.



Key details

NCEA: Level 2

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm Fridays

Provider: NMIT

Location: NMIT Nelson

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- Industry Employment/ Apprenticeships and ITO Training
- Tertiary pre-employment Training at NMIT in Joinery or Carpentry and Construction Trades Skills
- University Studies

Employment opportunities

- Joiner
- Construction Worker
- Retail Shop Fit Out
- Building Supplies Sales
- Landscape Construction

On completion you will be able to:

- Calculate quantities and prepare an order, set out and construct timber furniture, and complete work operations.
- Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects.
- Identify, describe, select, maintain, and use portable power tools for the construction of BCATS projects.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Carpentry



This hands-on carpentry programme is the first rung on the ladder of a great career that can really take you places.

Draw and sketch methods required for projects and establish job requirements and convert sketches to instrumental drawings.

You will also gain experience and practical knowledge in the use and maintenance of power tools along with learning to calculate quantities required for projects. Health and safety requirements are a key component of the programme.



Head to our website tradesacademy.ac.nz to read the personal accounts of our past graduates and students.



Key details

NCEA: Level 2
 Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025
Time: 9am to 2.30pm Fridays
Provider: NMIT
Location: NMIT Nelson and Richmond

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

- Trades Academy Training**
- Industry Employment/ Apprenticeships and ITO Training
 - Tertiary pre-employment Training at Te Pūkenga NMIT in Carpentry and Construction Trades Skills
 - University Studies
 - Civil Engineering
 - Project Management
 - Architecture
 - Resource Management
 - Engineering
 - Building Science

Employment opportunities

- Carpenter
- Concrete Contractor
- Landscape Construction
- Construction Site Foreman
- Designer and Draughtsperson
- Builder
- Quantity Estimator
- Joiner
- Residential Building Construction Worker
- Retail Shop Fit-Out
- Building Supplies Sales
- Labourer/Hammer Hand
- Commercial Building
- Construction Project Manager

On completion you will be able to:

- Demonstrate knowledge of lines and symbols, and drawing and sketching methods required for BCATS projects, establish job requirements and create sketches, and convert sketches to instrumental drawings for BCATS projects.
- Identify, describe, select, maintain, and use portable power tools for the construction of BCATS projects.
- Calculate quantities and prepare an order, set out and construct a project and complete work operations.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Electrical



etco™ the electrical training experts

The Trades Academy in conjunction with the Electrical Training Company Ltd (ETCO) are offering an exciting electrical programme.

Qualified electricians are in high demand and the expertise of the tutors could open up unique opportunities and launch your career.

This is a hands-on practical introduction to the electrical industry where you could work towards credits on entering an electrical apprenticeship.

You will have access to the best industry connections throughout your study with

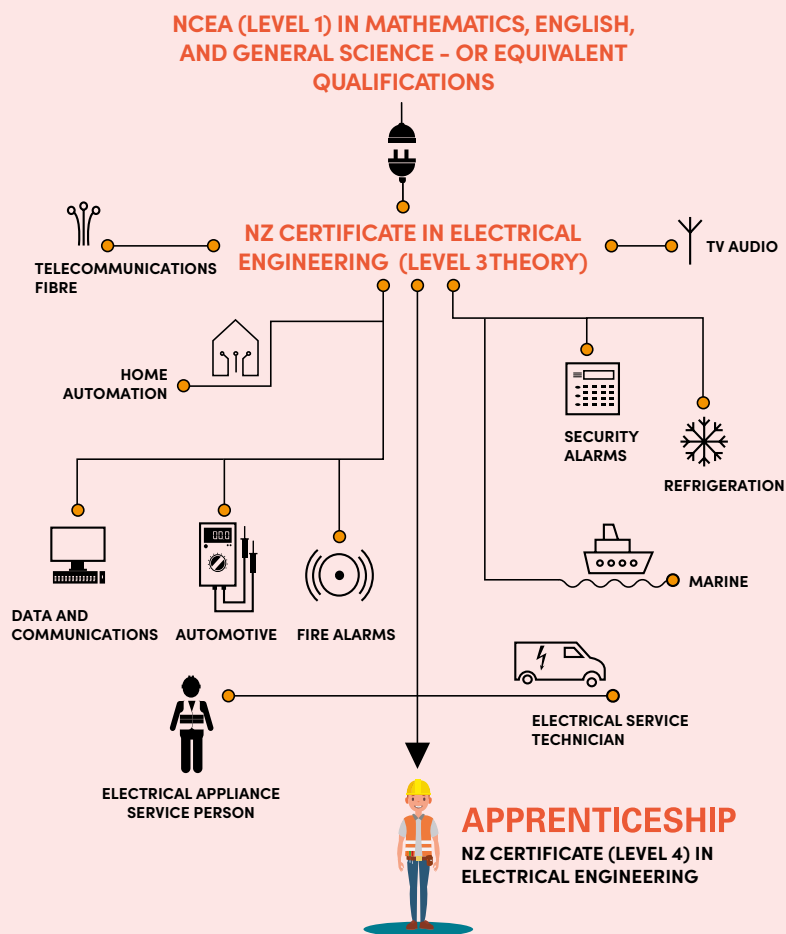


Head to our website tradesacademy.ac.nz to read the personal accounts of our past graduates and students.

expert mentors, tutors with ties to top companies (employers) in the electrical field.

Get ahead of the competition and preview your future in the electrical industry.

Training pathways and employment opportunities



Key details

NCEA: Levels 2 and 3

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm Fridays

Provider: ETCO

Location: ETCO Nelson

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

On completion of this course you will be able to:

- Perform manual soldering and de-soldering procedures for electrotechnology work.
- Test electrical appliances for safety.
- Work safely with electrical equipment.
- Demonstrate knowledge of electrical calculations and theory, test instruments, and components of electrical equipment.
- Use cutting tools and machines in the performance of electrical installation and maintenance.
- Demonstrate practical application of theory and legislation for electrical appliance service persons (endorsed).
- Contribute with a team or group which has an objective.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Engineering

(Mechanical and Aeronautical)



If you are interested in mechanics, engines and aviation, and relish in a technical challenge, then join us at the NMIT Woodbourne Campus at The Royal New Zealand Air Force (RNZAF) Base.

In this hands-on course, you'll get to work in both the mechanical and aviation workshops, learning how to machine, weld and fabricate with metal. You'll be building projects such as rocket stoves and fire pits, using CAD/CAM software to create 3D printed models, and learning about the principles of aircraft flight. Get amongst real aircraft and cutting-edge technology and gain invaluable insights into the exciting realm of Aviation Engineering—a profession in high demand and ripe with opportunity.

You will take field trips to local Aviation points of interest throughout the year and connect with NMIT's industry partners such as AirNZ, Rocket Lab and AirForce recruiters.



Key details

NCEA: Level 2 and 3

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm
Fridays

Provider: NMIT

Location: NMIT Woodbourne
Airbase, Marlborough

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- ➔ NZ Certificate in Mechanical Engineering Level 3
- ➔ NZ Certificate in Aeronautical Engineering Level 4
- ➔ NZ Diploma in Aeronautical Maintenance Certification Level 6

Employment opportunities

- Aircraft Maintenance Engineer
- Aeronautical Engineer
- Aircraft Engineer
- Aeronautical Support Engineers
- Fleet Engineer
- Quality and Safety Engineer
- Liaison Engineer
- Work at a major airline such as Air New Zealand, Qantas and International Aviation Industries
- Work with Aeronautical Maintenance, Repair and Overhaul (MRO) organisations in New Zealand

On completion of this course you will be able to:

- Demonstrate knowledge on the principals of aircraft flight.
- Demonstrate knowledge of safety on engineering worksites.
- Demonstrate knowledge of fabrication machinery, materials and processes.
- Produce simple engineering component drawings used CAD software.
- Create three-dimensional engineering models using CAD software under supervision.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

The delivery of this programme is subject to NMIT's approval.

