



# Bay of Plenty FUTURES ACADEMY



TRY A TRADE  
WHILE AT  
HIGH SCHOOL

2025  
programme guide



A TRADES ACADEMY

# KURA, SCHOOLS & TRAINING PROVIDERS

## EBOP HUB

Edgecumbe College  
Kawerau Teen Parent Education Centre  
Ōpōtiki College  
Rangiatēa (Whakatāne School for Young Parents)  
Tarawera High School  
Te Kura Mana Māori o Whangaparaoa  
Te Kura Māori-Ā-Rohe o Waiohau  
Te Kura Kaupapa Māori O Te Orini ki Ngāti Awa  
Te Kura o Te Whānau a Apanui  
Te Wharekura o Ruatoki  
Trident High School  
Whakatāne High School

### Providers

ETCO  
Hair to Train  
Ōpōtiki College  
Tarawera College  
Te Wānanga o Aotearoa Toi Ohomai  
Trident High School  
Whakatāne High School  
Woodwise / Timber Trades Training

## WBOP HUB

Aquinas College  
Bethlehem College  
Katikati College  
Mount Maunganui College  
Ōtūmoetai College  
Papamoa College  
Tauranga Boys' College  
Tauranga Girls' College  
Te Puke High School  
Te Kura Kaupapa Māori o Te Kura Kōkiri  
Te Wharekura o Mauao

### Providers

Dive Zone  
Employ NZ  
ETCO  
Hair to Train  
Toi Ohomai  
Woodwise / Timber Trades Training

## TAUPŌ HUB

Tauhara College  
Taupō-nui-a-Tia College  
Te Kura Kaupapa Māori o Whakarewa i te Reo ki Tūwharetoa  
Te Kura o Hirangi  
Tongariro School

### Providers

ETCO  
Hair to Train  
Te Wānanga o Aotearoa Toi Ohomai

## SOUTH WAIKATO HUB

Te Kura Kaupapa Māori o Te Hīringa  
Te Wharekura o Te Kaokaoroa o Pātetere  
Tokoroa High School

### Providers

TETCO  
Te Wānanga o Aotearoa Toi Ohomai

## ROTORUA HUB

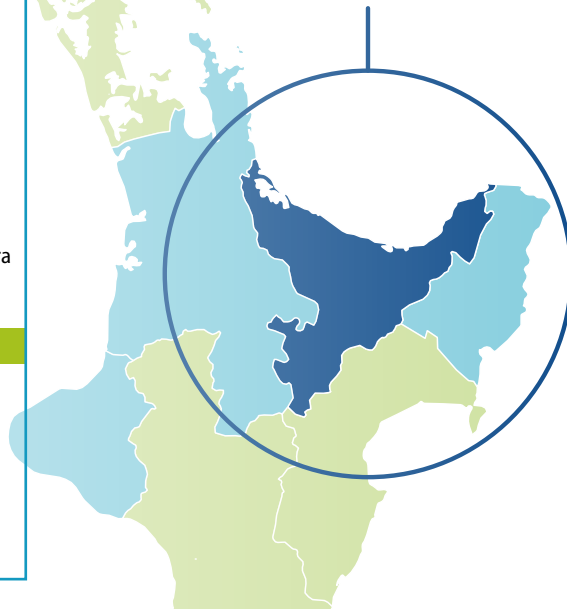
John Paul College  
Murupara Area School  
Reporoa College  
Rotorua Girls' High School  
Rotorua Lakes High School  
Te Āhuru Mōwai (Rotorua School for Young Parents)  
Te Kura Kaupapa Māori o Hurungaterangi  
Te Wharekura o Ngāti Rongomai  
Te Kura Kaupapa Māori o Ruamātā  
Te Kura o Te Koutu  
Western Heights High School

### Providers

Hair to Train  
Patchell Engineering  
Rotorua Girls' High School  
Te Wānanga o Aotearoa Toi Ohomai  
Woodwise / Timber Trades Training

**Any state funded school in the Bay of Plenty can join the Futures Academy by contacting the manager.**

## Bay of Plenty Region



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# WELCOME | KIA ORA TĀTOU

## THE FUTURES ACADEMY IS PROUD TO OFFER STUDENTS TRADES TRAINING ACROSS THE BAY OF PLENTY

### FUTURE-FOCUSED

The Bay of Plenty Futures Academy has been empowering high school students' education since 2009. Our focus is to provide innovative, 21st Century, trades training that aligns with particular workforce needs across the Bay of Plenty helping to equip our future workforce.

Our programme offers students the experience of hands-on, work relevant, learning that provides a strengthened pathway to apprenticeships, employment, or further trades training not generally offered within secondary schools.

Ākonga/ students can earn significant credits towards National Certificate of Educational Achievement (NCEA) Levels 2 and 3, and many courses also count towards tertiary credits, certificates, and qualifications.

### THE FUTURES ACADEMY OPTION

Senior students at schools and kura throughout the Bay of Plenty can apply to the Futures Academy for the option to combine their school learning with meaningful trades training offered by one of our training partners. This programme is funded through the MoE, so it is a free study option for students to develop trades skills and knowledge that support their pathway of interest.

Applications for Futures Academy courses are approved firstly by the students' school Careers Advisors and course acceptance is made by the training partner.

### THE FUTURES ACADEMY ADVANTAGE

Students enrolled in the Futures Academy not only gain NCEA credits they can also:

- gain confidence, skills and experience that employer's value.
- participate in industry visits and field trips.
- try tertiary education, for free, while at school.
- gain stronger pathways into apprenticeships and employment.
- secure a strong pathway into further trades training, study and qualifications.
- some courses also provide work-based training.





# WHAT IS TRADES TRAINING FOR THE 21ST CENTURY?

## SKILLS FOR THE FUTURE

Traditionally, learning a trade has been defined as learning a skill that involves working with your hands. However, the trades sector has evolved in the 21st century to include a variety of innovative, highly specialised industries, like technology, design, and engineering.

## WHY LEARN A TRADE IN HIGH SCHOOL?

### BUILD FOR THE FUTURE

Students who try a trade while in high school increase their chances of discovering their strengths and passions and can then take early steps to focus their learning on the related skills and knowledge.

The Futures Academy allows students to pursue an area of interest, through hands-on learning, while also earning the credits they need for passing their year level.

Having trades professionals training students in high school can help students to gain a better understanding of the world of work, gain skills and confidences in an industry they are passionate about, and enable them to make connections within the industry that can lead students to job offers, and/or opportunities for apprenticeships.

Having skilled trades learning as part of high school gives students more opportunities to learn, understand and plan for their future, by allowing students to:

- Pivot their NCEA learning towards hands-on, skills based, trades employment.
- Gain work related experience, confidence, and connections
- Gain transferable skills for employment and life.
- Make pivotal connections that can lead to further apprenticeships, employment, or training opportunities.



## YOUR FUTURE STARTS HERE



# VOCATIONAL PATHWAYS

## PATHWAYS ARE THE WHY FOR EDUCATION

Pathways are about supporting successful transitions for all ākonga/ students into further education, training, employment and life. Pathways are:

- about who ākonga/ students are and want to be, as well as what they want to do.
- lifelong, with multiple transitions involving paid and unpaid work, formal and informal learning, and life events.
- not linear.

Everyone is on a pathway, and should be the Why of each students' educational experience.



Vocational  
Pathways



**OHU AHUMAH**  
Workforce  
Development  
Councils

### Primary Industries - Ahumahi Matua

The Primary Industries is all about the food and fibre sector.

Jobs in the food and fibre sector involve hands on work growing and harvesting plants, crops and animals that help feed us and the world. There are many jobs in the farming, horticulture, fisheries, forestry and connected industries that have opportunities for school leavers and for those with an interest in moving into this sector.



*"What I enjoy about my current situation is the independence I have and the ability to make decisions."*

### Service Industries - Ahumahi Ratonga

If you're a people person, this could be the Pathway for you. This diverse industry employs a third of Aotearoa New Zealand's workforce. Experience in the services industry can help you become a business owner, to take you around the world, and to give you transferable skills to help you progress in a variety of careers in this and other sectors.



*"I love being in a team environment and having customers leave with a smile."*

### Creative Industries - Ahumahi Auaha

If you're the creative, artistic or sporty type, or have an interest in culture, recreation or digital technology, this could be the Pathway for you. The Creative Industries is a diverse sector full of interesting and exciting opportunities in visual and performing arts, design, digital technologies, the film industry, game development, fashion and beauty, events, and so much more.



*"I am motivated by the desire to achieve, not by the desire to beat others. I love making something from nothing."*

## Social and community services - Ratonga Pāpori, Ratonga Hapori

If you're a people person this could be the Pathway for you. Careers in this Pathway are all about supporting the community and caring for people in need.

This Pathway includes health, care and disability services, social services, youth services, beauty and nail services, education and education support services, funeral services, civil defence, fire and emergency services, public order safety and urban pest management. All are essential for the well-being and safety of our citizens and careers in them can be truly rewarding.



*"I'm making a difference for future New Zealanders."*

## Construction and Infrastructure - Te Mahi Hanga me te Pūtoi Hanganga

If you like working with others, having different tasks every day, and learning by doing stuff yourself, then construction and infrastructure might be perfect for you. Work in this incredibly important industry is varied, rewarding and often physically active. You can take pride in playing your part to build, repair and maintain Aotearoa New Zealand from below the ground up.



*"I love putting things together and creating. All I ever wanted to do was be involved in building. I get a great mix of onsite activity, being with people, and desk work."*

## Manufacturing and Technology - Te Whakanao me te Hangarau

This Pathway includes the manufacturing, engineering, and logistics sectors.

This may be the Pathway for you if you like making things work. It covers types of work that ranges from hands-on assembly to cutting-edge research, from busy production lines to using complex scheduling software, and from driving or maintaining all types of vehicles and boats to mining and food processing. These jobs offer opportunities to make new discoveries and a practical difference to the world.



*"When I was young I used to help my Dad out at our family business, repairing small engines for lawnmowers, chainsaws - that sort of thing. I knew I wanted to work in a hands-on job."*

For more information on careers and job prospects and vocational pathways, check out the following websites:

- Careers in New Zealand | [careers.govt.nz](https://careers.govt.nz)
- Tahatū Careers Planning | [tec.govt.nz/focus/our-focus/national-careers-system-strategy/tahatu/](https://tec.govt.nz/focus/our-focus/national-careers-system-strategy/tahatu/)
- Youth Guarantee | [youthguarantee.education.govt.nz/initiatives/vocational-pathways/](https://youthguarantee.education.govt.nz/initiatives/vocational-pathways/)

To view how the courses you have taken, or want to take, can prepare you towards certain career pathways, check out Pathway Builder on the youth guarantee website

- [youthguarantee.education.govt.nz/tools/profile-builder/](https://youthguarantee.education.govt.nz/tools/profile-builder/)

# EARNING POTENTIAL

## OF THE CAREERS LINKED TO OUR TRADES COURSES AND THEIR VOCATIONAL PATHWAYS



### CONSTRUCTION & INFRASTRUCTURE - TE MAHI HANGA ME TE PUTIO HANGANGA

If you like working with others and enjoy many different tasks and learning by doing stuff yourself this could be the Pathway for you.

\$ 37,000 - 145,000 CONSTRUCTION : Labourer, carpenter, scaffolder, roofer, painter, plasterer, crane operator, earth mover, manager



### CREATIVE INDUSTRIES - AHUMAHU AUAHA

If you're the creative, artistic or sporty type, or have an interest in culture, recreation or digital technology, this could be the Pathway for you.

\$ 35,000 - 90,000 DIGITAL DESIGN : Graphic designer, animator, gaming designer

\$ 20,000 - 80,000 PERFORMING ARTS : Performer, lighting technician, sound technician, choreographer, production manager

\$ 45,000 - 207,000 TECHNOLOGY : IT technician, programmer



### MANUFACTURING AND TECHNOLOGY - TE WHAKANAO ME TE HANGARAU

If you like making things work this may be the Pathway for you.

\$ 35,000 - 110,000 ENGINEERING : Auto groomer, builder, repair technician, mechanical engineer, machinist, mechanic



### PRIMARY INDUSTRIES - AHUMAHU MATUA

This pathway is all about the food and fibre industry, which is Aotearoa's largest industry.

\$ 40,000 - 150,000 FORESTRY : Logger, planter, forest manager

\$ 39,000 - 160,000 AGRICULTURE : Farm assistant, dairy farm manager, aquaculture farmer



### SERVICE INDUSTRIES - AHUMAHU RATONGA

If you're a people person this could be the Pathway for you. This diverse industry employs a third of Aotearoa's workforce.

\$ 35,000 - 146,000 HOSPITALITY : Customer service, food and beverage service, hotel worker

\$ 44,000 - 110,000 TOURISM : Tour guide, reservation coordinator, customer service

\$ 39,000 - 65,000 HAIR and BEAUTY : Hair stylist, beauty therapist, salon owner



### SOCIAL AND COMMUNITY SERVICES - RATONGA PAPORI, RATONGA HAPORI

If you're a people person this could be the Pathway for you. Careers in this Pathway are all about supporting the community and caring for people in need.

\$ 35,000 - 146,000 FITNESS : Personal trainer, team trainer, premier coach

\$ 40,000 - 85,000 SOCIAL HEALTH : Social worker, caregiver, allied health

\$ 45,000 - 75,000 ECE: Early childhood teacher, childcare manager



# COURSE INFORMATION

## OUR FUTURES ACADEMY COURSES OFFER INNOVATIVE, HANDS-ON, TRADES LEARNING THROUGH...

### FOUNDATION COURSES

Courses focus on foundational skill building and training experience in one particular trade area. Generally offered, at Level 2, offered one to two days a week, for 30 weeks.

### ADVANCED COURSES

Offer a more in-depth skills and theory-based training, where students can attain credits towards an industry certificate, or pathway directly into apprenticeships, trades employment or further training. Generally, courses are offered at a Level 3, and are held 2-3 days a week, for 30 weeks.

### WORK BASED TRAINING COURSES

To support students to gain skills and training that will help them to have a stronger pathway into trades employment, the Futures Academy has been patterning directly with industry to provide students with work-based training options. These worksites will also interview students before accepting them onto their course to ensure students understanding of the course, the commitment required, and their goodness of fit as a potential employee (ex. Timber Trades Training, Transport Engineering w/ Patchell Engineering, and the Health Academy). Some students may even be offered paid work.

### COHORT COURSES\*\*

Are designed for groups of students from one school. Noho style consists of intensive 1-week blocks, over a 30-week period OR held one day a week. Generally, courses are offered at Level 2.

\*\* Please see Te Wānanga o Aotearoa, page 27, and your school / kura for a cohort course option.

### COURSE DATES

Futures Academy courses generally run Terms 1 - 3 of the school year and catch-up days are scheduled over the school holidays or early in Term 4. This allows students to catch up on any missed work before exams start.

### STUDENT ENROLMENT

Due to a growing demand and limited availability of spaces, not all students will be accepted into the Futures Academy programme. Students who apply are encouraged to 'put their best foot forward' and identify in their application the skills or trades they wish to learn about and why.

School Careers Advisors will meet and interview students who want to apply to assess their:

- ✓ motivation
- ✓ personal goals
- ✓ school attendance
- ✓ relevant experience & skill base
- ✓ capacity to balance trades & in-school learning
- ✓ application is complete, signed & has caregiver support
- ✓ complementary work experience opportunities

Students accepted into the Futures Academy programme are expected to maintain 100% attendance at both their trades and in-school courses to gain maximum benefit from this opportunity.