This programme is available to Marlborough students only.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Mechanical Engineering



If you like making and fixing things and enjoy working with your hands, then chances are you'll make a great mechanical engineer.

This programme will see you working in NMIT's Mechanical Engineering workshops learning how to machine, weld and fabricate with metal.

You will explore different facets of mechanical engineering and build projects like rocket stoves, fire pits, engineering tools, garden art or even create your own project.

You will use CAD/CAM software used in the industry

to produce engineering drawings and output to our 3D printers to create models and prototypes. You could even progress to manufacture your part on our HAAS CNC machining centre.

This is a very practical, hands-on course so be prepared to get stuck in!

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz



Key details

NCEA: Level 2 and 3

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm
Fridays

Provider: NMIT

Location: NMIT Nelson

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- ➔ Industry Employment/ Apprenticeships and ITO Training
- ➔ NZ Certificate in Mechanical Engineering (Level 3)
- ➔ New Zealand Certificate in Mechanical Engineering (Trade) with strands in Fitting and Machining and General Engineering (Level 4)
- ➔ New Zealand Certificate in Engineering Fabrication (Trade) with strands in Light and Heavy Fabrication (Level 4)
- ➔ NZ Certificate in Mechanical Engineering (Level 4)
- ➔ NZ Diploma in Civil Engineering (Level 6)
- ➔ University Studies:
 - Engineering Degrees in Mechanical, Civil, Structural, Design, Mechatronics
 - Metallurgist

On completion of this course you will be able to:

- Demonstrate knowledge of safety on engineering worksites.
- Demonstrate knowledge of fabrication machinery, materials, and processes.
- Assemble mechanical components under supervision.
- Produce simple engineering component drawings using CAD software.
- Create three-dimensional engineering models using CAD software under supervision.
- Assemble mechanical components under supervision.

Employment opportunities

- Business Owner
- Machinist and Toolmaker
- Marine Engineer
- Welder
- Refrigeration Engineer
- Sheet Metal Fabricator
- Heavy Fabrication Engineer
- CAD Designer / Draftsperson
- CNC Operator
- Architect or Civil Drafter
- Civil Engineer
- Mechanical Engineer
- Hydraulics Engineer
- Structural Steel Engineer
- Heating, Ventilation, Air Conditioning
- Maintenance and Diagnostics Engineer

Automotive Engineering



If you enjoy working on cars and problem-solving then Automotive Engineering could be just the career for you.

This programme will give you a real taste for the industry. You'll spend your time getting your hands dirty in NMIT's automotive workshops learning how cars and engines work and finding out about fault-finding and what automotive engineers do in their jobs. You'll have the opportunity to pull apart and reassemble car engines, change tyres and balance



Head to our website tradesacademy.ac.nz to read the personal accounts of our past graduates and students.

wheels, while learning about the location and function of vehicle systems and components.

Give it a go and see if Automotive Engineering is for you!



Key details

NCEA: Level 2 and 3

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm Thursday (Marlborough) or Friday (Nelson)

Provider: NMIT

Location: NMIT Nelson and Marlborough

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- ➔ Industry Employment/ Apprenticeships and Ito Training
- ➔ Tertiary Pre-Employment Training at NMIT in Level 3 Automotive Engineering
- ➔ University Studies:
 - Engineering
 - Energy and Fuel Research

* Available locally at NMIT

Employment opportunities

- Small Engine Mechanic
- Vehicle Groomer or Sales
- Automotive Dismantler
- Automotive Electrician
- Motorcycle Mechanic
- Brake Service Technician
- Powerboat Technician
- Fuel Injector Engineer
- Wheel Alignment Technician
- Hydraulic Engineer
- Marine Engineer
- Automotive Engineering (light, heavy, diesel, marine, road)

On completion of this course you will be able to:

- Identify emergency procedures in the motor and related industries.
- Identify the general locations and functions of motor vehicle systems and main components.
- Demonstrate knowledge of petrol and diesel engines.
- Disassemble and reassemble a single cylinder or multi-cylinder four stroke engine under supervision.
- Demonstrate knowledge of interchanging and balancing road wheels in the motor industry.
- Remove, replace, balance road wheels and replace vehicle lamps.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

Want to know more?

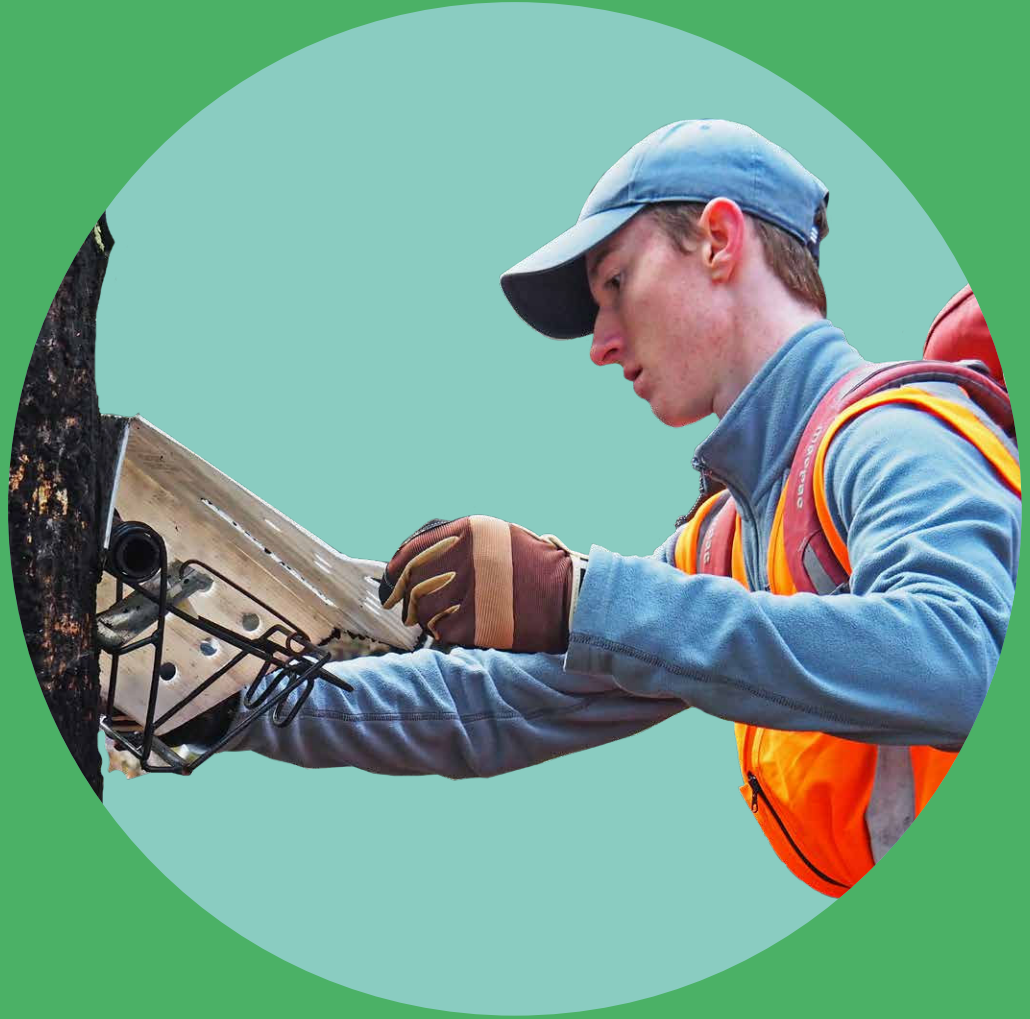
For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Environmental Sustainability



If you enjoy being outside, being active and learning in a hands-on, practical way, then come and join our efforts to protect New Zealand's unique biodiversity!

The Level 3 Environmental Sustainability programme will focus on bringing environmental sustainability, conservation practices and mātauranga Māori (Māori knowledge and wisdom) to life through a series of field-based, environmental activities.

The curriculum will be engaging, practical and delivered in a dynamic learning environment. It aims to give students a good background on environmental and conservation issues facing our modern society, with an emphasis placed on creating a positive connection to our natural world



Head to our website tradesacademy.ac.nz to read the personal accounts of our past graduates and students.

and therefore a desire to preserve it. Students will be exposed to ways they can reduce their impact and will have the opportunity to interact with groups who are doing some amazing work to preserve and restore our natural world.

Underpinning the curriculum is the development of crucial personal and social development skills transferable to any vocational pathway.



On completion you will be able to:

- Explain kaitiakitanga in terms of how Māori interact with te taiao.
- Explain the use of tikanga Māori as part of exercising kaitiakitanga.
- Plan, carry out and evaluate a local kaitiakitanga activity.
- Prepare for the trapping of rural pest animals.
- Set traps, and place baits and lures for rural pest animal control.

Key details

NCEA: Level 3

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: Term 1/2

Time: Time: 4 x four day block courses (includes overnight)

Provider: Whenua Iti Outdoors

Location: Whenua Iti Outdoors

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- ➔ New Zealand Certificate in Pest Operations – Urban Pest Control (Level 3)
- ➔ New Zealand Certificate in Conservation (Operations) (Level 4)*
- ➔ Kaitiaki Whenua Trainee Ranger*
- ➔ New Zealand Diploma in Environmental Management (Level 5)
- ➔ Bachelor of Environmental Management

* Available locally at NMIT

Employment opportunities

- Hunter/Trapper
- Pest Control Technician
- Park Ranger and Other Roles with the Department of Conservation (DoC)
- Biosecurity Officer
- Environmental Scientist

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Aquaculture & Marine Conservation



New for 2025

Whether you're aiming for a career on or around the water or are passionate about marine life, our course is your gateway to connecting to our moana.

This course will project you to a new level of understanding of our precious marine world. You'll learn about the different marine ecosystems, the animals that live in them and how to grow fish and shellfish in these challenging environments.

No two days will be the same. Some days you'll be on the water in the NMIT boats, others in a lab with a microscope. Discover the challenges our oceans

face and how marine conservation and restorative aquaculture can help.

Practical classes will take you out to see animals in their natural habitats. Learn to understand their biology and their needs to survive and thrive. You'll raise some of these animals in NMIT's world-class aquaculture rearing facilities and see the challenges and successes of growing them in a hatchery environment onsite at NMIT.

Studying in Nelson is the perfect training ground. Te Taihu, Top of the South Island, is home to over 400 blue economy businesses, which represent more than 30% of New Zealand's economic activity in fishing, aquaculture, and seafood processing. Enrol now and set sail towards a sea of opportunities!



Key details

NCEA: Level 2

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm
Fridays

Provider: NMIT

Location: NMIT Nelson

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- ➔ Sustainable Aquaculture (Level 3)
- ➔ Sustainable Aquaculture (Level 4)
- ➔ Bachelor of Aquaculture and Marine Conservation
- ➔ Postgraduate Diploma in Sustainable Aquaculture

Employment opportunities

- Aquaculture Technician
- Marine Technician (monitoring)
- Marine Ecologist
- Work with NIWA, MPI, Plant and Food, Cawthron, DoC etc
- Marine Ranger
- Government Agency Roles
- Aquaculture Farm Supervisor
- Hatchery and Breeding Manager
- Aquaculture Researcher
- Fish Hatchery Technician

On completion you will be able to:

- Demonstrate knowledge of the operation of a pleasure craft by day.
- Demonstrate knowledge of abandon ship procedures and sea survival techniques.
- Describe the location and history of salmon farms in New Zealand, the products produced and the market destinations.
- Identify the salmon species that are farmed in New Zealand and worldwide, their life-cycles and issues.
- Describe the biology of New Zealand greenshell mussels and explain factors impacting on their growth.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Green Pathways

Primary Industry Fundamentals



New for 2025

Unlock the secrets of the land and sea with NMIT's Primary Industries course.

Get stuck into a broad range of topics such as winemaking, apiculture, aquaculture and horticulture. This course promises an immersive exploration of vital industries, showcasing their diversity and significance within New Zealand's economy and ecosystem.

Whether you're captivated by the allure of winemaking, the symbiotic relationship between bees and nature, or the sustainable practices of aquaculture, our course provides a taste of what awaits in the dynamic realm of New Zealand's primary industries.

Through hands-on experiences, field trips and expert guidance, students will emerge equipped with the knowledge and experience to pursue pathways in these essential sectors.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz



Key details

NCEA: Level 2

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm
Fridays

Provider: NMIT

Location: NMIT Marlborough

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- ➔ NZ Certificate in Apiculture (Level 2 & Level 3 & Level 4)
- ➔ Sustainable Aquaculture (Level 3 & Level 4)
- ➔ Bachelor of Aquaculture & Marine Conservation
- ➔ Postgraduate Diploma in Sustainable Aquaculture
- ➔ Kaitiaki Whenua – Trainee Ranger
- ➔ NZ Certificate in Primary Industry Skills (Level 2)
- ➔ NZ Certificate in Horticulture (Level 3)
- ➔ NZ Certificate in Horticulture Production (Level 4)
- ➔ NZ Certificate in Primary Industry Skills (Level 2)
- ➔ NZ Diploma in Primary Industry Business Management (Level 5)
- ➔ NZ Certificate in Cellar Operations (Level 3 & Level 4)
- ➔ NZ Certificate in Winegrowing (Level 4)
- ➔ NZ Diploma in Horticulture Production (Winegrowing)
- ➔ Bachelor of Viticulture and Winemaking

Employment opportunities

- Sustainable Aquaculture Technician
- Horticulture Specialist
- Trainee Ranger (Kaitiaki Whenua)
- Viticulture and Winemaking Professional
- Aquaculture Researcher
- Marine Conservationist
- Primary Industry Business Manager
- Project Manager in Primary Industries
- Horticulture Skills Practitioner

On completion you will be able to:

- Describe the location and history of salmon farms in New Zealand, the products produced and the market destinations.
- Identify the salmon species that are farmed in New Zealand and worldwide, their life-cycles and associated challenges.
- Inspect and use horticultural harvesting equipment to harvest by hand.
- Perform proper handling and transportation of a horticultural crop to receiving containers.
- Describe alcoholic fermentation processes used in commercial wine cellar operations.
- Demonstrate preparation of fermentation tasks in a commercial wine cellar.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

Hospitality



Hospitality is a career full of opportunities. You could start out serving coffees, become a chef or restaurant manager and one day even end up running your own business.