## TRANSPORT

Transportation may be available for some courses. Availability is based on a student meeting specific criteria set by the Ministry of Education's Transportation Policy.

### LOCAL COURSES

Generally, if a student is accepted onto a local course it may primarily be up to the student to get themselves to their course and back (ex. walking, riding a bike, drive themselves, ask the school bus to drop them off near to their course, take a city bus, set up a carpool, etc).

### COURSES IN ANOTHER REGION

If a student is accepted into a course in another region and the student cannot make their own way to their course, limited group transport may be available (which may also require additional students from the area being transported on the same day to ensure affordability and the students ultimate enrolment in the course).

### COURSES IN TAURANGA AND ROTORUA

In addition, the majority of our courses offered in the city centres of Tauranga and Rotorua are in locations where students can choose to take the existing city bus service, or the free / low cost "Uni Busses", service to and from course (Uni Bus offered through BOPRC or Toi Ohomai). Students choosing this existing regional Uni transport options may arrive back to their home location later in the afternoon (some locations between 5-7pm, please check Uni bus website for details).

### OPTIONS

Your schools career advisor can link with the Futures Academy to investigate what transport options may be available, once they have received confirmation that a student has secured a place in Futures Academy.

## APPLICATION TIMELINE

|                                                  |                                          |
|--------------------------------------------------|------------------------------------------|
| Applications to be submitted by:                 | Term 3 / First cut off date 25th October |
| Applications reviewed by training providers:     | Early Term 4                             |
| Initial acceptance into FA courses confirmed by: | End of Term 4                            |
| Course start dates:                              | 2nd Week of February                     |
| Second application cut off:                      | Friday 14th February                     |

**THINK YOU MIGHT BE INTERESTED IN TAKING SOME OF OUR HANDS-ON COURSES?**

**SPEAK WITH YOUR SCHOOL CAREERS ADVISOR FOR AN INTERVIEW AND A FUTURES ACADEMY APPLICATION TODAY!**

**APPLY NOW!**



# COURSES BY REGION

Final course locations will depend on adequate enrolment numbers, staffing, and funding.

## EASTERN BAY OF PLENTY | WHK

| COURSE NAME                                 | CREDITS     | TRAINING PROVIDER     | PAGE |
|---------------------------------------------|-------------|-----------------------|------|
| Electrical Pre-Trade Foundation Programme   | 120, L3     | ETCO                  | 16   |
| Barbering & Hairdressing In A Salon         | 21, L2      | Hair To Train         | 18   |
| Ringa Raupa / Eastern Bay Trades Academy    | 52-75, L3   | Ōpōtiki College       | 20   |
| Caravan Restoration                         | 49, L2-3    | Tarawera High School  | 26   |
| Building & Construction: 200 Hours / Cohort | 20, L2      | Te Wānanga o Aotearoa | 27   |
| Building & Construction: 230 Hours / Cohort | 23, L2      | Te Wānanga o Aotearoa | 27   |
| Civil Infrastructure / Cohort               | 22, L2      | Te Wānanga o Aotearoa | 28   |
| Toi Whakairo / Cohort                       | 20, L2-3    | Te Wānanga o Aotearoa | 29   |
| Allied Trades Training (ATT)                | 54-77, L2-3 | Trident High School   | 30   |
| Working as a Creative Academy               | 56-70, L2   | Trident High School   | 37   |
| Te Kakau O Te Toki / Construction Academy   | 40-66, L3   | Whakatāne High School | 35   |
| Timber Trades Training                      | 58-81, L2-3 | Local Saw Mills       | 41   |
| Construction                                | 28, L2      | Toi Ohomai            | 48   |
| Construction                                | 30, L3      | Toi Ohomai            | 49   |
| Automotive Engineering                      | 25, L2-3    | Toi Ohomai            | 51   |
| NZC Automotive Engineering                  | 37, L2-3    | Toi Ohomai            | 52   |
| Farming & Agriculture                       | 29, L2      | Toi Ohomai            | 54   |
| Farming & Agriculture                       | 36, L3      | Toi Ohomai            | 55   |
| Hair, Beauty & Retail                       | 18, L2      | Toi Ohomai            | 61   |
| Barbering                                   | 19, L2-3    | Toi Ohomai            | 61   |
| NZ Certificate In Makeup & Skin Care        | 62, L3      | Toi Ohomai            | 62   |



# COURSES BY REGION

Final course locations will depend on adequate enrolment numbers, staffing, and funding.

## ROTORUA | ROT

| COURSE NAME                                     | CREDITS     | TRAINING PROVIDER                          | PAGE |
|-------------------------------------------------|-------------|--------------------------------------------|------|
| Electrical Pre-Trade Foundation Programme       | 120, L3     | ETCO                                       | 16   |
| Barbering & Hairdressing In A Salon             | 21, L2      | Hair To Train                              | 18   |
| Building & Construction: 200 Hours / Cohort     | 20, L2      | Te Wānanga o Aotearoa                      | 27   |
| Building & Construction: 230 Hours / Cohort     | 23, L2      | Te Wānanga o Aotearoa                      | 27   |
| Civil Infrastructure / Cohort                   | 22, L2      | Te Wānanga o Aotearoa                      | 28   |
| Toi Whakairo / Cohort                           | 20, L2-3    | Te Wānanga o Aotearoa                      | 29   |
| Transport Engineering / Fabrication             | 36, L2-3    | Patchell Engineering / Trident High School | 35   |
| Health, Hauora & Social Services                | 61-71, L2   | Rotorua Girls High School                  | 24   |
| Timber Trades Training                          | 58-81, L2-3 | Local Saw Mills                            | 41   |
| Construction                                    | 28, L2      | Toi Ohomai                                 | 48   |
| Construction                                    | 30, L3      | Toi Ohomai                                 | 49   |
| Build A Go Kart                                 | 25, L2-3    | Toi Ohomai                                 | 50   |
| Automotive Engineering                          | 25, L2-3    | Toi Ohomai                                 | 51   |
| NZC Automotive Engineering                      | 37, L2-3    | Toi Ohomai                                 | 52   |
| Mechanical Engineering                          | 25, L2      | Toi Ohomai                                 | 53   |
| Farming & Agriculture                           | 29, L2      | Toi Ohomai                                 | 54   |
| Farming & Agriculture                           | 36, L3      | Toi Ohomai                                 | 55   |
| Pest Operations                                 | 16, L1-3    | Toi Ohomai                                 | 55   |
| Wood Manufacturing                              | 20, L2      | Toi Ohomai                                 | 56   |
| Forestry                                        | 20, L2      | Toi Ohomai                                 | 56   |
| Hospitality                                     | 20, L2      | Toi Ohomai                                 | 57   |
| Cookery & Culinary Arts                         | 32, L3      | Toi Ohomai                                 | 58   |
| Hospitality, Café Service & Barista             | 21, L3      | Toi Ohomai                                 | 58   |
| Leadership Skills In Sport & Outdoor Recreation | 22, L3      | Toi Ohomai                                 | 60   |
| Hair, Beauty & Retail                           | 18, L2      | Toi Ohomai                                 | 61   |
| Barbering                                       | 19, L2-3    | Toi Ohomai                                 | 61   |
| NZ Certificate In Makeup & Skin Care            | 62, L3      | Toi Ohomai                                 | 62   |
| Game Design                                     | 21, L3      | Toi Ohomai                                 | 64   |





# COURSES BY REGION

Final course locations will depend on adequate enrolment numbers, staffing, and funding.

## TAUPO | TPO

| COURSE NAME                                 | CREDITS  | TRAINING PROVIDER     | PAGE |
|---------------------------------------------|----------|-----------------------|------|
| Electrical Pre-Trade Foundation Programme   | 120, L3  | ETCO                  | 16   |
| Barbering & Hairdressing In A Salon         | 21, L2   | Hair To Train         | 18   |
| Building & Construction: 200 Hours / Cohort | 20, L2   | Te Wānanga o Aotearoa | 27   |
| Building & Construction: 230 Hours / Cohort | 23, L2   | Te Wānanga o Aotearoa | 27   |
| Civil Infrastructure / Cohort               | 22, L2   | Te Wānanga o Aotearoa | 28   |
| Toi Whakairo / Cohort                       | 20, L2-3 | Te Wānanga o Aotearoa | 29   |
| Construction                                | 28, L2   | Toi Ohomai            | 48   |
| Construction                                | 30, L3   | Toi Ohomai            | 49   |
| Automotive Engineering                      | 25, L2-3 | Toi Ohomai            | 51   |
| NZC Automotive Engineering                  | 37, L2-3 | Toi Ohomai            | 52   |
| Farming & Agriculture                       | 29, L2   | Toi Ohomai            | 54   |
| Farming & Agriculture                       | 36, L3   | Toi Ohomai            | 55   |
| Hair, Beauty & Retail                       | 18, L2   | Toi Ohomai            | 61   |
| Barbering                                   | 19, L2-3 | Toi Ohomai            | 61   |
| NZ Certificate In Makeup & Skin Care        | 62, L3   | Toi Ohomai            | 62   |



# COURSES BY REGION

Final course locations will depend on adequate enrolment numbers, staffing, and funding.

## TAURANGA | TGA

| COURSE NAME                               | CREDITS     | TRAINING PROVIDER | PAGE |
|-------------------------------------------|-------------|-------------------|------|
| Scuba Diving                              | 21, L3      | Dive Zone         | 12   |
| Intro To IT Support                       | 17, L2      | Employ NZ         | 13   |
| IT Support                                | 18, L3      | Employ NZ         | 13   |
| Early Childhood Education                 | 18, L2-3    | Employ NZ         | 14   |
| Introduction To Café Skills               | 19, L2      | Employ NZ         | 15   |
| Electrical Pre-Trade Foundation Programme | 120, L3     | ETCO              | 16   |
| Barbering & Hairdressing In A Salon       | 21, L2      | Hair To Train     | 18   |
| Timber Trades Training                    | 58-81, L2-3 | Local Saw Mills   | 41   |
| Construction                              | 28, L2      | Toi Ohomai        | 48   |
| Construction                              | 30, L3      | Toi Ohomai        | 49   |
| Build A Go Kart                           | 25, L1-3    | Toi Ohomai        | 50   |
| Automotive Engineering                    | 25, L2-3    | Toi Ohomai        | 51   |
| NZC Automotive Engineering                | 37, L2-3    | Toi Ohomai        | 52   |
| Mechanical Engineering                    | 25, L2      | Toi Ohomai        | 53   |
| Farming & Agriculture                     | 29, L2      | Toi Ohomai        | 54   |
| Farming & Agriculture                     | 36, L3      | Toi Ohomai        | 55   |
| Hospitality                               | 20, L2      | Toi Ohomai        | 57   |
| Cookery & Culinary Arts                   | 32, L3      | Toi Ohomai        | 58   |
| Hospitality, Café Service & Barista       | 21, L3      | Toi Ohomai        | 58   |
| Tourism                                   | 20, L3      | Toi Ohomai        | 59   |
| Hair, Beauty & Retail                     | 18, L2      | Toi Ohomai        | 61   |
| Barbering                                 | 19, L2-3    | Toi Ohomai        | 61   |
| NZ Certificate In Makeup & Skin Care      | 62, L3      | Toi Ohomai        | 62   |
| Fashion & Design                          | 20, L2      | Toi Ohomai        | 63   |
| Fashion, Retail & Merchandising           | 23, L3      | Toi Ohomai        | 63   |
| Game Design                               | 21, L3      | Toi Ohomai        | 64   |



# COURSES BY REGION

Final course locations will depend on adequate enrolment numbers, staffing, and funding.

## WAIKATO SOUTH | TOK

| COURSE NAME                                 | CREDITS  | TRAINING PROVIDER     | PAGE |
|---------------------------------------------|----------|-----------------------|------|
| Electrical Pre-Trade Foundation Programme   | 120, L3  | ETCO                  | 16   |
| Building & Construction: 200 Hours / Cohort | 20, L2   | Te Wānanga o Aotearoa | 27   |
| Building & Construction: 230 Hours / Cohort | 23, L2   | Te Wānanga o Aotearoa | 27   |
| Civil Infrastructure / Cohort               | 22, L2   | Te Wānanga o Aotearoa | 28   |
| Toi Whakairo / Cohort                       | 20, L2-3 | Te Wānanga o Aotearoa | 29   |
| Construction                                | 28, L2   | Toi Ohomai            | 48   |
| Construction                                | 30, L3   | Toi Ohomai            | 49   |
| Automotive Engineering                      | 25, L2-3 | Toi Ohomai            | 51   |
| NZC Automotive Engineering                  | 37, L2-3 | Toi Ohomai            | 52   |
| Farming & Agriculture                       | 29, L2   | Toi Ohomai            | 54   |
| Farming & Agriculture                       | 36, L3   | Toi Ohomai            | 55   |
| Hair, Beauty & Retail                       | 18, L2   | Toi Ohomai            | 61   |
| Barbering                                   | 19, L2-3 | Toi Ohomai            | 61   |



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Dive Zone Tauranga is a delivery site for the Academy of Diving Trust, and a 5 Star PADI Instructor Development Centre. Dive Zone Tauranga runs full and part time dive courses to provide students with the qualifications needed to work anywhere in the world in the dive industry.

This course is designed to guide the non-diver safely through basic scuba diving and gain the PADI Open Water Diving certification, PADI Advanced and PADI Rescue Diver certifications. These are the prerequisites to professional dive qualifications such as Divemaster, Dive Instructor and scientific diving in the marine biology field.

## SCUBA DIVING

### NEW ZEALAND CERTIFICATE IN DIVING

This course will be held 1 day per week, over 30 weeks, and students will have the opportunity to complete up to 40 dives. The course will be made up of dive theory and practical sessions both pool based and in open water at Lake Rotoma and boat dives in the ocean.

Upon completion of this course students can transfer onto the Diploma in Professional Scuba Instruction. This is a further 6 months of full-time study and students will become PADI Specialty instructors, this is an internationally recognized certification in over 183 countries.

| UNIT STD           | SCUBA DIVING                                             | LEVEL | CREDITS |
|--------------------|----------------------------------------------------------|-------|---------|
| 28392              | Scuba dive in open water to a maximum depth of 18 metres |       | 7       |
| 28407              | Complete scuba dives off a boat in open water            |       | 3       |
| 28408              | Complete scuba dives off the shore in open water         |       | 4       |
| 28395              | Complete diver rescues                                   |       | 7       |
| TOTAL CREDIT VALUE |                                                          | 3     | 21      |

#### COURSES PATHWAY TO FURTHER STUDY IN:

Marine Studies, Commercial Diving, Underwater Construction, Navy Diver, Boat Skippers.

#### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Dive Instructor, Dive Guide, Dive Retail, Adventure Tourism, Navy Diver, Commercial Diving, Super Yacht Crew, Boat Charter Crew, Outdoor Education, Tourism Guide.





EmployNZ is a NZQA Category 1 Provider with a 20-year history of providing high quality education and employment placement services to students and local employers.

We offer a New Zealand Diploma in Information Technology (Technical Support) Level 5, leading into a New Zealand Diploma in Systems Administration Level 6. We also offer a range of foundation programmes leading to the achievement of NCEA Levels 1 and 2.