This practical introduction to the industry will see you working in NMIT's state-of-the-art kitchen and restaurant training facility, Rata Room, where you'll be preparing, cooking and serving some of our region's finest produce.

You will develop knowledge and skills in various areas of hospitality, including cooking, café service, introductory barista (coffee making) and front-of house.



Head to our website
tradesacademy.ac.nz
 to read the personal
 accounts of our past
 graduates and students.



Key details

NCEA: Level 2

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm Fridays

Provider: NMIT

Location: NMIT Nelson

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- ➔ Industry Employment/ Apprenticeships and ITO Training
- ➔ Tertiary Pre-employment Training at Te Pūkenga NMIT in Culinary Arts, Food and Beverage Service
- ➔ NZ Certificate in Food and Beverage Service (Level 3)
- ➔ NZ Certificate in Cookery (Level 4)
- ➔ University Studies:
 - Food Nutrition
 - Food Technology

Employment opportunities

- Chef or Cook
- Baker
- Cruise Ships or Oil Rigs
- Caterer
- Hospitals
- Function Centres
- Pastry Chef
- Restaurants
- Rest Homes/ Hospitals
- Food and Beverage Manager
- Kitchen Assistant
- Short Order Cook
- Cafés, Bars and Hotels
- Food Development
- Restaurant Manager
- Super Yachts

On completion of this course you will be able to:

- Demonstrate safe food practices and methods in a commercial kitchen environment.
- Safely use and maintain knives.
- Prepare a range of food items and present a range of dishes for service.
- Prepare espresso beverages under supervision.
- Prepare and present a range of hot and cold non-alcoholic drinks.
- Provide table service in a café.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Salon Skills

Hair Design and Beauty Therapy



New for 2025

Take the first step into the glamorous world of the beauty and hairdressing industry and develop salon skills in a practical, real-world environment.

Working in the fully equipped training salon at NMIT you will explore beauty and hair trends, treatments and services and develop the skills needed to provide basic treatments to clients. With industry-experienced tutors guiding you, you'll be equipped with the knowledge and confidence to start making your mark in the beauty or hairdressing industry.

You will learn about:

- Skin care and health
- Customer service and retail
- Professional products
- Eyelash tinting
- Eyebrow shaping
- Hand, foot and nail care
- Hairstyling techniques
- Providing service and care to clients in a salon

This is a great opportunity to learn about a future in-demand career that will enable you to travel the world while working in the beauty, hairdressing, body and spa industry.



Key details

NCEA: Level 2

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm Thursdays

Provider: NMIT

Location: NMIT Marlborough

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- NZ Certificate in Hairdressing (Level 3)
- NZ Certificate in Hairdressing (Level 4)
- NZ Certificate in Beauty Therapy (Level 4)
- Diploma in Beauty Therapy (Level 5)

Employment opportunities

- Trainee Beautician
- Make-up Artist
- Massage Therapist
- Beauty Sales Representative
- Business Owner
- Image Consultant
- Health Resort Employee
- Industry Assessor/Tutor
- Make-up for TV/Movie Industry/Fashion/Events

On completion of this course you will be able to:

- Protect the client for hairdressing services in a salon environment.
- Assist an operator in a salon environment.
- Demonstrate knowledge of the client journey in the salon.
- Converse and interact with clients and operators in a salon environment.
- Provide client service and care and assist the operator to prepare for service in a beauty salon or clinic.
- Describe key concepts and maintain personal presentation for a beauty salon or clinic.
- Demonstrate knowledge of current fashion trends and history-related to beauty therapy.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Beauty



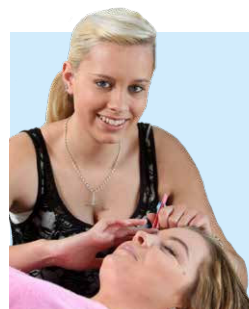
Take the first step into the exciting world of the beauty industry and develop beauty skills in a practical and real world environment.

Working in the fully equipped training salon at NMIT you will explore beauty trends, treatments and services and have the opportunity to develop the skills needed to provide basic treatments to clients.

You will learn about:

- Skin health
- Customer service and retail
- Professional products
- Tinting
- Eyebrow shaping
- Hand, foot and nail care

This is a great opportunity to learn about a future career that will enable you to travel the world while working in the beauty, body and spa industry.



Head to our website
tradesacademy.ac.nz
 to read the personal
 accounts of our past
 graduates and students.



Key details

NCEA: Level 2

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm Fridays

Provider: NMIT

Location: NMIT Nelson

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- ➔ Tertiary Pre-employment Training
- ➔ NZ Certificate in Beauty Therapy Level 4
- ➔ NZ Diploma in Beauty Therapy Level 5
- ↓
- Qualified Beauty Therapist

Employment opportunities

- Trainee Beautician
- Make-up Artist
- Massage Therapist
- Beauty Sales Representative
- Business Owner
- Image Consultant
- Health Resort Employee
- Industry Assessor/Tutor
- Make-up for TV/Movie Industry/ Fashion/Events

On completion of this course you will be able to:

- Demonstrate knowledge of the client journey in a salon.
- Provide client service and care and assist the operator to prepare for service in a beauty salon or clinic.
- Describe key concepts related to personal hygiene and presentation and maintain personal presentation and a positive image for a commercial beauty salon.
- Demonstrate knowledge of current fashion trends and analyse their influence on performing beauty therapy service.
- Demonstrate knowledge of significant milestones in the history of beauty therapy services and related products.
- Describe the relevance of anatomy and physiology knowledge to performing facial treatments and massage treatments.
- Maintain the cleanliness and level of supplies in the beauty salon.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Hairdressing



Take the first step into the exciting world of the hair industry.

Working in a fully-equipped training salon at Te Pūkenga NMIT you will learn to:

- Develop a range of elementary hairstyling skills, including presenting fashion competition work
- Develop skills to support a stylist within the salon
- Provide service and care to clients in a salon
- Understand and document a client's journey within the salon environment
- Understand fashion trends to be able to present a personal fashion image



Head to our website tradesacademy.ac.nz to read the personal accounts of our past graduates and students.

This is a practical introduction to a career that never goes out of fashion!

During this programme you will work toward credits in the NZ Certificate in Salon Services Level 2.



Key details

NCEA: Level 2

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm Fridays

Provider: NMIT

Location: NMIT Nelson

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

→ Tertiary Pre-employment Training

→ Level 3 Certificate in Hairdressing (Salon Support)



Level 4 Certificate in Hairdressing (Emerging Stylist)

Employment opportunities

- Trainee Hairdresser
- Film/Theatre/TV
- Cruise Ships
- Image Consultant
- Senior Hair Stylist
- Salon Receptionist
- Self-Employed/Own Business
- Colour Technician/Hair Colourist

On completion of this course you will be able to:

- Demonstrate knowledge of the client journey in a salon.
- Present a personal fashion image for work in a hairdressing salon environment.
- Prepare and protect the client for hairdressing services.
- Identify a salon operator's resource requirements for the day; and maintain the operator's schedule or work and resources throughout the day.
- Maintain the cleanliness, the tidiness of reception and client areas, the level of supplies, and the laundry for a salon.
- Give information to clients and respond to enquiries in a specified workplace.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Sport and Exercise



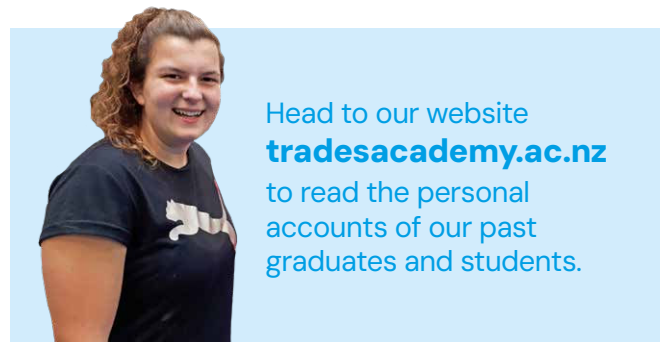
If you are into sport and exercise and want to know more about how your body responds and adapts to exercise, then this is the programme for you.

Find out how your body reacts to training and what things you should be including in your training to improve your sports performance and fitness.

Have a look at some of the common training tools, fitness methods and models and apply these to yourself and others. Train in a different environment with up-to-date instructors and get a feel for the other

options you could go on to study to be able to work in the sport, health and fitness industry.

The Sport and Exercise programme gives you a practical opportunity to develop your own sports training and fitness; while exploring the wide career opportunities in the fitness, sport and recreation sector.



Head to our website tradesacademy.ac.nz to read the personal accounts of our past graduates and students.



Key details

NCEA: Level 2

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm Fridays

Provider: NMIT

Location: NMIT Nelson

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- Tertiary pre-employment training that includes the NZ Diploma in Sport
- Recreation and Exercise (Level 5 and Level 6) and Bachelor of Sport and Recreation at NMIT
- University Studies:
 - Health Sciences
 - Physical Education

Employment opportunities

- Sports Trainer
- Health Sector Teaching
- Personal Trainer
- Coach
- Business Owner

On completion of this course you will be able to:

- Develop knowledge and skills and the correct technique related to the use of gym equipment.
- Demonstrate knowledge of macro and micro nutrients and nutritional imbalances.
- Manage personal physical fitness with guidance.
- Explain the purpose and structure of a fitness enterprise.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Adventure Tourism Leadership



Some of the very best learning in life comes through challenging your personal boundaries and training to work well in difficult situations.

Get outdoors, get active and have fun while you learn a wide range of outdoor skills. At the same time the Adventure Tourism Leadership programme allows you to develop your personal leadership style, enhance your communication skills, and determine your contribution to creating a high functioning team.

These personal and social skills are not only critical in today's world of work they are transferable to any career path you choose to take. During the Level 2

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

course you will experience mountain biking, caving, sea kayaking, rock climbing and camping, and in so doing, gain valuable credits at NCEA Level 2.

The Level 3 course builds on existing outdoor skills allowing students to become more confident and skilled in different outdoor environments and wilderness emergency response situations.



Key details

NCEA: Level 2 and 3 options

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: 2 Intakes per year.
Dates TBC

Time: Time: 4 x four day block courses (includes overnight)

Provider: Whenua Iti Outdoors

Location: Whenua Iti Outdoors

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

- Trades Academy Training
- Diploma in Adventure Tourism*
 - Health Science (Paramedicine)
 - Royal New Zealand Police College
 - Diploma in Applied Fitness Bachelor in Sport and Recreation*
 - New Zealand Armed Forces Training

* Available locally through NMIT
NB - these are indicative career paths only. The leadership, technical and social skills focused on as a part of this Trades Academy option can complement many other career pathways.

Employment opportunities

- New Zealand Army, Navy or Air Force
- New Zealand Police Force
- Outdoor Physical Education Teacher
- Outdoor Instructor
- Paramedic, Search and Rescue Emergency Management
- Adventure Tourism Guide

On completion of this course you will be able to:

Level 2

- Demonstrate safe practices for participation in high ropes course activities.
- Demonstrate basic knowledge of safe abseil techniques.
- Demonstrate rock climbing skills on at least three Ewbank Grade 12 and above climbs.
- Demonstrate paddling skills and basic safety skills and rescues for paddling on moving water.
- Communicate in a team or group which has an objective.
- Demonstrate basic caving skills.
- Demonstrate knowledge of preparation for an outdoor activity.
- Demonstrate riding skills for mountain biking on grade 2 terrain.
- Set up and undertake basic maintenance of a mountain or cycle touring bike.

Level 3

- Prepare for, participate in and evaluate an outdoor experience as a member of a group.
- Demonstrate knowledge of weather patterns, survival skills and navigation in the outdoors.

Uniformed Services (Level 2) and Adventure Tourism Leadership (Level 2) provide pathways onto this Level 3 programme. Students with equivalent experience in the outdoors can also be accepted onto the Level 3 course.

Adventure Skills Development and Kaitiaki Leadership



Looking for something more? Whenua Iti offers two unique Level 3 residential programmes in the later part of the year.

Connect to nature while developing your outdoor adventure skills in our local national parks, learning about conservation and biodiversity management to protect these taonga.

These 9 day residential programmes offer Level 3 credits and give students the opportunity to extend their skills and passions through focused and challenging programmes in the outdoors. If you're looking for a challenge in the outdoors and want to follow your environmental passion, these programmes may be for you.

➔ Adventure Skills Development Level 3:

The Adventure Skills Development Level 3 course is a multi-activity, residential, adventure training programme, where students have the opportunity to explore the wilderness of Te Taihu (Top of the South Island) – a perfect multi-adventure platform to build up outdoors expertise, skills and confidence. The programme will include 3 x 3-day expeditions, each with a different focus or activity. Activities may include a mixture of any of the following: sea-kayaking, tramping, rock climbing or caving. Specific activities will be determined closer to the time and may vary depending on the time of year and weather conditions. The course will provide students with skills in bush survival, navigation and cooking in the outdoors.

Students will have the opportunity to complete 15 credits at Level 3.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz



Key details

NCEA: Level 3

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: October school holidays and/or beginning of Term 4 – TBC

Time: 9 days/8 nights

Provider: Whenua Iti Outdoors

Location: Abel Tasman and Kahurangi National Parks

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

- Trades Academy Training**
- Diploma in Adventure Tourism (NMIT)
 - Diploma in Applied Fitness Bachelor in Sport and Recreation*
 - Kaitiaki Whenua Trainee Ranger*
 - New Zealand Diploma in Environmental Management (Level 5)
- Bachelor of Environmental Management**

Employment opportunities

- Outdoor Physical Education Teacher
- Outdoor Instructor
- Paramedic, Search and Rescue Emergency Management
- Adventure Tourism Guide
- Park Ranger and Other Roles with the Department of Conservation
- Biosecurity Officer
- Environmental Scientist

→ Kaitiaki Leadership Level 3:

The Kaitiaki Leadership Programme will build adventure skills and conservation knowledge, from both Western and te āo Māori perspectives, across 9 days of multi-activity expeditions. A focus of this programme will be on conservation and kaitiakitanga, including predator trapping and control. Activities will include the opportunity to contribute to existing conservation projects which allow students to develop an understanding of environmental management practices and the technical and personal skills required to effectively participate in field-based environmental programmes. Students will explore the wilderness of Te Taihu – Top of the South Island, a perfect platform to build up conservation awareness and an understanding of kaitiakitanga principles in environmental management of these sites.*

Students will have the opportunity to complete 13 credits at Level 3.

As these courses require students to operate in the outdoors at a high level, it is recommended that students are reasonably independent in their approach to learning, have an ability to self-manage and have a high level of interest in the outdoors and conservation.