## TECHNOLOGY

### INTRODUCTION TO IT SUPPORT / LEVEL 2 & 3

During this course you will collaborate in a team to research, design and implement a live IT Support Help desk. You will learn how to solve a range of hardware, networking and software support issues faced daily by technicians in this fast-paced industry. After completing this course, you will be ready to take the next step in your IT career and enrol in a NZ Diploma in IT.

Course delivery: Terms 1-3; 30 weeks (1 day per week); TGA

| UNIT STD           | INTRO TO IT SUPPORT                                                                                                     | LEVEL | CREDITS |
|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| 29772              | Manage files and folders using digital devices                                                                          |       | 2       |
| 29782              | Demonstrate knowledge of computing hardware, software and terminology to select digital tools for specified purposes    |       | 5       |
| 29783              | Implement basic security when using digital devices and software                                                        |       | 3       |
| 29781              | Use the internet and common digital devices and software to gather information and connect with other users and devices |       | 7       |
| TOTAL CREDIT VALUE |                                                                                                                         | 2     | 17      |

| UNIT STD           | IT SUPPORT                                                                                                   | LEVEL | CREDITS |
|--------------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| 29796              | Collaborate effectively with others in a digital environment                                                 |       | 7       |
| 29793              | Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief |       | 5       |
| 29789              | Use a presentation application to produce an interactive multimedia presentation                             |       | 3       |
| 29798              | Troubleshoot, fix and escalate a range of common hardware and software problems                              |       | 3       |
| TOTAL CREDIT VALUE |                                                                                                              | 3     | 18      |

#### COURSES PATHWAY TO FURTHER STUDY IN:

Level 5 Diploma in Information and Technology, ENZ Level 6 Diploma in Systems Administration, ENZ, Computing or Administration and Technology, Level 3 with TWA, Bachelor Degree of Applied Information and Technology at Toi Ohomai, or Further University studies – such as Bachelor's Degree in Computer Science, Computer Engineering, Information and Technology.

#### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Computer Support Technician, Database/Systems Administrator, Network Engineer, Network Security, Software Developer, Project Manager, Web Developer, Web Designer.



**JACK BAKER**

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## EARLY CHILDHOOD EDUCATION

### INTERESTED IN BECOMING AN EARLY CHILDHOOD EDUCATOR?

Do you have a passion for working with children? This creative course will introduce you to a career in early childhood education and kick off your journey as a teacher. In this programme you will gain the knowledge and skills you need to participate in an early childhood setting. You will develop different approaches to educating young children, gain knowledge in child development and create environments and resources to empower children's learning.

Course delivery: Terms 1-3; 30 weeks (1 day per week); TGA

| UNIT STD           | INTRO TO EARLY CHILDHOOD EDUCATION                                                                                      | LEVEL | CREDITS |
|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| 29859              | Describe values and beliefs that inform own personal approach to the learning and care of young children                |       | 4       |
| 29857              | Describe patterns of development and learning for young children                                                        |       | 5       |
| 29852              | Demonstrate knowledge of the basic needs and nutrition that support young children's holistic wellbeing and development |       | 4       |
| 29861              | Identify and describe agencies/services available in the community to support young children and families               |       | 3       |
| 29854              | Describe personal and environmental hygiene and safety practices for the care of young children                         |       | 2       |
| TOTAL CREDIT VALUE |                                                                                                                         | 2-3   | 18      |

### COURSES PATHWAY TO FURTHER STUDY IN:

After completing this programme, you will be ready to enrol in Early Childhood Education Certificate courses at either Employ NZ or an ECE degree programme at Toi Ohomai.

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Early Childhood Education, Teacher, Teacher's Aide, Childcare.



## CAFÉ SKILLS

### INTRODUCTION TO CAFÉ SKILLS

Kick off your career with Café, and learn the practical skills needed to be a hospitality hot shot!

Throughout this course you will cover the knowledge and practical skills needed to work in a café setting. You will learn creative barista talents, café cuisine, food safety practices and top service skills required to work in this fast-paced industry.

Our experienced tutors will prepare you for your hospitality journey at our nice modern campus and ready you for EmployNZ's level 3 Café programme.

Course delivery: Terms 1-3; 30 weeks (1 day per week); TGA

| UNIT STD           | INTRO TO CAFÉ SKILLS                                                                                           | LEVEL | CREDITS |
|--------------------|----------------------------------------------------------------------------------------------------------------|-------|---------|
| 167                | Practise food safety methods in a food business under 4 supervision                                            |       | 4       |
| 13281              | Prepare and present basic sandwiches for service                                                               |       | 2       |
| 17285              | Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision |       | 4       |
| 14436              | Provide table service for a commercial hospitality establishment                                               |       | 4       |
| 14425              | Prepare and serve hot and cold non-alcoholic drinks for a 5 commercial hospitality establishment               |       | 5       |
| TOTAL CREDIT VALUE |                                                                                                                | 2     | 19      |

### COURSES PATHWAY TO FURTHER STUDY IN:

EmployNZ level 3 Café programme.

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Barista, Kitchen Support, Server, Café Manager.



## ETCO - THE ELECTRICAL TRAINING EXPERTS

Qualified electricians are in high demand. Etco is NZ's leading provider of electrical apprenticeships and training, providing employment by placing apprentices with electrical companies and contractors through our group apprenticeship scheme. With over 30 years of experience, we have supported thousands of students in training. Trust The Electrical Training Experts.

### THE ELECTRICAL PRE-TRADE FOUNDATION PROGRAMME / LEVEL 3

Take the first steps towards working in the electrical industry by studying for the Electrical Engineering Level 3 Theory with ETCO. Pre-Trade Foundation Programme students can apply for employment as an ETCO apprentice before their course finishes and will know before graduation whether they have been offered a position with ETCO. The programme includes:

- Basic knowledge and principles of electrical theory
- Basic knowledge of fault diagnosis and testing techniques
- Basic knowledge and principles for installation and maintenance of electrical machines and equipment
- Safe working procedures and practices
- Legal limitations of electrical legislation
- How to work ethically and professionally within the electrical industry

Students are taught electrical theory and some practical knowledge by registered electricians, during this course.

Delivery: Feb-Dec Full year course, three-days-a-week.

Locations: Whakatāne, Rotorua, Taupo, Tauranga, Tokoroa (dependent on sufficient numbers of students).

| UNIT STD | ELECTRICAL PRE-TRADE FOUNDATION PROGRAMME                                                                               | LEVEL | CREDITS |
|----------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| 750      | Demonstrate knowledge of electrical test instruments and take measurements                                              |       | 2       |
| 15847    | Demonstrate knowledge of mathematics and mechanics for electrical trades                                                |       | 4       |
| 15848    | Demonstrate and apply knowledge of safeguards for use with portable electrical appliances                               |       | 3       |
| 15849    | Perform manual soldering and de-soldering procedures for electrotechnology work                                         |       | 2       |
| 15852    | Isolate and test low-voltage electrical subcircuits                                                                     |       | 2       |
| 15855    | Demonstrate knowledge of circuit protection                                                                             |       | 3       |
| 25070    | Explain the properties of conductors, insulators, and semiconductors and their effect on electrical circuits            |       | 7       |
| 25071    | Demonstrate knowledge of electromotive force (e.m.f.) production                                                        |       | 3       |
| 25072    | Apply electromagnetic theory to a range of problems                                                                     |       | 5       |
| 29465    | Apply knowledge of electrical safety and safe working practices for electrical workers                                  |       | 6       |
| 29466    | Demonstrate knowledge of legislation and Standards governing electrical workers                                         |       | 2       |
| 29467    | Demonstrate knowledge of the electrical industry ethical work practices                                                 |       | 2       |
| 29468    | Demonstrate and apply knowledge of safe plant isolation, re-commissioning, and associated electrical testing procedures |       | 5       |
| 29469    | Select and install flexible cords and cables                                                                            |       | 4       |
| 29470    | Demonstrate knowledge of electric motor and generator construction and operation                                        |       | 2       |



|                     |                                                                                                                      |              |
|---------------------|----------------------------------------------------------------------------------------------------------------------|--------------|
| 29474               | Demonstrate and apply knowledge of electrical fittings and components and their installation                         | 6            |
| 30645               | Demonstrate practical application of theory and legislation for electrical appliance service persons (endorsed)      | 3            |
| 1204                | Demonstrate knowledge of earthing                                                                                    | 2            |
| 6401                | Provide first aid                                                                                                    | 1            |
| 6402                | Provide basic life support                                                                                           | 1            |
| 6705                | Test electrical appliances for safety                                                                                | 3            |
| 15866               | Demonstrate and apply knowledge of and the procedures for the examination of and testing of electrical installations | 3            |
| 29471               | Demonstrate knowledge of electric switchboards and lighting and power circuits                                       | 2            |
| 29473               | Demonstrate knowledge of single-phase and three-phase transformers                                                   | 3            |
| 29476               | Demonstrate and apply knowledge of capacitance, inductance, power factor, and power factor correction                | 7            |
| 29477               | Demonstrate knowledge of the New Zealand national electricity grid and associated electrical protection              | 2            |
| 29479               | Draw and explain electrical diagrams                                                                                 | 4            |
| 29480               | Demonstrate knowledge of electric circuit design, control, and protection                                            | 6            |
| 29481               | Apply knowledge of lighting installation, testing, repair, and disposal                                              | 5            |
| 29483               | Demonstrate and apply knowledge of single-phase and three-phase rotating machines                                    | 4            |
| 29484               | Demonstrate intermediate knowledge for working in electrical trades                                                  | 1            |
| 29557               | Apply fundamental techniques for identifying and locating faults in electrical fittings or systems                   | 4            |
| 29749               | Demonstrate and apply knowledge of theory and practice for registration of electrical workers (stage 1)              | 2            |
| 29753               | Demonstrate and apply knowledge of theory and practice for registration of electrical workers (stage 2)              | 2            |
| 30657               | Isolate low-voltage electrical subcircuits and perform basic checks and tests to confirm isolation                   | 1            |
| 30658               | Demonstrate knowledge of fundamental electrical safety in the workplace                                              | 2            |
| 31831               | Apply knowledge of theory and legislation for electrical service technicians (EST)                                   | 4            |
| <b>CREDIT VALUE</b> |                                                                                                                      | <b>3 120</b> |

#### COURSES PATHWAY TO FURTHER STUDY IN:

Pre-Trade Foundation Program Graduates, Electrical Apprenticeship – NZ Certificate Electrical Engineering Level 4 Electrical Apprentices, Electrical Engineering Qualification.

#### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

##### Pre-Trade Foundation Program Graduates

Electrical Wholesaling, Retailing, Electrical Meter Reading, Electrical Appliance Service Technician, Electrical Service Technician.

##### Electrical Apprentices

Business Ownership, Electrical Estimator, Inspector, Project Manager, Automation, Robotics, Supervisor, Solar and Wind Energy, Marine, Teaching.



## DONNA

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Tauranga Hair Design Academy (trading as Hair to Train) has been in operation since 1997. Hair to Train is a boutique Private Training Establishment (PTE) based in the Bay of Plenty region and specialises in high quality hairdressing and barbering training.

Bay of Plenty Futures Academy students will receive an insight to the wonderful world of hairdressing and barbering. A fun, practical, and hands on programme that will ensure you gain a firm understanding of the industry. As everyone wants to learn about cutting hair, Hair to Train has also incorporated a foundation cutting workshop.

## BARBERING AND HAIRDRESSING

### HAIRDRESSER/BARBER FOUNDATION PROGRAMME / LEVEL 2

#### COURSE DELIVERY:

Terms 1-3: 30 weeks, 1 day per week, on Mondays.

In Term 3: Option to choose a Barbering Pathway or a Hairdressing Pathway.

Locations: ROT, TPO, TGA, WHK

#### TERMS 1-2

| UNIT STD           | BARBERING AND HAIRDRESSING                                                          | LEVEL | CREDITS |
|--------------------|-------------------------------------------------------------------------------------|-------|---------|
| 21935              | Maintain order and supplies in a hairdressing or barbering salon environment        |       | 5       |
| 21936              | Protect the client for hairdressing services in a salon environment*                |       | 1       |
| 21940              | Demonstrate knowledge of workplace requirements for employment in a salon*          |       | 5       |
| 25439              | Demonstrate knowledge of sustainability concepts for a salon*                       |       | 2       |
| 28026              | Present a personal fashion image for work in a hairdressing salon environment*      |       | 3       |
| 28025              | Demonstrate knowledge of the client journey in a salon*                             |       | 2       |
| 28027              | Demonstrate knowledge of undertaking an observation of technical skills in a salon* |       | 3       |
| TOTAL CREDIT VALUE |                                                                                     | 2     | 21      |

\*or barber shop





**DONNA**

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## TERM 3

### BARBERING OPTION

Barbering has made a huge comeback in NZ. New trends in men's hairstyling and grooming have made barbering an important aspect for men's fashion worldwide.

| UNIT STD           | BARBERING                                                    | LEVEL | CREDITS |
|--------------------|--------------------------------------------------------------|-------|---------|
| 19805              | Blow dry hair using barbering techniques                     |       | 5       |
| 19808              | Select and maintain barbering tools and equipment            |       | 4       |
| 28018              | Demonstrate knowledge of removing product build-up from hair |       | 4       |
| TOTAL CREDIT VALUE |                                                              | 2-3   | 13      |

### HAIRDRESSING OPTION

Hairdressing allows you to express your creativity, make people feel beautiful and gives you flexible and diverse employment opportunities.

| UNIT STD           | HAIRDRESSING                                                                               | LEVEL | CREDITS |
|--------------------|--------------------------------------------------------------------------------------------|-------|---------|
| 2866               | Shampoo hair and scalp                                                                     |       | 4       |
| 2869               | Apply treatments to hair and scalp                                                         |       | 2       |
| 25790              | Select maintain and demonstrate safe handling of hairdressing equipment and handheld tools |       | 4       |
| 25077              | Section and comb hair                                                                      |       | 2       |
| TOTAL CREDIT VALUE |                                                                                            | 2-3   | 12      |

### COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Salon Skills (Level 2), NZ Certificate in Makeup and Skin Care (Level 3), NZ Certificate in Hairdressing (Level 3), NZ Certificate in Commercial Barbering (Level 4).

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Hairdressing apprenticeship, Barbering apprenticeship, Beauty apprenticeship.



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Te Kāreti o Ōpōtiki  
Ōpōtiki College



Eastern Bay Trades Academy

In 2022 Ōpōtiki College launched a full-time Level 3 Building Academy in partnership with Whakatōhea Māori Trust / Te Pou Oranga O Whakatōhea with cross government support. From this partnership ten houses have successfully been built and purchased by Kainga Ora and six re-sited in Opotiki to help ease the local housing shortage.

### RINGA RAUPA BUILDING ACADEMY / LEVEL 3

This course has been designed to prepare students to step into a building, or any other trade apprenticeship, through building new re-locatable houses on the Ōpōtiki College grounds. This year we will be delivering a 5-day-a-week programme for in school students, and 3 day a week programme for local school students (see the credit breakdown below).

On completion, the students will walk away with a Level 3 BCITO certificate along with 52-75 credits at NCEA Level 3 assisting them with their NZQA Level 3 qualification.

Course delivery: Full time, terms 1-4, 5 days a week for in school and 3 days a week for local school students; in OPO.