On completion of this course you will be able to:

- Prepare and use traps to control rural pest animals
- Contribute within a team or group which has an objective
- Prepare for, participate in, and evaluate an outdoor experience as a member of a group

* Please note: specific activities can vary depending on the time of year and weather conditions.

Manaaki Tāpoi Cultural Tourism



Manaaki Tāpoi explores and celebrates the importance of Cultural Tourism within NZ and builds a deeper understanding of Te Āo Māori.

Take a journey through the cultural history of Te Tau Ihu o Te Waka a Maui (the Top of the South). Learn from expert tutors and kaumatua, visit and stay on marae across the region and interact with Māori business leaders of the region.

This programme is designed to be experiential and active whilst embedding and reinforcing pride in Aotearoa's cultural heritage. You will learn the importance of strong connections to Te Ao Māori and the value these connections can bring to a wide range of career paths.

Manaaki Tāpoi (Introduction) at Level 2 focuses on whanaungatanga, kaitiakitanga, serving of kai and te reo greetings and farewells used in tourism. On completion of Manaaki Tāpoi (Introduction), students can pathway

onto the Manaaki Tāpoi (Advanced) programme at Level 3. This course focuses on kaitiaki practices in Māori Tourism and the history of natural attractions and significant sites in our region.

Students who complete Manaaki Tāpoi Level 2 or Level 3 may be invited to enrol in the Manaaki Tāpoi Level 3 Extension programme. This programme builds on previous skills and experience. Taura will interpret aspects of their culture and model tikanga whilst participating in noho marae and in workplace and school settings. Learning will focus on the effective and appropriate interpretation of key elements of the Māori culture through the facilitation and delivery of workshops.

This is a unique programme option within New Zealand.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz



Key details

NCEA: Level 2 and Level 3 options

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: Term 1/2. Dates TBC

Time: 4 x four day block courses (includes overnight)

Provider: Whenua Iti Outdoors

Location: Whenua Iti Outdoors

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- ➔ Certificate or Diploma in Adventure Tourism (NMIT)
- ➔ Certificate in Cultural Tourism – Sir George Seymour College
- ➔ Diploma in Tourism Management – Waiariki Institute of Technology
- ➔ NZ Certificate in Tourism Māori Level 3

Employment opportunities

- Tourism Guide
- Teacher
- Cultural Interpretation Specialists
- Māori and Indigenous Culture Studies
- Employment with Prominent Māori Businesses and Iwi Trusts

On completion of this course you will be able to:

Level 2

- Explain kaitiakitanga in terms of how Māori interact with te taiao.
- Explain the use of tikanga Māori as part of exercising kaitiakitanga.
- Describe whanaungatanga in relation to the way Māori interact with the natural world.
- Describe whanaungatanga in relation to a local Māori environmental management system.
- Prepare wharekai for service, as part of a team, in accordance with kawa and tikanga.
- Serve kai, as part of a team, in accordance with kawa and tikanga.
- Clear tables, as part of a team, in accordance with kawa and tikanga.
- Clear wharakai after service, as part of team, in accordance with kawa and tikanga.
- Explain the importance of Māori place names in tourism.
- Present a short mihi and poroporoaki in te reo Māori with local tikanga.

Level 3

- Explain kaitiaki practices in a Tourism Māori context.
- Participate in a noho marae.
- Apply marae tikanga in the workplace.
- Identify and explain the cultural significance of natural attractions in tourism Māori.
- Identify and explain the cultural significance of man-made attractions in tourism Māori.
- Contribute within a team or group which has an objective.

Uniformed Services



If you want to pursue an active and exciting career path in the uniformed services but are not quite sure which service, then this is an ideal opportunity to try them out.

Paramedics, Police, Fire Services, Search and Rescue and Defence – these uniformed services all offer varied and exciting career opportunities.

You will have the opportunity to experience a



Head to our website tradesacademy.ac.nz to read the personal accounts of our past graduates and students.

simulated search and rescue exercise, emergency survival skills and find out what it is really like to be a paramedic, police officer, a firefighter or in the defence forces. Learning is practical, active and engaging – this is a fun way to take a big step towards achieving NCEA Level 2 while gaining your basic first aid certificate and also refining your career path.



Key details

NCEA: Level 2

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: 2 Intakes per year.
Dates TBC

Time: 4 x four day block courses (includes overnight)

Provider: Whenua Iti Outdoors

Location: Whenua Iti Outdoors

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- ➔ New Zealand Police College
- ➔ Bachelor of Health Science In Paramedicine
- ➔ New Zealand Fire Service Training
- ➔ New Zealand Defence Forces

Employment opportunities

- Defence career options with NZ Army, NZ Airforce and NZ Navy
- New Zealand Land Search and Rescue Inc.
- Paramedic
- Emergency Management

On completion of this course you will be able to:

- Provide basic life support and first aid.
- Manage first aid in an emergency situation.
- Demonstrate knowledge of general purpose knots and lines.
- Use general purpose knots and lines in an emergency situation.
- Demonstrate knowledge of the role and functions of Civil Defence general rescue at ground level.
- Identify safety equipment, safety precautions and hazards in general rescue situations at ground level.
- Plan and carry out searches to locate simulated casualties within a specified area at ground level.
- Move casualties to safe locations.
- Demonstrate safe practices for participation in high ropes course activities.
- Plan, conduct and review an informal interview.
- Communicate in the outdoors using two-way radio.
- Communicate in a team or group which has an objective.

This programme pathways to Adventure Tourism Leadership (Level 3).