#### 3 DAYS A WEEK : PROGRAMME FOR LOCAL SCHOOL STUDENTS

| UNIT STD           | LEVEL 3 BCATS                                                                                          | LEVEL | CREDITS |
|--------------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| US 29684 V1        | Undertake a Stage 3 BCATS project                                                                      |       | 12      |
| US 29677 V1        | Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment |       | 2       |
| US 29678 V1        | Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project                        |       | 4       |
| US 29679 V1        | Develop and use BCATS project documentation for a Stage 3 BCATS project                                |       | 8       |
| US 29680 V1        | Communicate and work collaboratively in a Stage 3 BCATS project                                        |       | 5       |
| US 29681 V1        | Measure and calculate for a Stage 3 BCATS project                                                      |       | 3       |
| US 29682 V1        | Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project                   |       | 4       |
| US 29683 V1        | Incorporate other building, construction and allied trades into a Stage 3 BCATS project schedule       |       | 2       |
| US 32462 V1        | Use Carpentry tools under supervision                                                                  |       | 12      |
| TOTAL CREDIT VALUE |                                                                                                        | 3     | 52      |





Te Kāreti o Ōpōtiki  
Ōpōtiki College

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#### 5 DAYS A WEEK : PROGRAMME FOR IN SCHOOL STUDENTS

| UNIT STD           | LEVEL 3 BCATS + BCITO MICRO-CREDENTIALS                                                                | LEVEL | CREDITS |
|--------------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| US 29684 V1        | Undertake a Stage 3 BCATS project                                                                      |       | 12      |
| US 29677 V1        | Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment |       | 2       |
| US 29678 V1        | Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project                        |       | 4       |
| US 29679 V1        | Develop and use BCATS project documentation for a Stage 3 BCATS project                                |       | 8       |
| US 29680 V1        | Communicate and work collaboratively in a Stage 3 BCATS project                                        |       | 5       |
| US 29681 V1        | Measure and calculate for a Stage 3 BCATS project                                                      |       | 3       |
| US 29682 V1        | Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project                   |       | 4       |
| US 29683 V1        | Incorporate other building, construction and allied trades into a Stage 3 BCATS project schedule       |       | 2       |
| US 32462 V1        | Use Carpentry tools under supervision                                                                  |       | 12      |
| US 32443 V1        | Demonstrate knowledge of tools and equipment used for carpentry                                        |       | 9       |
| US 12997 V5        | Demonstrate knowledge of working safely in construction                                                |       | 3       |
| US 24362 V2        | Demonstrate knowledge of documentation, working drawings and specifications for building work          |       | 3       |
| US 13002 V4        | Demonstrate knowledge of timber used in construction                                                   |       | 2       |
| US 24378 V2        | Make calculations for carpentry.                                                                       |       | 4       |
| TOTAL CREDIT VALUE |                                                                                                        | 3     | 73      |

\* This course may also be delivered at other EBoP school locations upon negotiation.

#### COURSES PATHWAY TO FURTHER STUDY IN:

BCITO Apprenticeship, level 4.

#### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Building, Electrician, Plumbing, Scaffolding, GIB stopping, Painting and Decorating, Roofing.



## HEALTH, HAUORA, AND SOCIAL SERVICES

### HEALTH, HAUORA, AND SOCIAL SERVICES / LEVEL 2

This course is designed to help prepare students towards a pathway within Health, Hauora, or Social Services, focusing on a range of level 2, unit standards.

The course work is centered around work readiness in the Health and Social Services field and specific Health and Wellbeing Standards that are completed in a placement in a Health/Hauora or Social Service setting.

Along with the possibility of gaining 71 credits towards NCEA Level 2; students will also have the possibility of gaining a further 8 credits to gain a Certificate in Health and Wellbeing Level 2.

During Term 1 students will visit different health providers including Māori health practitioners. During Term 2 students will undertake placements in areas of interest one day a week followed by 2 days focused on course work.

After the review of unit standards, students have the potential to gain the micro-credential, a Certificate in Health and Wellbeing (Level 2), if optional standards were completed.

Delivery: Term 1-3, 5 days a week for Rotorua Girls' High School students and 3 days a week for Area School students, in ROT.

#### 5 DAYS A WEEK : PROGRAMME FOR ROTORUA GIRLS' HIGH SCHOOL STUDENTS

| UNIT STD           | HEALTH, HAUORA, AND SOCIAL SERVICES                                             | LEVEL | CREDITS |
|--------------------|---------------------------------------------------------------------------------|-------|---------|
| 4253               | Review potential worksites and the Roles for Placement                          |       | 3       |
| 10780              | Work 3 days a week at local provider for the year                               |       | 3       |
| 7118               | Plan w/ supervisor what you will learn                                          |       | 3       |
| 7117               | Identify factors that can support or create an obstacle to your learning        |       | 2       |
| 12383              | Explore career options                                                          |       | 3       |
| 10781              | Plan your next steps                                                            |       | 3       |
| 4252               | Create a CV showcasing your new skills and knowledge                            |       | 2       |
| 33019              | Use communication to help you in your role                                      |       | 3       |
| 10791              | Participate in team meetings                                                    |       | 3       |
| 9677               | Help with a team project                                                        |       | 3       |
| 1294               | Be interviewed at potential worksites                                           |       | 2       |
| 15986              | Demonstrate knowledge of tikanga in relation to rongoā rākau                    |       | 2       |
| 15315              | Demonstrate knowledge of personal safety of kaimahi when working with whānau    |       | 3       |
| 23451              | Share about your role                                                           |       | 5       |
| 28519              | Share how you help to maintain a safe work environment for yourself and clients |       | 6       |
| 28517              | Report on clients' progress                                                     |       | 5       |
| 28518              | Meet with clients                                                               |       | 5       |
| 28529              | Share how culture can impact clients                                            |       | 5       |
| 23686              | Share what your clients' rights are                                             |       | 2       |
| 28545              | Create client support plan                                                      |       | 5       |
| 28548              | Support a clients' wellbeing                                                    |       | 3       |
| TOTAL CREDIT VALUE |                                                                                 | 2     | 71      |

*\* A similar course is offered in WHK through a partnership with Trident High School.*

## HEALTH / HAUORA ACADEMY / LEVEL 2

3 DAYS A WEEK : PROGRAMME FOR AREA HIGH SCHOOL STUDENTS

| UNIT STD | HEALTH / HAUORA ACADEMY                                                         | LEVEL    | CREDITS   |
|----------|---------------------------------------------------------------------------------|----------|-----------|
|          | <b>Client Care and Self Care</b>                                                |          |           |
| 23451    | Share about your role                                                           |          | 5         |
| 23686    | Share what your clients rights are                                              |          | 2         |
| 28519    | Share how you help to maintain a safe work environment for yourself and clients |          | 6         |
| 15986    | Demonstrate knowledge of tikanga in relation to rongoā rākau                    |          | 2         |
| 15315    | Demonstrate knowledge of personal safety of kaimahi when working with whānau    |          | 3         |
| 28518    | Meet with clients                                                               |          | 5         |
| 28545    | Create client support plan                                                      |          | 5         |
| 28548    | Support a clients wellbeing                                                     |          | 3         |
| 28517    | Report on clients progress                                                      |          | 5         |
| 28529    | Identify the impact of culture on support in a health or wellbeing setting      |          | 5         |
|          | <b>Work Experience</b>                                                          |          |           |
| 4253     | Review potential worksites and roles for placement                              |          | 3         |
| 1294     | Be interviewed at potential worksites                                           |          | 2         |
| 10780    | Work Experience                                                                 |          | 3         |
|          | <b>Work Readiness</b>                                                           |          |           |
| 7118     | Manage own learning in a programme                                              |          | 3         |
| 7117     | Identify factors that can support or create an obstacle to your learning        |          | 2         |
| 33019    | Use communication to help you in your role                                      |          | 3         |
| 10791    | Participate in team meetings                                                    |          | 3         |
| 9677     | Help with a team project                                                        |          | 3         |
|          | <b>TOTAL CREDIT VALUE</b>                                                       | <b>2</b> | <b>56</b> |

| UNIT STD | ADDITIONAL CREDITS ON OFFER FOR THE CERTIFICATE IN HEALTH AND WELLBEING (LEVEL 2) OPTION                   | LEVEL    | CREDITS  |
|----------|------------------------------------------------------------------------------------------------------------|----------|----------|
| 20826    | Demonstrate knowledge of infection control requirements in a health and/or wellbeing setting.              |          | 3        |
| 23685    | Demonstrate knowledge of pre-packaged medication and the process for use in a health or wellbeing setting. |          | 2        |
| 23452    | Demonstrate knowledge of techniques for moving equipment and people in a health and wellbeing setting      |          | 3        |
|          | <b>TOTAL CREDIT VALUE</b>                                                                                  | <b>2</b> | <b>8</b> |

*\*NB: Please note that Health Standards are under review and are subject to change.*

### COURSES PATHWAY TO FURTHER STUDY IN:

Any level 3 courses at school, Core Skills for Health and Wellbeing Level 3 (Te Pūkenga), Level 4 Health and Wellbeing Certificates

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Healthcare Assistant, Receptionist, Aged Care worker, Support Care Worker, Pharmacy assistant, Optometrists assistant, Social Worker, Youth Worker, Career in Māori health service e.g. Mirimiri, rongoā rāka

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## CARAVAN RESTORATION

The Caravan Restoration and Renovation Project offers students a unique opportunity to apply their knowledge and skills in a real-world setting while making a positive impact on their community. By working together to revive an old caravan, students will gain valuable experience, foster creativity, develop essential life skills as well as the sub-trades involved. This project will leave a lasting legacy for future students and serve as a testament to the power of collaboration and hands-on learning.

### CARAVAN RESTORATION / LEVEL 2-3

Course delivery: This is a 3-day course held at Tarawera High School in Kawerau.

| UNIT STD           | CARAVAN RESTORATION                                                                          | LEVEL | CREDITS |
|--------------------|----------------------------------------------------------------------------------------------|-------|---------|
| AS91253            | Complete a developed media product from a design and plan using a range of conventions       |       | 6       |
| US16142            | Describe the practices associated with a powhiri                                             |       | 2       |
| US26971            | Describe factors that contribute to mental health and wellbeing and mental health challenges |       | 3       |
| US25536            | Operate a bandsaw to produce furniture components                                            |       | 3       |
| US18915            | Use fixing hardware in furniture making                                                      |       | 3       |
| US14996            | Construct working drawings for use in furniture making                                       |       | 2       |
| US16230            | Demonstrate knowledge of the use of adhesives in furniture making                            |       | 2       |
| US17594            | Demonstrate knowledge of hearing conversation in the workplace                               |       | 3       |
| US18408            | Demonstrate knowledge of fire and emergency warden duties in the workplace                   |       | 3       |
| US 19522           | Undertake job safety analysis                                                                |       | 3       |
| US30265            | Apply Health and safety risk assessment to a job role                                        |       | 8       |
| US17586            | Demonstrate knowledge of electrical safety in the workplace                                  |       | 4       |
| US23229            | Use safety harness system when working at height                                             |       | 4       |
| US17600            | Explain safe work practices for working at heights                                           |       | 3       |
| TOTAL CREDIT VALUE |                                                                                              | 2-3   | 49      |

*\*Students from other schools can apply to this course, but student numbers are limited.*

#### COURSES PATHWAY TO FURTHER STUDY IN:

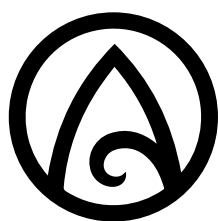
Any level 3 course at school or within the Futures Academy. Beyond school it could lead to a Trades apprenticeship in a range of industries.

#### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Trade Industries: construction, carpenter, fabrication, welding, design.







Te Wānanga o Aotearoa can create bespoke, culturally rich, hands-on courses to meet the needs and interests of a group of 10 + students from one school or kura. Courses on offer are at level 2 and can be delivered at a school site or at a local marae, over a 30-week period through a:

- noho style delivery format, over 4-5 intensive days offered over 4 weeks across the school year, or
- if desired, a one day a week, for 30 weeks, course delivery format.

**\*\*These courses are scheduled directly with the schools. Contact the Wānanga to discuss what course could be put together for a cohort of your school's students.**

## BUILDING AND CONSTRUCTION

### BUILDING AND CONSTRUCTION, COHORT / LEVEL 2

The building industry provides great employment and career opportunities, and this hands-on programme will give you all the skills you need to tackle construction projects effectively. You'll also learn about the latest health and safety processes, how to work as part of a team, and how to use and maintain hand and portable power tools.

Course delivery: 30 weeks; school site or at a local marae

Locations: Whakatāne, Kawerau, Murupara, Tokoroa, and other Bay of Plenty schools / Kura Kaupapa Māori (subject to sufficient applications)

| UNIT STD           | BUILDING AND CONSTRUCTION : 200 HOURS                                          | LEVEL | CREDITS |
|--------------------|--------------------------------------------------------------------------------|-------|---------|
| 12927              | Identify, select, maintain, and use hand tools for BCATS projects              |       | 6       |
| 24350              | Identify, select, maintain, and use portable power tools for BCATS projects    |       | 6       |
| 24354              | Demonstrate knowledge and apply safe working practices in BCATS workplace      |       | 4       |
| 24357              | Receive instructions and communicate information in relation to BCATS projects |       | 4       |
| TOTAL CREDIT VALUE |                                                                                | 2     | 20      |

| UNIT STD           | BUILDING AND CONSTRUCTION : 230 HOURS                                                   | LEVEL | CREDITS |
|--------------------|-----------------------------------------------------------------------------------------|-------|---------|
| 12936              | Construct a non-consent timber framed utility building as a BCATS project               |       | 8       |
| 24358              | Plan and monitor the construction of a BCATS project, and quality check the product     |       | 3       |
| 24360              | Demonstrate knowledge of timber and other construction materials used in BCATS projects |       | 5       |
| 24361              | Apply mathematical processes to BCATS projects                                          |       | 3       |
| 31511              | Demonstrate knowledge of BCATS industries                                               |       | 4       |
| TOTAL CREDIT VALUE |                                                                                         | 2     | 23      |

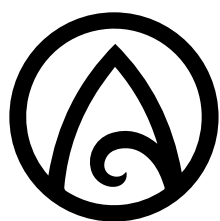
#### COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Construction Trade Skills (Carpentry) Level 3, BCITO Apprenticeship, Level 4

#### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Building, Concreting and Bricklaying, Construction Sites, Exterior Joinery and Stairs, Joinery, Paving and Landscaping, Painting and Decorating, Roofing





## CIVIL INFRASTRUCTURE

### INTRODUCTION TO CIVIL INFRASTRUCTURE WORKS / LEVEL 2

The Introduction to Civil Infrastructure Works (Level 2) course provides foundational knowledge and basic skills for individuals interested in civil infrastructure. Participants will gain essential insights into safe working practices, machinery use and maintenance, temporary traffic management control, driving and licensing requirements, and quality checking of civil construction sites.

Upon completion of this course, students will be equipped with the necessary skills to contribute effectively to civil construction projects and develop a solid understanding of the New Zealand infrastructure works industry.

Delivery: Either block/noho delivery or 1-2 days per week (to be negotiated with each school cohort)

Locations: Whakatāne, Kawerau, Murupara, Tokoroa, and other Bay of Plenty schools / Kura Kaupapa Māori (subject to sufficient applications)

| UNIT STD           | CIVIL INFRASTRUCTURE                                                                                                 | LEVEL | CREDITS |
|--------------------|----------------------------------------------------------------------------------------------------------------------|-------|---------|
| 17327              | Communicate with stakeholders on an infrastructure worksite                                                          |       | 3       |
| 20868              | Demonstrate knowledge of emergency situations, procedures, and responses on an infrastructure worksite               |       | 4       |
| 22283              | Demonstrate knowledge of the New Zealand infrastructure works industry                                               |       | 3       |
| 26720              | Describe health, safety, and environmental care at an infrastructure worksite                                        |       | 3       |
| 6475               | Describe and complete work records for an infrastructure worksite                                                    |       | 2       |
| 6477               | Demonstrate knowledge of aggregates and mixes used on an infrastructure worksite                                     |       | 3       |
| 23285              | Use and care for hand tools used on an infrastructure worksite                                                       |       | 2       |
| 27329              | Demonstrate knowledge of and apply quality assurance practices to own work area in an infrastructure works operation |       | 5       |
| TOTAL CREDIT VALUE |                                                                                                                      | 2     | 25      |

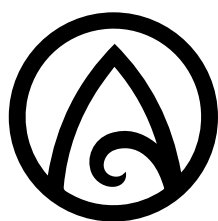
### COURSES PATHWAY TO FURTHER STUDY IN:

Infrastructure Works Level 3, Plant Operations Level 3, Bitumen Surfacing Construction Level 4, Civil Level 4, Single Site Supervision Level 4, Surveying Level 4, Civil Engineering Level 4 and Level 5.

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Roading, Construction Worker, Foreman, Civil Engineer, trades worker.





## TOI WHAKAIRO / CREATIVE INDUSTRIES

### WHAKAIRO CREATIVE / LEVEL 2

An introduction to Toi Whakairo, where Tauira will apply an understanding of the design elements and drawing techniques required to develop and create their own toi whakairo.

Delivery: Either block/noho delivery or 1-2 days per week (to be negotiated with each school cohort)

Locations: Whakatāne, Kawerau, Murupara, Tokoroa, and other Bay of Plenty schools / Kura Kaupapa Māori (subject to sufficient applications)

| UNIT STD           | WHAKAIRO CREATIVE                                          | LEVEL | CREDITS |
|--------------------|------------------------------------------------------------|-------|---------|
| 2580               | Explain design elements used to generate Toi Māori design, |       | 4       |
| 2594               | Employ drawing techniques to create Māori art              |       | 4       |
| 23010              | Generate, develop and refine visual ideas in whakairo      |       | 6       |
| 23013              | Create whakairo, Level 3                                   |       | 6       |
| TOTAL CREDIT VALUE |                                                            | 2     | 20      |

### COURSES PATHWAY TO FURTHER STUDY IN:

Toi Maruata - Certificate in Māori & Indigenous Art - Carving Level 3, Kāwai Raupapa - Certificate in Māori & Indigenous Art - Carving Level 4, Toi Paemātua - Diploma in Māori & Indigenous Art - Carving Level 5, Maunga Kura Toi - Bachelor of Māori Art - Carving Level 7.

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Practicing artist, work in community arts or support whānau, iwi and marae projects. Gallery and exhibition work - exhibition design, curatorial work, front of house. Teaching and arts facilitation. Community-based practitioner - work with whānau, hapū, iwi and hāpori.



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# TRIDENT HIGH SCHOOL

As the Lead Provider of the Futures Academy, Trident High School is working directly with industry partners to pilot and offer work-based training options for students to grow their trades knowledge and skills, and strengthen their pathways into employment.

## ALLIED TRADES TRAINING

### ALLIED TRADES TRAINING (ATT) / LEVEL 2

This course is offered in partnership between BoP House Removals, Galloway Builders, the local Master Builders Association, Te Runanga O Ngati Awa, Trident High School and the Futures Academy.

Students who enrol in Allied Trades Training will learn various skills from different trades through renovating a house (e.g. Plumbing, Electrical, Painting, Flooring, Kitchen design, working at heights, etc). The course tutor (a master builder) and various trades experts will be sharing their knowledge to guide students while creating a building using today's new technology while making it as sustainable as possible.

Students will end the course with having related work experience and skills that could lead into employment in the Allied Trade sector.

Te Runanga O Ngati Awa to provide students with the opportunity to learn Ngāti Awatanga, about local employment and work experience opportunities, and go on local business and innovation visits.

Delivery: 5 days a week for Trident High School students and 3 days a week for local area students, in WHK.

#### 5 DAYS A WEEK : PROGRAMME FOR TRIDENT HIGH SCHOOL STUDENTS

| UNIT STD | ALLIED TRADES TRAINING AND WORK EXPERIENCE                                                                       | LEVEL | CREDITS |
|----------|------------------------------------------------------------------------------------------------------------------|-------|---------|
|          | <b>Allied Construction Skills</b>                                                                                |       |         |
| 12927    | Hand Tools (BCATS)                                                                                               |       | 6       |
| 24350    | Power Tools                                                                                                      |       | 6       |
| 24358    | Plan and Monitor                                                                                                 |       | 3       |
| 12933    | Concrete                                                                                                         |       | 6       |
| 24361    | Maths                                                                                                            |       | 3       |
| 24357    | Communication                                                                                                    |       | 4       |
| 24351    | Machinery                                                                                                        |       | 6       |
| 10851    | Forklift, L3                                                                                                     |       | 7       |
| 17600    | Explain safe work practices for working at heights, L3                                                           |       | 3       |
| 25045    | Employ height safety equipment in the workplace, L3                                                              |       | 4       |
| 23229    | Use safety harness system when working at height, L3                                                             |       | 4       |
|          | <b>Work Readiness Skills</b>                                                                                     |       |         |
| 24871    | Fill in forms                                                                                                    |       | 2       |
| 4261     | Identify legal rights and obligations -motor vehicle ownership                                                   |       | 3       |
| 28094    | Produce a household Budget                                                                                       |       | 3       |
| 7127     | How to make a good purchase choice                                                                               |       | 3       |
| 377      | Diversity in the Workspace                                                                                       |       | 2       |
|          | <b>Employment Skills</b>                                                                                         |       |         |
| 1759     | Demonstrate knowledge of the prevention and management of Discomfort, Pain and Injury (DPI) in the workplace, L3 |       | 8       |
| 12349    | Time Management                                                                                                  |       | 3       |
| 12352    | Describe aspects of ones own lineage / whakapapa, heritage and cultural identity                                 |       | 3       |







# TRIDENT HIGH SCHOOL

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|                    | Work Experience                                      |        |
|--------------------|------------------------------------------------------|--------|
| 4253               | Review potential worksites and roles for placement   | 3      |
| 1294               | Be interviewed at potential worksites                | 2      |
| 10780              | Work Experience                                      | 3      |
|                    | Planning for the Future                              |        |
| 12383              | Explore Career                                       | 3      |
| 4251               | Plan a Career Pathway                                | 3      |
| 4252               | Create a CV showcasing your new skills and knowledge | 2      |
| 10781              | Produce a plan for future Directions                 | 2      |
| TOTAL CREDIT VALUE |                                                      | 2-3 83 |

## 3 DAYS A WEEK : PROGRAMME FOR AREA STUDENTS

| UNIT STD           | ALLIED TRADES TRAINING AND WORK EXPERIENCE                                                                       | LEVEL | CREDITS |
|--------------------|------------------------------------------------------------------------------------------------------------------|-------|---------|
|                    | Allied Construction Skills                                                                                       |       |         |
| 12927              | Hand Tools (BCATS)                                                                                               |       | 6       |
| 24350              | Power Tools                                                                                                      |       | 6       |
| 24358              | Plan and Monitor                                                                                                 |       | 3       |
| 12933              | Concrete                                                                                                         |       | 6       |
| 24361              | Maths                                                                                                            |       | 3       |
| 24357              | Communication                                                                                                    |       | 4       |
| 24351              | Machinery                                                                                                        |       | 6       |
| 10851              | Forklift, L3                                                                                                     |       | 7       |
| 17600              | Explain safe work practices for working at heights, L3                                                           |       | 3       |
| 25045              | Employ height safety equipment in the workplace, L3                                                              |       | 4       |
| 23229              | Use safety harness system when working at height, L3                                                             |       | 4       |
| 1759               | Demonstrate knowledge of the prevention and management of Discomfort, Pain and Injury (DPI) in the workplace, L3 |       | 8       |
| TOTAL CREDIT VALUE |                                                                                                                  | 2-3   | 60      |

*\* Students can earn up to the total credits amounts but will be dependent on their participation, workbook completion, and attendance.*

## COURSES PATHWAY TO FURTHER STUDY IN:

Any level 3 course at school, Building and Construction Level 3 at Toi Ohomai or other training institutions.

## TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Hammerhands, builder, painter, roofer, gibbing installer, flooring installer, kitchen installer, allied trades labourer.





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# PATCHELL INDUSTRIES LTD

IN PARTNERSHIP WITH TRIDENT HIGH SCHOOL

## TRANSPORT ENGINEERING – FABRICATION / LEVEL 2-3

This work-based training opportunity takes place at Patchell Industries Limited in Rotorua. Students will partake in a journey of real work experiences in a full-sized workshop using tools that support the transportation, logistics and primary industries sectors.

Patchell Industries offer students a “real” employment experience while gaining NCEA credits. Students will go through a full recruitment and onboarding process, starting with applying for the position, followed by a selection interview. Successful applicants will finish with pre-employment drug tests, followed up by a health and safety induction.

Once students have completed their induction, students will be assigned to a supervisor and team, receive instruction and training. They will then be assigned Job Cards to be accountable for their time and task completion, followed by timesheets. This provides an audit trail for their work-based training. This practical learning experience will give them full awareness of how their new skills are applied to a manufactured product (Heavy Road Transport Trailer).

Course delivery: terms 1-3, 1 day per week, at Patchell Engineering in ROT.

A second day of work-based training can be negotiated as a Gateway Work Experience with the school and Patchell Engineering.



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| UNIT STD                  | TRANSPORT ENGINEERING – FABRICATION                                                                             | LEVEL      | CREDITS   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------|------------|-----------|
| 1294                      | Be Interviewed in a formal Interview                                                                            |            | 4         |
| 10791                     | Participate in a meeting                                                                                        |            | 2         |
| 1299                      | Be assertive in a range of specified situations                                                                 |            | 3         |
| 29397                     | Calculations used in Mechanical Engineering and technical trades                                                |            | 4         |
| 21911                     | Demonstrate Knowledge of safety on an engineering worksite                                                      |            | 2         |
| 21912                     | Apply safe working practice on an engineering worksite                                                          |            | 2         |
| 21907                     | Demonstrate knowledge of welding principles and quality control and safe welding practice under supervision     |            | 4         |
| 2395                      | Demonstrate and apply knowledge of selection, use and care for engineering hand tools                           |            | 4         |
| 2396                      | Demonstrate and apply knowledge of selection, use and care for portable hand-held power tools                   |            | 4         |
| 30282*                    | Weld steel structures in the downhand positions using the gas shielded flux cored arc welding process, Level 3* |            | 6         |
| 30283*                    | Weld steel structures in the downhand positions using the gas metal arc welding process, Level 3*               |            | 6         |
| 29730                     | Apply good work practices when performing basic fabrication operations under supervision                        |            | 6         |
| <b>TOTAL CREDIT VALUE</b> |                                                                                                                 | <b>2-3</b> | <b>47</b> |

*\*L3 credits are pending approval.*

#### **COURSES PATHWAY TO FURTHER STUDY IN:**

NZ Certificate in Mechanical Engineering (Level 3), NZ Certificate in Mechanical Engineering (Trade) (Level 4), NZ Certificate in Engineering Fabrication (Level 3), NZ Apprenticeship Mech Engineering / Fabrication Engineering- all strands (Level 4)

#### **TYPES OF EMPLOYMENT THESE COURSES LEAD TO:**

Fabrication and welding of steel componentry and structures in general engineering, transport, agriculture, forestry, construction, dairy, automotive, building, and marine Industries. Roles in maintenance, fitting, machining, and general engineering.

#### **THIS IS WHAT YOUR FUTURE CAN LOOK LIKE**

- Bianca, from Gateway to Trade Certified and a homeowner at 21 years old.
- Jason, from Apprentice to lifestyle block owner and now owns his own Engineering business at 29 years old.
- Sam, from Apprentice to homeowner, supervisor, and now training for management at 30 years old





# TRIDENT HIGH SCHOOL

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## CREATIVE INDUSTRIES

### WORKING AS A CREATIVE / LEVEL 2

In this course, students will learn design, entrepreneurial, and business skills that will help them to work in the creative sector. Students will visit and learn from local artists, retail establishments, and industry, participate in work experience, and have the opportunity to sell their wares at local markets, as well as earn NCEA credits.

The course will include:

- Learning from visiting artists, working creatives, alumni, and through visits to Te Puia, local or national artists, creative industries and festivals
- Work experience
- The opportunity to share, sell, their designs or wares at a market each term.
- The creation of a portfolio of work, and a CV, that can be used by the students to assist them towards their next steps working as a creative
- The course may also include work readiness skills (like drivers licence practice / attainment, practical literacy numeracy practice, communication skills, etc)

Delivery: full year February to the end of October, 5 days a week for Trident High School students, 3 days a week for Area School students, in WHK.

### 5 DAYS A WEEK : PROGRAMME FOR TRIDENT HIGH SCHOOL STUDENTS

| UNIT STD | WORKING AS A CREATIVE                                                                             | LEVEL | CREDITS |
|----------|---------------------------------------------------------------------------------------------------|-------|---------|
|          | <b>Learning as a creative</b>                                                                     |       |         |
| 91305    | Demonstrate an understanding of methods and ideas from established practice appropriate to design |       | 4       |
| 91310    | Use drawing methods to apply knowledge of conventions appropriate to design                       |       | 4       |
| 2580     | Explain design elements used to generate Toi Māori design                                         |       | 4       |
| 2594     | Employ drawing techniques to create toi Māori                                                     |       | 4       |
|          | <b>The business side of being a Creative</b>                                                      |       |         |
| 7127     | How to make a good purchase choice                                                                |       | 3       |
| 28094    | Produce a Budget                                                                                  |       | 3       |
|          | <b>A Creative project / portfolio</b>                                                             |       |         |
| 91325    | Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.  |       | 4       |
| 11949    | Create displays using supplied materials in a retail or distribution environment                  |       | 2       |
| 11951    | Present goods for sale in a retail or distribution environment                                    |       | 2       |
| 28295    | Demonstrate knowledge of serving customers in a retail environment                                |       | 5       |
|          | <b>Work Experience</b>                                                                            |       |         |
| 4253     | Review potential worksites and roles for placement                                                |       | 3       |
| 1294     | Be interviewed at potential worksites                                                             |       | 2       |
| 10780    | Work Experience                                                                                   |       | 3       |
|          | <b>Employment Skills</b>                                                                          |       |         |
| 1759     | Discomfort and Pain and Injury Prevention, L3                                                     |       | 8       |
| 12349    | Time Management                                                                                   |       | 3       |
| 12352    | Describe aspects of ones own lineage / whakapapa, heritage and cultural identity                  |       | 3       |



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## TRIDENT HIGH SCHOOL

|                    | Planning for the Future as a Creative                |    |
|--------------------|------------------------------------------------------|----|
| 12383              | Explore career options                               | 3  |
| 4251               | Plan a Career Pathway                                | 3  |
| 4252               | Create a CV showcasing your new skills and knowledge | 2  |
| 10781              | Produce a plan for future Directions                 | 2  |
| TOTAL CREDIT VALUE |                                                      | 59 |

*\*Additional credits may also be earned*

### 3 DAYS A WEEK : PROGRAMME FOR LOCAL SCHOOL STUDENTS

| UNIT STD           | WORKING AS A CREATIVE                                                                             | LEVEL | CREDITS |
|--------------------|---------------------------------------------------------------------------------------------------|-------|---------|
|                    | <b>Learning as a creative</b>                                                                     |       |         |
| 91305              | Demonstrate an understanding of methods and ideas from established practice appropriate to design |       | 4       |
| 91310              | Use drawing methods to apply knowledge of conventions appropriate to design                       |       | 4       |
| 2580               | Explain design elements used to generate Toi Māori design                                         |       | 4       |
| 2594               | Employ drawing techniques to create toi Māori                                                     |       | 4       |
|                    | <b>The business side of being a Creative</b>                                                      |       |         |
| 7127               | How to make a good purchase choice                                                                |       | 3       |
| 28094              | Produce a Budget                                                                                  |       | 3       |
|                    | <b>A Creative project / portfolio</b>                                                             |       |         |
| 91325              | Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.  |       | 4       |
| 11949              | Create displays using supplied materials in a retail or distribution environment                  |       | 2       |
| 11951              | Present goods for sale in a retail or distribution environment                                    |       | 2       |
| 28295              | Demonstrate knowledge of serving customers in a retail environment                                |       | 5       |
|                    | <b>Planning for the Future as a Creative</b>                                                      |       |         |
| 12383              | Explore career options                                                                            |       | 3       |
| 4251               | Plan a Career Pathway                                                                             |       | 3       |
| 4252               | Create a CV showcasing your new skills and knowledge                                              |       | 2       |
| 10781              | Produce a plan for future Directions                                                              |       | 2       |
| TOTAL CREDIT VALUE |                                                                                                   | 2     | 45      |

*\*Additional credits may also be earned*

*3 day students can also negotiate a Gateway Work placement to go alongside this course with their home school Careers Advisor for additional experience and credits*

### COURSES PATHWAY TO FURTHER STUDY IN:

Any level 3 course at school. NZ Certificate in Arts and Design, Level 3 through Te Pukenga. NZ Certificate in Ngā Toi, level 3, Te Wānanga o Aotearoa

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Artist, designer, marketing, entrepreneur, business owner, retail sales.