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Artificial Intelligence



New for 2025

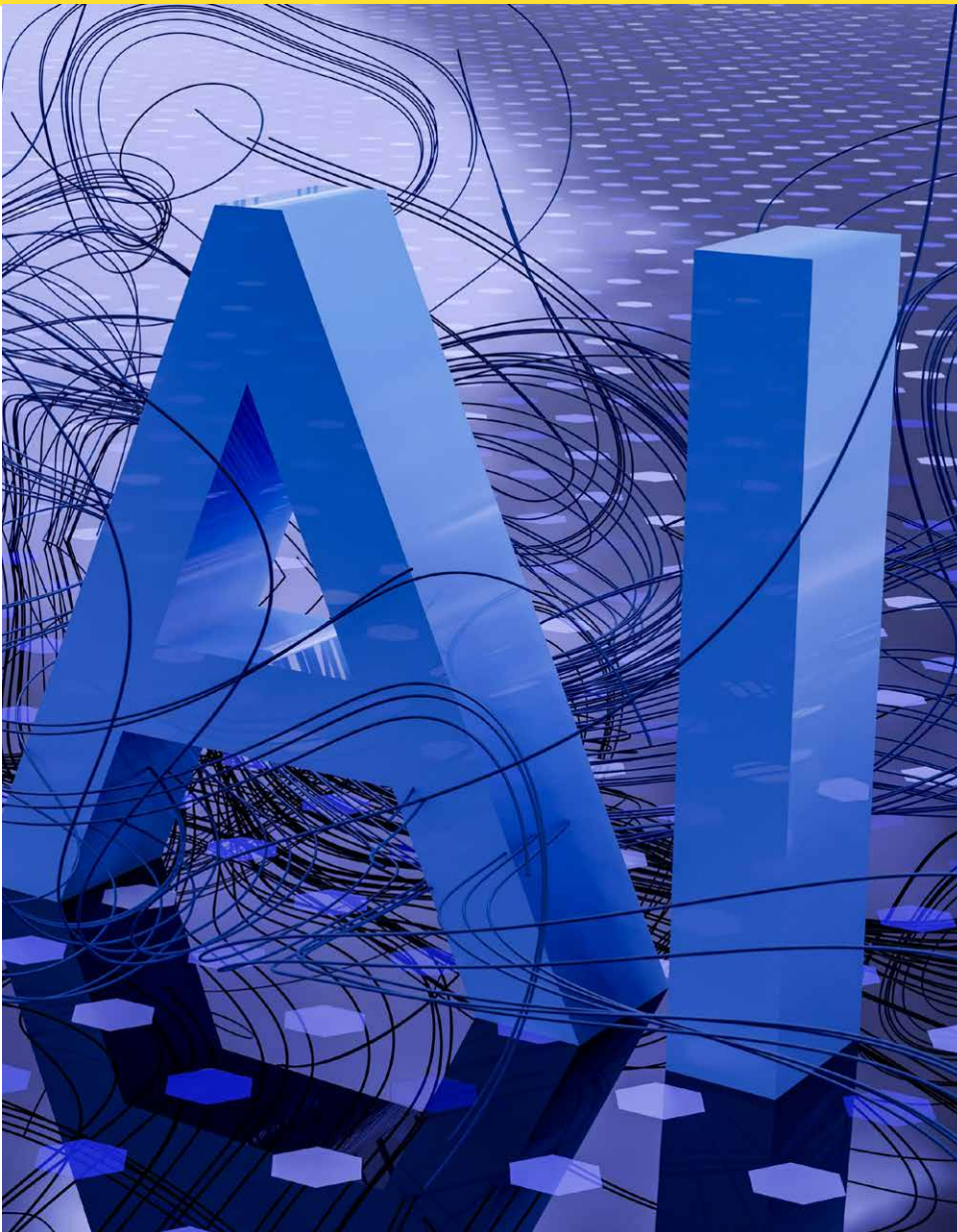
Ignite your passion for technology and connect to the exciting world of AI! In this hands-on course, you'll learn how to leverage AI to develop responsive web applications for desktop and mobile devices.

Get ready to supercharge your love for tech with our awesome hands-on lessons! We'll be using AI prompt engineering to boost your programming skills like never before.

Gain the skills to develop responsive web applications for both desktop and mobile devices and become an expert in advanced techniques to distinguish yourself

in the modern era of technology. This course will provide you with access to endless possibilities in the continuously changing technology sector.

You'll also get to make the most of NMIT's relationships with local and global industry partners such as Shuttlerock and SnapIT and visit local companies to see what a career in IT is all about in the real world!



Key details

NCEA: Level 2

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm Fridays

Provider: NMIT

Location: NMIT Nelson

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- NZ Certificate in Information Technology (Level 5)
- Diploma in Web Development and Design
- Diploma in Information Technology Technical Support
- Graduate Diploma in Information Technology
- Bachelor of Information Technology
- Diploma in Animation (Level 5 & Level 6)
- Bachelor of Computer Generated Imagery (CGI)

Employment opportunities

- Software Developer
- Network Administrator
- Database Administrator
- AI Prompt Engineer
- IT Support Specialist
- Systems Analyst
- Web Developer
- Cybersecurity Analyst
- IT Project Manager
- Machine Learning Engineer
- Data Scientist

On completion of this course you will be able to:

- Create basic AI command sequences in procedural programming languages.
- Develop AI prompts to solve problems.
- Design AI prompts for specific, scenario-based applications.
- Integrate AI prompts into broader software development projects.
- Apply AI Prompt Engineering skills across various fields such as software development, design, and more, to enhance creativity and productivity in professional tasks.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Arts and Design



Have you got a passion for arts and design? How about exploring creativity in a practical and fun way.

You will get to spend time working in the NMIT Art and Design studios, experimenting with different materials, processes and techniques. Begin your artistic journey by gaining a range of skills in clay making, Photoshop, digital photography and printmaking.

This course is taught in NMIT's purpose-built, award-winning arts and media facility where all



Head to our website tradesacademy.ac.nz to read the personal accounts of our past graduates and students.

creative students come together under one roof. NMIT has the most up-to-date technologies at hand to get you started in your creative career and will provide the support and expertise to help you develop your artistic passion!



Key details

NCEA: Level 2 and 3

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm Fridays

Provider: NMIT

Location: NMIT Nelson

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- New Zealand Certificate in Study and Career Preparation (Level 4) - Art and Design
- Diploma in Arts and Design (Level 5)
- Diploma in Arts and Design (Level 6)
- Bachelor of Computer-Generated Imagery (CGI)
- Bachelor of Arts, Media and Design

Employment opportunities

- Graphic Designer
- Printmaker
- Marketing and Promotion
- Illustrator
- Social Media Manager
- Photographer
- Teacher
- Fashion Designer
- Videographer
- Interior Designer
- Architect
- Art Director
- Jeweller
- Media Producer
- Journalist
- Animator/Digital Artist
- Florist

On completion of this course you will be able to:

- Demonstrate an understanding of methods and ideas from established practice appropriate to design.
- Demonstrate an understanding of methods and ideas from established practice appropriate to printmaking.
- Use drawing to demonstrate understanding of conventions appropriate to printmaking.
- Demonstrate an understanding of methods and ideas from established practice appropriate to photography.
- Use drawing to demonstrate understanding of conventions appropriate to photography.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Gamification



Do you want to be responsible for the concept art in films, video games and advertising? Create the future, and your own on this practical and fun course.

Get a taste of what it would be like to work in the gaming industry! Spend time in NMIT's CGI (Computer Generated Imagery) and animation lab.

This is an exciting opportunity to use industry software applications to create characters in a gaming

environment. You will learn how to create matte art and sci-fi concept art landscapes and how to create low-poly models.

This course is centered on the world of concept art, game art and design with the emphasis placed on these creative aspects rather than on coding.

Gain experience with different digital tools, industry processes and techniques.



Head to our website
tradesacademy.ac.nz

to read the personal accounts of
our past graduates and students.



Key details

NCEA: Level 2 and 3

Refer to the resources page of our website tradesacademy.ac.nz/resources/ for more details

Starts: February 2025

Time: 9am to 2.30pm Fridays

Provider: NMIT

Location: NMIT Nelson

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.

Training pathways

Trades Academy Training

- ➔ New Zealand Certificate in Study and Career Preparation (Level 4) - Art and Design
- ➔ Bachelor of Computer-Generated Imagery (CGI)
- ➔ Bachelor of Arts, Media and Design
- ➔ Diploma in Animation (Level 5)
- ➔ Diploma in Animation (Level 6)

Employment opportunities

- 3D Animator/Digital Artist
- Game Artist
- Game Designer
- Film/VFX
- Environment Modeler
- Technical Director
- Modeler
- 3DTracker/Match Mover
- Digital/Matte Painter
- Surfacing/Texture Painter
- Illustrator
- Teacher
- Art Director

On completion of this course you will be able to:

- Demonstrate understanding of methods and ideas from established practice appropriate to design.
- Use drawing to demonstrate an understanding of conventions appropriate to design and to sculpture.
- Develop ideas in a related series of drawings appropriate to established design practice.
- Use drawing methods to apply knowledge of conventions appropriate to design.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

This programme is subject to approval from NMIT.

Want to know more?

For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.



Scan the QR code to head to our website

tradesacademy.ac.nz

Travel Maps

Wider Area Routes

Estimated departure times for the Top of the South Trades Academy travel routes. Please be at your pick-up point 10 minutes before the times listed.