## CONSTRUCTION

### TE KAKAU O TE TOKI / CONSTRUCTION ACADEMY

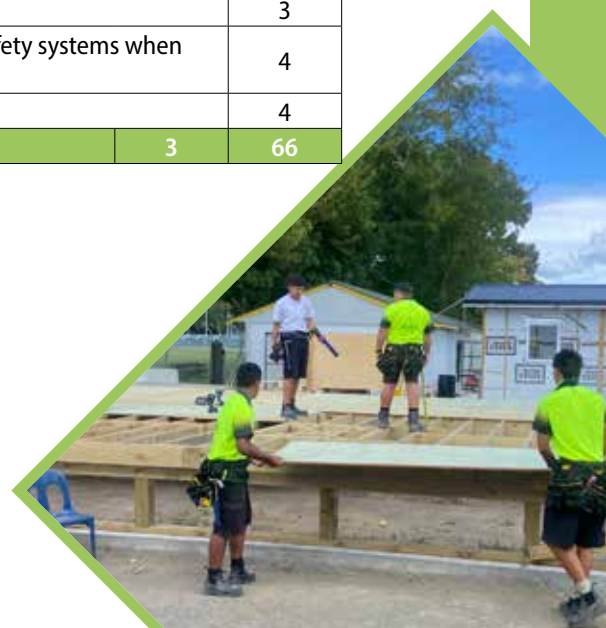
The Level 3 BCITO course is a hands-on program that spans over 30 weeks, with 3 full days of onsite training each week, accompanied by work placements. There are at least 60 credits on offer throughout this course, 40 through the BCITO standards and the rest through a range of other standards including, employment skills, communication in the workplace, health and safety, working at heights.

The course is tailored to cater to the specific needs of our local students, focusing on building skills, hand and power tools use and maintenance, health and safety, and communication skills. Additionally, the course includes collaboration with Ngāti-Awatanga, ensuring cultural inclusivity and diversity within the learning environment. Students will have the opportunity to gain practical experience and industry knowledge, preparing them for a successful career in the building and construction sector.

Delivery: Full year, 5 days a week for Whakatāne High School students, and 3 days a week for area school students, in WHK.

#### 5 DAYS A WEEK : PROGRAMME FOR WHAKATĀNE HIGH SCHOOL STUDENTS

| UNIT STD           | TE KAKAU O TE TOKI / CONSTRUCTION ACADEMY                                                         | LEVEL | CREDITS |
|--------------------|---------------------------------------------------------------------------------------------------|-------|---------|
| 29677              | Follow safe workplace practices, and contribute to a health and safety culture                    |       | 2       |
| 29678              | Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project                   |       | 4       |
| 29679              | Develop and use BCATS project documentation for a Stage 3 BCATS project                           |       | 8       |
| 29680              | Communicate and work collaboratively in a Stage 3 BCATS project                                   |       | 5       |
| 29681              | Measure and calculate for a Stage 3 BCATS project                                                 |       | 3       |
| 29682              | Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS                      |       | 4       |
| 29683              | Incorporate other building, construction and allied trades into a Stage 3 BCATS                   |       | 2       |
| 29684              | Undertake a Stage 3 BCATS project                                                                 |       | 12      |
| 19522              | Undertake job safety analysis                                                                     |       | 3       |
| 30265              | Apply health and safety risk assessment to a job role                                             |       | 8       |
| 17586              | Demonstrate knowledge of electrical safety in the workplace                                       |       | 4       |
| 17600              | Explain safe work practices for working at heights                                                |       | 3       |
| 15757              | Use, install and disestablish temporary proprietary height safety systems when working at heights |       | 4       |
| 23229              | Use safety harness system when working at heights                                                 |       | 4       |
| TOTAL CREDIT VALUE |                                                                                                   | 3     | 66      |



**JO-ANNE STUART**

jo-anne.stuart@whs.co.nz



### 3 DAYS A WEEK : PROGRAMME FOR AREA HIGH SCHOOL STUDENTS

| UNIT STD           | TE KAKAU Ō TE TOKI / CONSTRUCTION ACADEMY                                       | LEVEL | CREDITS |
|--------------------|---------------------------------------------------------------------------------|-------|---------|
| 29677              | Follow safe workplace practices, and contribute to a health and safety culture  |       | 2       |
| 29678              | Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project |       | 4       |
| 29679              | Develop and use BCATS project documentation for a Stage 3 BCATS project         |       | 8       |
| 29680              | Communicate and work collaboratively in a Stage 3 BCATS project                 |       | 5       |
| 29681              | Measure and calculate for a Stage 3 BCATS project                               |       | 3       |
| 29682              | Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS    |       | 4       |
| 29683              | Incorporate other building, construction and allied trades into a Stage 3 BCATS |       | 2       |
| 29684              | Undertake a Stage 3 BCATS project                                               |       | 12      |
| TOTAL CREDIT VALUE |                                                                                 | 3     | 40      |

### COURSES PATHWAY TO FURTHER STUDY IN:

BCITO Apprenticeship, level 4, Building and Construction, level 4 at Toi Ohomai

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Building, Concreting and Bricklaying, Construction Sites, Exterior Joinery and Stairs, Joinery, Paving and Landscaping, Painting and Decorating, Roofing.





**WOOD WISE** LTD  
WOOD INDUSTRY SKILLS EDUCATION

*\* Please contact the mill site where your student wishes to be considered as a work based training trainee, to set up an interview and to send their application*

In partnership with area Saw Mills.

## TIMBER TRADES

### TIMBER TRADES TRAINING / LEVEL 2

This course will be based at local timber mills across the Bay of Plenty through a partnership between the mills and the Woodwise private training provider. Wood Wise is a high quality, specialty provider which produces graduates who are valued by employers and who contribute positively to the solid wood industry.

Students, who are 16 years or older, can apply for placement for this 2 day a week training program at a timber mill nearby. Through this work-based training, students will learn about timber grading, or pole, post and pile manufacturing and see and experience the various operations that make up timber manufacturing and earn credits towards the NZ Certificate in Solid Wood Manufacturing.

Student applicants will be treated like trainee employee's at the mill sites, and as such will be interviewed before being accepted into the training program (up to 2 trainees per site).

Students will be supervised and supported by mill staff to learn about the various facets of the timber business that they find fascinating and could lead into further apprenticeships or employment.

A third day of work-based training can be negotiated with the sawmill and school, as Gateway work experience, if desired. Some students may also be offered paid work.

Course delivery: Full year, 2 days a week; at sawmills in Kawerau, Rotorua, Katikati and Te Puke.

| UNIT STD                  | SOLID WOOD MANUFACTURING - TIMBER GRADING                                                                 | LEVEL      | CREDITS   |
|---------------------------|-----------------------------------------------------------------------------------------------------------|------------|-----------|
| 22970                     | Demonstrate employment and interrelationship foundation skills in a wood manufacturing operation          |            | 10        |
| 22973                     | Demonstrate knowledge of factors that affect the performance of workers in a wood manufacturing operation |            | 10        |
| 22977                     | Demonstrate knowledge of workplace risks in a wood manufacturing operation                                |            | 5         |
| 736                       | Demonstrate knowledge of physical characteristics of wood                                                 |            | 5         |
| 27074                     | Demonstrate Knowledge of Timber grading                                                                   |            | 5         |
| 22969                     | Take and record measurements and make calculations in wood manufacturing                                  |            | 3         |
| 17971                     | Demonstrate knowledge of the solid wood manufacturing industry                                            |            | 5         |
| 729                       | Measure moisture content of wood products                                                                 |            | 5         |
|                           | <b>&amp; 10 credits from the following</b>                                                                |            |           |
| 20751                     | Operate a cross cut saw centre, L3                                                                        |            | 5         |
| 8005                      | Stack timber in packets using mechanical timber stacking system                                           |            | 5         |
| 24607                     | Wrap wood products manually                                                                               |            | 3         |
| 164                       | Tally timber                                                                                              |            | 3         |
| 165                       | Handle, sort, and stack timber                                                                            |            | 3         |
| 20754                     | Demonstrate knowledge of mechanical stress grading timber                                                 |            | 5         |
| 156                       | Demonstrate knowledge of phytosanitary standards in the wood manufacturing industry                       |            | 3         |
| <b>TOTAL CREDIT VALUE</b> |                                                                                                           | <b>2-3</b> | <b>58</b> |





*\* Please contact the mill site where your student wishes to be considered as a work based training trainee, to set up an interview and to send their application*



**WOOD WISE** LTD  
WOOD INDUSTRY SKILLS EDUCATION

| UNIT STD                  | POLE, POST, & PILE                                                                                        | LEVEL      | CREDITS   |
|---------------------------|-----------------------------------------------------------------------------------------------------------|------------|-----------|
| 22970                     | Demonstrate employment and interrelationship foundation skills in a wood manufacturing operation          |            | 10        |
| 22973                     | Demonstrate knowledge of factors that affect the performance of workers in a wood manufacturing operation |            | 10        |
| 22977                     | Demonstrate knowledge of workplace risks in a wood manufacturing operation                                |            | 5         |
| 736                       | Demonstrate knowledge of physical characteristics of wood                                                 |            | 5         |
| 17971                     | Demonstrate knowledge of the solid wood manufacturing industry                                            |            | 5         |
| 1252                      | Demonstrate knowledge of log making, L3                                                                   |            | 5         |
| 6916                      | Demonstrate knowledge of the rules relating to chainsaw use                                               |            | 5         |
| 156                       | Demonstrate knowledge of phytosanitary standards in the wood manufacturing industry                       |            | 3         |
| 8008                      | Demonstrate knowledge of log yard operations                                                              |            | 5         |
| 20022                     | Grade roundwood products, L3                                                                              |            | 8         |
| 20751                     | Operate a cross cut saw centre, L3                                                                        |            | 5         |
| 22969                     | Take and record measurements and make calculations in wood manufacturing                                  |            | 3         |
| 165                       | Handle, sort, and stack timber                                                                            |            | 3         |
| 6917                      | Demonstrate basic chainsaw operation, L3                                                                  |            | 12        |
| <b>TOTAL CREDIT VALUE</b> |                                                                                                           | <b>2-3</b> | <b>81</b> |

*\* Credits earned may differ and will depend on students regular attendance and active participation.*

#### **COURSES PATHWAY TO FURTHER STUDY IN:**

Level 3, 4, 5 apprenticeships as a timber machinist, timber grader, saw doctor, finger jointer, sawmilling, manufacturing, maintenance trades, timber treatment, timber kiln drying.

#### **TYPES OF EMPLOYMENT THESE COURSES LEAD TO:**

Project or maintenance engineer, Optimization technician, Kiln operator, Timber machinist, Quality control / grader, Health and safety or management roles.





**WOOD WISE** LTD  
WOOD INDUSTRY SKILLS EDUCATION

*\* Please contact the mill site where your student wishes to be considered as a work based training trainee, to set up an interview and to send their application*

## TIMBER MILL WORK BASED TRAINING PARTNERS / SITES

Please contact the mill site where your student wishes to be considered as a work based training trainee, to set up an interview and to send their application.

### ROTORUA

#### RED STAG TIMBER

Melissa Bennett / Angela Kruse (HR)  
recruitment@redstagtimber.co.nz  
07 349 5800

#### HUME PINE

Craig Peters  
craig.peters@humepine.nz  
07 345 6994

#### CLAY MARK - ROTORUA

Megan Lacy  
Megan.lacy@claymark.co.nz  
027 212 2326

### TAURANGA

#### CLAY MARK - KATIKATI

Josie Ball  
josie.ball@claymark.co.nz  
027 200 7824

#### PUKE PINE

David Sandford  
david@pukepine.co.nz  
021 542 154

### EBOP

#### SEQUAL LUMBER

Dave Turner  
David@sequal.nz  
021 887 899

## WOODWISE

Work based training partner who works collaboratively with the Mill lead to assess students learning and training.

#### WOODWISE

Paul Carpenter  
paulc@woodwise.co.nz  
027 270 4431



ANNE HÉLÈNE,  
JAMIE & SINIVA  
STP@toiohomai.ac.nz  
07 346 8858

# TOI-OHOMAI

## Institute of Technology

At Toi Ohomai we truly believe that your success is key to the success of our whole region. That's why we're here - to help make your dreams a reality.

With courses specialties in construction, engineering, primary industries, hospitality, tourism, and creative arts, and more, there's something for everyone.

Toi Ohomai Courses pathway learners to further trades training options, including:

- Certificates, Levels 1-3
- NZ Certificates, Levels 3-4 Diploma's Levels 5-7
- Apprenticeships in Construction and Automotive
- Further university studies – such as bachelor's degrees in business, computer science

## CONSTRUCTION & INFRASTRUCTURE

Would you like to work in the construction industry? The construction industry is booming and in need of qualified builders. Get a head start by gaining the right skills and knowledge you need to succeed. This pathway prepares you to enter the construction workforce in a range of areas, including as an apprentice.

### CONSTRUCTION / LEVEL 2

Students will enjoy this hands-on course where they will start working on concrete works and building their first project.

Course delivery: Terms 1-3, 1 day per week, ROT, TPO, TGA, TOK, WHK if sufficient applications.

| UNIT STD | CONSTRUCTION - LEVEL 2                                                              | LEVEL    | CREDITS   |
|----------|-------------------------------------------------------------------------------------|----------|-----------|
|          | <b>Building Construction 1</b>                                                      |          |           |
| 12932    | Garden Furniture                                                                    |          | 8         |
| 12927    | Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects   |          | 6         |
|          | <b>Building Construction 2</b>                                                      |          |           |
| 12936    | Construct a non-consent timber framed utility building as a BCATS project           |          | 8         |
| 24350    | Identify, select, maintain, and use portable power tools for BCATS projects         |          | 6         |
| 24358    | Plan and monitor the construction of a BCATS project, and quality check the product |          | 3         |
| 22607    | Read and interpret plans, working drawings and specifications for BCATS projects    |          | 3         |
|          | <b>OR Building Construction3</b>                                                    |          |           |
| 31812    | Complete a BCATS project                                                            |          | 6         |
| 24350    | Identify, select, maintain, and use portable power tools for BCATS projects         |          | 6         |
| 24358    | Plan and monitor the construction of a BCATS project, and quality check the product |          | 3         |
| 22607    | Read and interpret plans, working drawings and specifications for BCATS projects    |          | 3         |
|          | <b>TOTAL CREDIT VALUE</b>                                                           | <b>2</b> | <b>28</b> |



## CARPENTRY AND JOINERY / LEVEL 3

This comprehensive course while still being at school will give you a great start and teach you a variety of industry valued skills making you a valuable candidate to pathway into the NZC in Construction or for a construction apprenticeship. You'll enjoy work on a range of exciting projects.

Course delivery: Terms 1-3, 2 days per week, ROT, TPO, TGA, TOK, WHK if sufficient applications.

| UNIT STD | CARPENTRY AND JOINERY - LEVEL 3                                                                        | LEVEL    | CREDITS   |
|----------|--------------------------------------------------------------------------------------------------------|----------|-----------|
| 29684    | Undertake a Stage 3 BCATS project                                                                      |          | 12        |
| 29682    | Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project                   |          | 4         |
| 29681    | Measure and calculate for a Stage 3 BCATS project                                                      |          | 3         |
| 29678    | Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project                        |          | 4         |
| 29677    | Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment |          | 2         |
| 29680    | Communicate and work collaboratively in a Stage 3 BCATS project                                        |          | 5         |
|          | <b>TOTAL CREDIT VALUE</b>                                                                              | <b>3</b> | <b>30</b> |

### COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Construction Trade Skills (Level 3) NZ Certificate in Carpentry (Level 4), NZ Diploma in Construction (Construction Management) (Level 6) NZ Diploma in Construction (Quantity Surveying) (Level 6).

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Apprentice within the Construction Industry, Qualified Carpenter, Supervisory and Management roles within the Construction Industry.





## MANUFACTURING & TECHNOLOGY

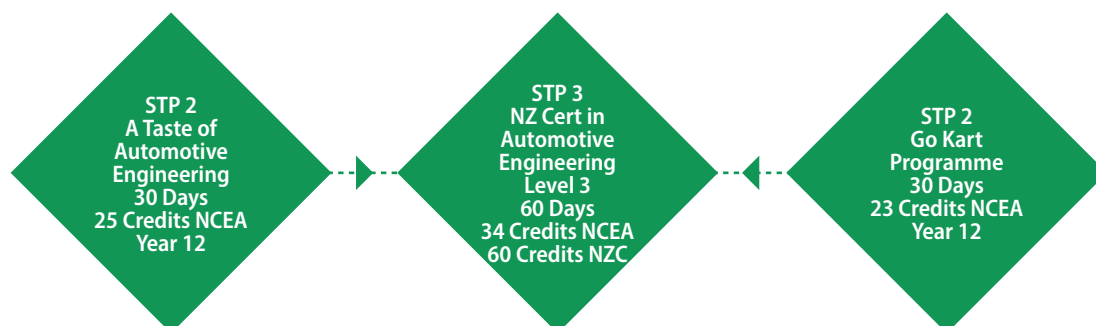
Are you... practical, inventive, logical, a problem solver, analytical, hands-on, tech savvy, detailed? There's an amazing mix of jobs across this sector to suit everyone.

You might be fabricating, installing, fixing or maintaining systems, or performing tasks that involve lots of thinking, planning and calculations. Some roles are highly creative; others are methodical, detailed and precise. You'll be working with tools, machinery or computers to produce one-off or mass-produced products.

### AUTOMOTIVE PATHWAY

The automotive industry is in need of skilled workers. Get the training and experience you need.

Your automotive pathway starts here with a hands-on vehicle strip, then either build a go kart or automotive based learning. Finally begin your NZ Cert apprenticeship while still at school.



### BUILD A GO KART / LEVEL 2

This is designed for people with a little knowledge of metal work as you build a complete petrol powered go kart from the ground up learning new skills and the ability to purchase the finished go kart.

Course delivery: terms 1-3, 1 day per week, ROT, TGA.

| UNIT STD           | BUILD A GO KART                                                                 | LEVEL | CREDITS |
|--------------------|---------------------------------------------------------------------------------|-------|---------|
| 29580              | Demonstrate good work habits and safe work practices in the automotive industry |       | 4       |
| 21671              | Carry out general engineering tasks in the motor industry                       |       | 4       |
| 21685              | Use an oxy-acetylene welding plant in the motor industry                        |       | 3       |
| 2678               | Join steel using the oxyacetylene welding process                               |       | 3       |
| 21859              | Select and use hand tools and workshop equipment for an automotive application  |       | 2       |
| 2387               | Assemble mechanical components under supervision                                |       | 2       |
| 30475              | Demonstrate knowledge of motor industry engineering tasks                       |       | 2       |
| 30476              | Demonstrate knowledge of tools and equipment used in the motor industry         |       | 2       |
| 21715              | Select and use fastening systems in the motor industry                          |       | 3       |
| TOTAL CREDIT VALUE |                                                                                 | 2-3   | 25      |



## A TASTE OF AUTOMOTIVE ENGINEERING / LEVEL 2

This is where you start to learn the basics of the Automotive industry with hands on tasks and understanding of automotive systems and process. The perfect start to a career in the Automotive industry.

Changing USD's, tbc.

Course delivery: terms 1-3, 1 day per week, ROT, TPO, TGA, TOK, WHK if sufficient numbers.

| UNIT STD           | AUTOMOTIVE ENGINEERING                                                                              | LEVEL | CREDITS |
|--------------------|-----------------------------------------------------------------------------------------------------|-------|---------|
| 30476              | Demonstrate knowledge of tools and equipment used in the motor industry                             |       | 2       |
| 21716              | Select and apply lubricants and sealants for automotive and related industry applications           |       | 3       |
| 21869              | Remove and replace road wheels on a vehicle                                                         |       | 1       |
| 21722              | Balance wheels of a vehicle in the motor industry                                                   |       | 2       |
| 30477              | Demonstrate knowledge of petrol and diesel engines                                                  |       | 4       |
| 21691              | Disassemble and reassemble a single cylinder or multi-cylinder four stroke engine under supervision |       | 2       |
| 30478              | Demonstrate knowledge of automotive lubricants                                                      |       | 2       |
| 21690              | Perform general servicing checks on a motor vehicle                                                 |       | 3       |
| 21718              | Demonstrate knowledge of hazardous materials used in the motor industry                             |       | 2       |
| 29579              | Demonstrate knowledge of good work habits and safe work practices in the automotive industry        |       | 4       |
| TOTAL CREDIT VALUE |                                                                                                     | 2-3   | 25      |



## AUTOMOTIVE ENGINEERING / LEVEL 3

You'll get plenty of hands-on practice during this practical automotive course. Starting with the basics, you'll develop a full range of skills to service and repair all makes and models. We'll show you how to disassemble, measure and reassemble an engine. You'll also service engine transmission and driveline systems, and brake, steering and suspension systems. Ideally you would have already done STP1 or STP2 before starting this course.

Course delivery: terms 1-3, 2 days per week, ROT, TPO, TGA, TOK, WHK if sufficient numbers.

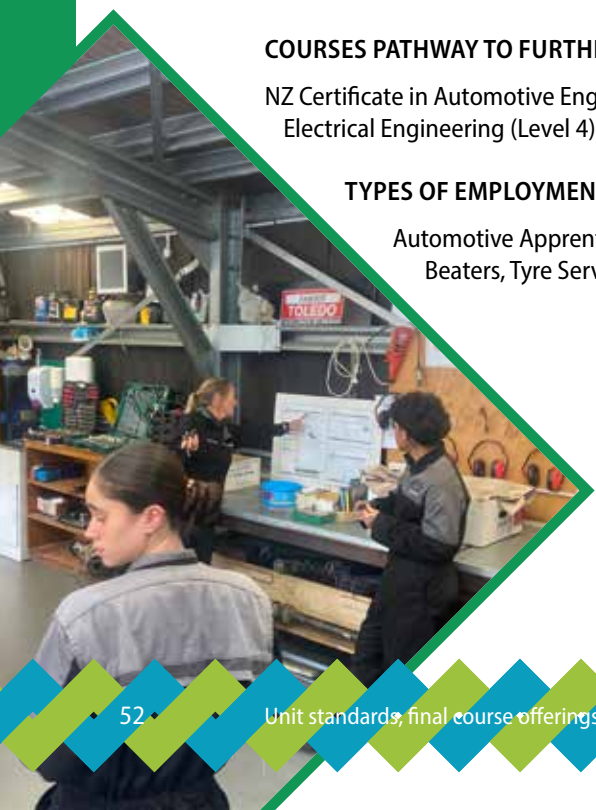
| UNIT STD                  | NZC AUTOMOTIVE ENGINEERING                                                           | LEVEL      | CREDITS   |
|---------------------------|--------------------------------------------------------------------------------------|------------|-----------|
|                           | <b>Automotive Workshop Safety</b>                                                    |            | 6         |
| 3856                      | Identify emergency procedures in the motor and related industries                    |            | 2         |
| 29580                     | Demonstrate good work habits and safe work practices in the automotive industry      |            | 4         |
|                           | <b>Basic Workshop Engineering Tasks, Tools and Equipment</b>                         |            | 9         |
| 21684                     | Use a MIG welding plant in the motor industry                                        |            | 3         |
| 21685                     | Use an oxy-acetylene welding plant in the motor industry                             |            | 3         |
| 30570                     | Demonstrate knowledge of welding in the motor industry                               |            | 3         |
|                           | <b>Engines</b>                                                                       |            | 3         |
| 24275                     | Disassemble, inspect, and reassemble an engine short block under general supervision |            | 3         |
|                           | <b>Engine Systems</b>                                                                |            | 12        |
| 30478                     | Demonstrate knowledge of automotive lubricants                                       |            | 2         |
| 30479                     | Service an automotive cooling system                                                 |            | 3         |
| 30480                     | Demonstrate knowledge of automotive cooling systems and engine coolant               |            | 2         |
| 30436                     | Demonstrate knowledge of an electronic fuel injection (EFI) system                   |            | 2         |
| 30434                     | Service a vehicle or machine                                                         |            | 3         |
|                           | <b>Driveline systems</b>                                                             |            | 7         |
| 24689                     | Carry out routine maintenance on automotive automatic transmissions                  |            | 4         |
| 30516                     | Replace driveline components                                                         |            | 3         |
| <b>TOTAL CREDIT VALUE</b> |                                                                                      | <b>2-3</b> | <b>37</b> |

### COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Automotive Engineering (Level 3) - Managed Apprentices  
NZ Certificate in Automotive Electrical Engineering (Level 4)

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Automotive Apprenticeship, Automotive Sales, Automotive Servicing, Brake Servicing, Panel Beaters, Tyre Servicing, Warrant of Fitness Testing



## MECHANICAL ENGINEERING

Want to join the diverse and growing engineering industry but not sure which path to take? This is a great pathway to get a taste of the growing Engineering field.

### ENGINEERING / LEVEL 2

This comprehensive one-year course while still being at school will give you a great start and teach you a variety of industry valued skills making you a valuable candidate to pathway into the NZC in Engineering L3 or gain employment in the engineering industry.

Course delivery: terms 1-3, 1 day per week, ROT, TGA.

| UNIT STD | MECHANICAL ENGINEERING                                                                    | LEVEL    | CREDITS   |
|----------|-------------------------------------------------------------------------------------------|----------|-----------|
|          | <b>Mechanical Engineering Core Skills</b>                                                 |          | 13        |
| 21911    | Demonstrate knowledge of safety on engineering worksites                                  |          | 2         |
| 21912    | Apply safe working practices on an engineering worksite                                   |          | 2         |
| 4433     | Select, use, and care for simple measuring devices used in engineering                    |          | 2         |
| 2395     | Demonstrate and apply knowledge of the selection, use, and care of engineering hand tools |          | 4         |
| 4436     | Select, use, and care for engineering marking-out equipment                               |          | 3         |
|          | <b>Mechanical Engineering Workshop Skills</b>                                             |          | 12        |
| 14866    | Demonstrate workshop skills for mechanical engineering                                    |          | 12        |
|          | <b>TOTAL CREDIT VALUE</b>                                                                 | <b>2</b> | <b>25</b> |

#### COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Mechanical Engineering (Level 3), NZ Certificate in Mechanical Engineering (Trade) (Level 4) NZ Certificate in Engineering Fabrication (Level 4), NZ Diploma in Engineering (Level 6) Civil Engineering; Electrical Engineering; Mechanical Engineering.

#### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Manual and CNC Machining of multiple material types in a manufacturing workshop. Fabrication and welding of steel and stainless-steel components in structural steel building and construction, transport, automotive, marine and dairy industries. Fabrication and welding of Aluminium products in the boat building and transport industry's, Plant maintainer/ service technician in the food processing, pulp and paper, power generation, Dairy and forestry sectors.





## PRIMARY INDUSTRIES

If you like the outdoors and want to apply your skills in a high-tech sector, the primary industries are for you. You may end up on a farm, in a forest, in a nursery or orchard, in a production plant, or on the sea. Your workload and tasks may change with the seasons. There are plenty of scientific career paths too as New Zealand's primary sector strives to be innovative and environmentally sustainable to compete in the global marketplace.

## FARMING

Farm work is great for those that enjoy the outdoors and mucking in. It provides a lifestyle where each day is different and you can wear multiple hats from shepherd, vet, plumber, builder, electrician and machine operator.

The skills you'll gain in this course are transferable and can be applied to many other industries. They're also skills that farm employers need. Once or twice a week enjoy hands on, practical learning during class trips to various types of farms where your tutor will show you the ropes. Learn in a supportive environment and become part of NZ's booming agriculture industry.