Note: All Blenheim based Trades Academy Students need to get themselves to the Marlborough Girls College Transport Hub.* Please talk with your school Trades Academy coordinator if clarification is needed.

Wider Area Routes

No.	Route	Day	Departure	Return Departure
1	Rai Valley Area School ↔ NMIT Nelson	Friday's	8.00am	2.35pm
2	Motueka High School ↔ NMIT Nelson	Friday's	7.45am	2.35pm
3	Tapawera Area School ↔ NMIT Nelson	Friday's	7.20am	2.35pm
4	Queen Charlotte College ↔ NMIT Nelson	Friday's	6.30am	2.35pm
5	NMIT Nelson ↔ Woodbourne Airbase	Friday's	7.00am	2.00pm
6	Marlborough Girls' College Transport Hub* <small>Includes Marlborough Boy's College and Richmond View School students</small>	Friday's	7.00am	2.30pm
7	Golden Bay High School ↔ NMIT Nelson	TBC	am	pm
8	Collingwood Area School ↔ NMIT Nelson	TBC	am	pm
9	Murchison Area School ↔ NMIT Nelson	Friday's	6.55am	2.35pm



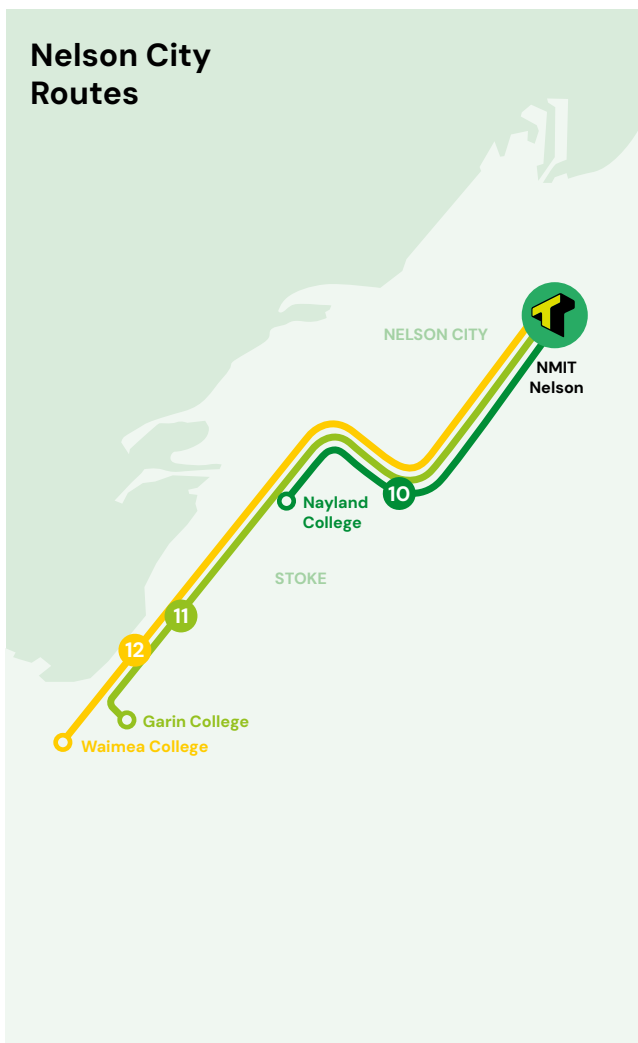
Nelson City Routes

No.	Route	Day	Departure	Return Departure
10	Nayland College ⇌ NMIT Nelson	Friday's	8:30am	2.35pm
11	Garin College ⇌ NMIT Nelson	Friday's	8:30am	2.35pm
12	Waimea College ⇌ NMIT Nelson	Friday's	8:30am	2.35pm

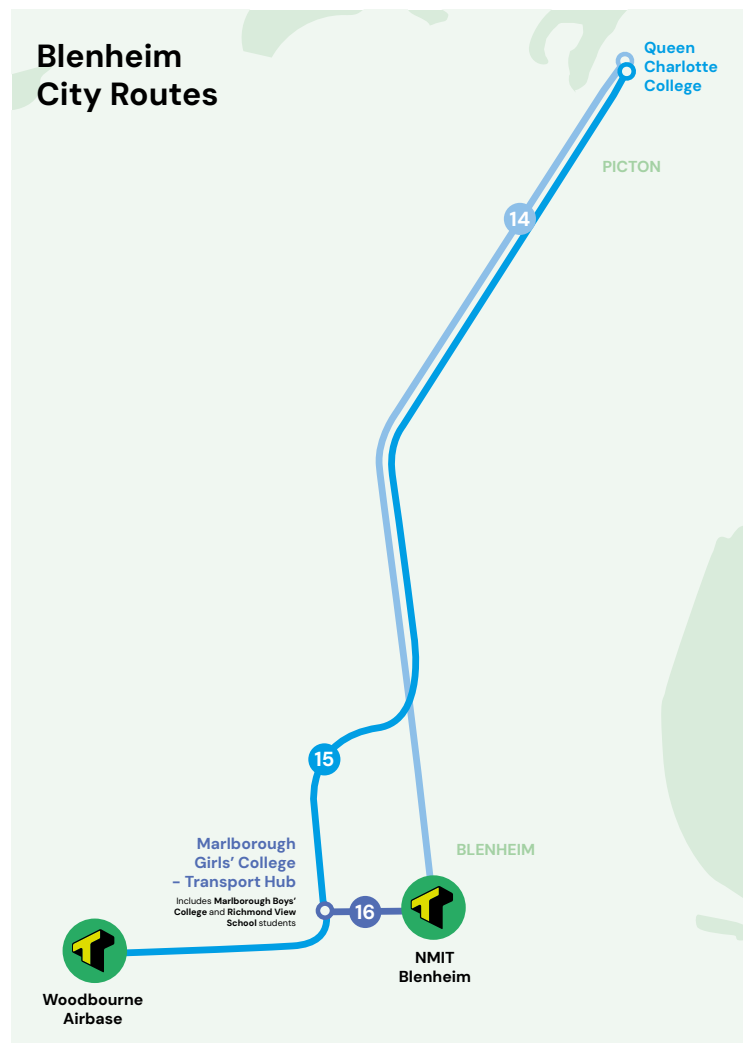
Blenheim City Routes

14	Queen Charlotte College ⇌ NMIT Blenheim	Thursday's	8.15am	2.30pm
15	Queen Charlotte College ⇌ Marlborough Girls' College Transport Hub* ⇌ Woodbourne Airbase	Friday's	Queen Charlotte College 8.10am	2.00pm
			Marlborough Girls' College transport hub* 8.40am	
16	Marlborough Girls' College Transport Hub* ⇌ NMIT Blenheim <small>Includes Marlborough Boy's College and Richmond View School students</small>	Thursday's	8.40am	2.30pm

Nelson City Routes



Blenheim City Routes







**So what would you like
your 2025 to look like?**

**Is the Top of the South
Trades Academy the
place for you? If so...**

**It's so easy
to apply!**



Firstly speak with your Trades Academy coordinator at your school for guidance about the programmes available.




Secondly go to our website tradesacademy.ac.nz to find our online enrolment form and apply. Check what information you need prior to starting the application.



You will receive an email saying you have applied and are now awaiting confirmation of a funded place.

office@tradesacademy.ac.nz

 Find us on Facebook

tradesacademy.ac.nz



**Top of the South
Trades Academy**

PARTNERSHIP IN EDUCATION