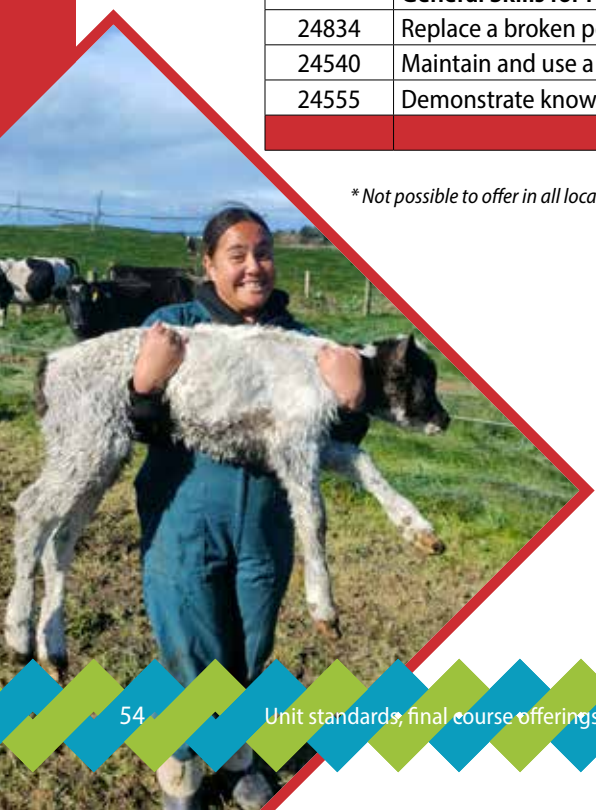
*\*Schools should be prepared for sudden change requests in delivery days due to weather conditions*

## FARMING & AGRICULTURE / LEVEL 2

Course delivery: terms 1-3, 1 day per week, ROT, TPO, TGA, TOK, WHK if sufficient numbers.

| UNIT STD | FARMING & AGRICULTURE                                                                    | LEVEL    | CREDITS   |
|----------|------------------------------------------------------------------------------------------|----------|-----------|
|          | <b>Livestock Handling</b>                                                                |          |           |
| 19114    | Assist with handling and treatment of livestock                                          |          | 6         |
| 19116    | Demonstrate knowledge of livestock behaviour and welfare in a primary industry operation |          | 3         |
|          | <b>Staying Safe in Primary Industries</b>                                                |          |           |
| 31656    | Demonstrate knowledge of safe work practices in a primary industry operation V1 L2 10CR  |          | 10        |
|          | <b>General Skills for Primary Industry</b>                                               |          |           |
| 24834    | Replace a broken post and repair a broken wire in fences                                 |          | 5         |
| 24540    | Maintain and use a petrol-powered brush cutter                                           |          | 2         |
| 24555    | Demonstrate knowledge of the safe operation of motorcycle                                |          | 3         |
|          | <b>TOTAL CREDIT VALUE</b>                                                                | <b>2</b> | <b>29</b> |

*\*Not possible to offer in all locations, so courses will be offered in locations with largest of enrolments.*



## FARMING & AGRICULTURE / LEVEL 3

Course delivery: terms 1-3, 2 days per week, ROT, TPO, TGA, TOK, WHK if sufficient numbers.

| UNIT STD           | FARMING & AGRICULTURE                                                            | LEVEL | CREDITS |
|--------------------|----------------------------------------------------------------------------------|-------|---------|
| 19115              | Handle and move livestock                                                        |       | 6       |
| 32009              | Assist with the prevention, diagnosis and treatment of livestock health problems |       | 16      |
| 29297              | Operate and maintain a chainsaw in a land-based context                          |       | 8       |
| 581                | Dock and treat lambs                                                             |       | 5       |
| TOTAL CREDIT VALUE |                                                                                  | 3     | 36      |

\* Not possible to offer in all locations, so courses will be offered in locations with largest of enrolments.

### COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Primary Industry Operational Skills (Level 3), NZ Certificate in Agriculture (Farming Systems) (Level 3), NZ Diploma in Primary Industry Business Management (Level 5).

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Farm Assistant, Shepherd, Milk Harvester, Livestock Manager, Farming.

## PEST OPERATIONS / LEVEL 3

With New Zealand gearing up to become predator-free by 2050, landowners are facing a massive shortage of trained pest control operators. If you're looking for a career in pest control, this course will gear you up with the base skills and tools to get you started. You'll learn trapping and poisoning techniques for controlling possums, rats, rabbits, stoats and ferrets – some of our most destructive animal pests, as well as methods for controlling pest plants.

Course delivery: terms 1-3, 1 day per week, ROT.

| UNIT STD                          | NZC PEST OPERATIONS                                                             | LEVEL | CREDITS |
|-----------------------------------|---------------------------------------------------------------------------------|-------|---------|
| <b>Work Practices</b>             |                                                                                 |       |         |
| 6400                              | Manage first aid in an emergency situation                                      |       | 2       |
| 6401                              | Provide first aid                                                               |       | 1       |
| 6402                              | Provide basic life support                                                      |       | 2       |
| <b>Pest control / Motorcycles</b> |                                                                                 |       |         |
| 24555                             | Demonstrate knowledge of the safe operation of a motorcycle                     |       | 3       |
| 19053                             | Operate a motorcycle on flat terrain in the workplace under close supervision   |       | 3       |
| 19054                             | Operate a motorcycle on rolling terrain under limited supervision               |       | 3       |
| 19055                             | Operate a motorcycle with mounted equipment or a load under limited supervision |       | 3       |
| TOTAL CREDIT VALUE                |                                                                                 | 1-3   | 16      |



## WOOD MANUFACTURING

If you enjoy working with wood, here's your chance to jump-start your career in wood manufacturing. Our Waipā Campus is the only dedicated training facility in the country operating a working sawmill and wood manufacturing plant. Training and classes take place on-site as part of our busy operations. This is a technical trade with a strong future - perfect for you if you're a practical person who likes to be hands-on, and with New Zealand's plantation forests expected to grow in value, job opportunities are strong.

### WOOD MANUFACTURING / LEVEL 2

Course delivery: terms 1-3, 1 day per week, in ROT.

| UNIT STD | WOOD MANUFACTURING                                                             | LEVEL    | CREDITS   |
|----------|--------------------------------------------------------------------------------|----------|-----------|
|          | <b>Introduction to Wood Manufacturing</b>                                      |          | 10        |
| 159      | Demonstrate knowledge of environmental issues in wood manufacturing industries |          | 5         |
| 22977    | Demonstrate knowledge of workplace risks in a wood manufacturing operation     |          | 5         |
|          | <b>Wood Product Manufacturing</b>                                              |          | 10        |
| 17964    | Demonstrate knowledge of the wood product manufacturing industry               |          | 5         |
| 22978    | Demonstrate knowledge of wood product quality                                  |          | 5         |
|          | <b>TOTAL CREDIT VALUE</b>                                                      | <b>2</b> | <b>20</b> |

## FORESTRY

If you are looking for a career where the bush is your office then Forestry is for you. Forestry level 2 can give you the skills to step into a career with wide ranging opportunities from Machine Operating to Engineering and Forestry Science

### FORESTRY / LEVEL 2

Course delivery: Terms 1-3, 1 day per week, in ROT

| UNIT STD | FORESTRY                                                                     | LEVEL    | CREDITS   |
|----------|------------------------------------------------------------------------------|----------|-----------|
| 29297    | Operate and maintain a chainsaw in a land-based context                      |          | 8         |
| 22854    | Apply innovative thinking within a business context                          |          | 2         |
| 31656    | Demonstrate knowledge of safe work practices in a primary industry operation |          | 10        |
|          | <b>TOTAL CREDIT VALUE</b>                                                    | <b>2</b> | <b>20</b> |

#### COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Solid Wood Manufacturing (Level 3) Saw Doctoring; Timber Machining  
 NZ Certificate in Solid Wood Manufacturing (Level 4) Laminating. NZ Certificate in  
 Forest Harvesting Operations (Level 3) Manual Processing and Quality Control NZ  
 Certificate in Forest Harvesting Operations (Level 3) Woodsman Programme –  
 Strands in Quality Control or Basic Machine Operation.

#### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Forestry Operations, Machine Repairs, Wood Manufacturing Operator,  
 Sawdoctor.



## SERVICE INDUSTRIES

Working in the service sector is all about enhancing and improving the lives of others as well as helping businesses to operate effectively. Tasks within service industries usually require teamwork, communication and attention to detail. These skills are easily transferable, giving you the flexibility to adapt and challenge yourself in new roles throughout your career. Whichever path you choose, you'll get lots of variety working in this sector and the opportunities to meet different people every day.

## HOSPITALITY, CULINARY OPERATIONS & TOURISM

Does the idea of perfectly cooked scotch fillet or freshly baked pastry have your mouth watering? Perhaps, making a great cup of coffee or taking care of a large table of people sounds like a bit of fun to you? With this service industry pathway, you'll learn by doing and gain practical hands-on skills working in our professional training cafes, restaurants and commercial kitchens. Gain knowledge from award winning and globally experienced tutors and benefit from their strong relationships with the industry.

### HOSPITALITY / LEVEL 2

Learn how to make a perfect flat white in small, fun classes before starting your career in the hospitality industry. You'll learn the origins of coffee from bean to cup, customer service and serve guests at real-life campus events.

Course delivery: Terms 1-3, 1 day per week, ROT, TGA.

| UNIT STD           | ESSENTIAL SKILLS FOR THE HOSPITALITY INDUSTRY                                                                  | LEVEL | CREDITS |
|--------------------|----------------------------------------------------------------------------------------------------------------|-------|---------|
| 62                 | Maintain personal presentation and a positive attitude in a workplace involving customer contact               |       | 3       |
| 9677               | Communicate in a team which has an objective                                                                   |       | 3       |
| 57                 | Provide customer service                                                                                       |       | 2       |
| 17285              | Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision |       | 4       |
| 13272              | Cook food items by baking                                                                                      |       | 2       |
| 13281              | Prepare and present basic sandwiches for service                                                               |       | 2       |
| 13283              | Prepare and present salads for service                                                                         |       | 2       |
| 21059              | Demonstrate knowledge of knife care, use, storage, and carrying, for the hospitality industry                  |       | 2       |
| TOTAL CREDIT VALUE |                                                                                                                | 2     | 20      |





## COOKERY & CULINARY ARTS / LEVEL 3

Learn how to plan, prepare and present hot, cold, savoury and sweet dishes in our commercial kitchens. You'll get loads of hands-on experience practicing your skills in real-life student cafés and restaurants on campus.

Course delivery: Terms 1-3, 2 days per week, ROT, TGA.

| UNIT STD           | COOKERY & CULINARY ARTS                                                                                 | LEVEL | CREDITS |
|--------------------|---------------------------------------------------------------------------------------------------------|-------|---------|
| 13310              | Prepare and produce basic hot and cold dessert items in a commercial kitchen                            |       | 5       |
| 13316              | Prepare and cook basic pasta dishes in a commercial kitchen                                             |       | 3       |
| 13322              | Prepare and cook basic pastry dishes in a commercial kitchen                                            |       | 4       |
| 28106              | Demonstrate knowledge of preparing for a culinary arts and restaurant service competition               |       | 5       |
| 28107              | Prepare, produce and present a product or service for a culinary arts or restaurant service competition |       | 5       |
| 30818              | Prepare dishes using basic methods of Asian cookery in a commercial kitchen                             |       | 10      |
| TOTAL CREDIT VALUE |                                                                                                         | 3     | 32      |

## HOSPITALITY, CAFÉ SERVICE & BARISTA / LEVEL 3

Course delivery: Terms 1-3, 1 day per week, ROT, TGA.

| UNIT STD           | CAFÉ SERVICE & BARISTA                                      | LEVEL | CREDITS |
|--------------------|-------------------------------------------------------------|-------|---------|
| 14441              | Provide café counter service in a hospitality establishment |       | 5       |
| 27940              | Provide café table service in a hospitality establishment   |       | 5       |
| 17284              | Demonstrate knowledge of coffee origin and production       |       | 3       |
| 17288              | Prepare and present espresso beverages for service          |       | 5       |
| 9681               | Contribute within a team or group which has an objective    |       | 3       |
| TOTAL CREDIT VALUE |                                                             | 3     | 21      |



## TOURISM / LEVEL 3

Are you looking for a career with huge potential, in a stimulating and dynamic field? Tourism and travel operators want the right people, with the right skills, to assist clients and visitors achieve a unique holiday experience, and to support the regional development that is required. Swinging from a zipline or regaling tourists with the stories of our people – tourism is an exciting industry to be in. If you love working with people, this is the place to start. This course will allow you to learn about the national and international tourism industry, and the delivery of a quality visitor experience. Industry visits, field trips and loads of opportunities for hands-on learning make up this dynamic and practical course.

Course delivery: Terms 1-3, 1 day per week, TGA.

| UNIT STD           | TOURISM, TRAVEL & EVENTS                                                                            | LEVEL | CREDITS |
|--------------------|-----------------------------------------------------------------------------------------------------|-------|---------|
| 18228              | Demonstrate knowledge of specific New Zealand regions as tourist destinations                       |       | 8       |
| 4251               | Plan a career pathway                                                                               |       | 3       |
| 31071              | Identify and explain the cultural significance of natural and man-made attractions in tourism Māori |       | 6       |
| 18226              | Apply cross-cultural communication for the tourism industry                                         |       | 3       |
| TOTAL CREDIT VALUE |                                                                                                     | 3     | 20      |

### COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Cookery (Level 5) NZ Certificate in Baking (Level 5), NZ Certificate in Food and Beverage Service (Level 4) NZ Diploma in Hospitality Management, NZ Diploma in Tourism and Travel.

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Chef, Baker, Barista, Barman, Caterer, Waiter/Waitress, Guest Relations, Event Planner, Restaurant/Cafe Manager, Hotel Manager, Tour Guide, Travel Agent, Flight Attendant, Cruise Director.



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# TOI-OHOMAI

## Institute of Technology

### SPORT, FITNESS & TOURISM

If you're passionate about helping others improve their physical, social and mental wellbeing, choose an exciting career in one of New Zealand's fastest growing industries. The sport and leisure industry offers many exciting career opportunities, with businesses looking for skilled, talented and qualified employees to meet their customers' needs.

#### LEADERSHIP SKILLS IN SPORT & OUTDOOR RECREATION, LEVEL 3

If you have a passion for helping others and want to work in an industry that contributes to the wellbeing of your community, this course will be your first step. Students will explore sport and outdoor recreational activities. Students will gain experience in rock climbing, kayaking, rafting and sport coaching sessions. They will demonstrate personal and social development through participation in sport and outdoor recreational experiences.

Course delivery: Terms 1-3, 1 day per week, ROT

| UNIT STD           | LEADERSHIP SKILLS IN SPORT & OUTDOOR RECREATION                                     | LEVEL | CREDITS |
|--------------------|-------------------------------------------------------------------------------------|-------|---------|
| 29849              | Demonstrate knowledge of professional practice in a recreation workplace            |       | 5       |
| 21414              | Plan and run a recreation activity                                                  |       | 4       |
| 30935              | Develop and implement an exercise plan for personal physical fitness                |       | 5       |
| 24663              | Demonstrate leadership while participating in an adventure-based learning programme |       | 3       |
| TOTAL CREDIT VALUE |                                                                                     | 3     | 22      |

#### COURSES PATHWAY TO FURTHER STUDY IN:

Cert4Fitness (Level 4), NZ Certificate in Outdoor Education (Level 4) Therapeutic and Sports Massage (Level 5), NZ Diploma in Sport, Recreation and Exercise (Level 5), a pathway to Bachelor Degree.

#### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Exercise consultant, community exercise instructor, personal trainer, outdoor education instructor, event supervisor, health educator, recreation programme coordinator, sport development officer, sport coordinator, sport coach, applied sports scientist.



## HAIRDRESSING & BEAUTY THERAPY

### HAIR, BEAUTY & RETAIL, LEVEL 2

Make your mark in the world of beauty and retail. If you're creative, love working with people and want to start a pathway that allows you to work anywhere in the world, with this introductory programme while still being at school, you will learn the techniques to begin your journey.

Course delivery: Terms 1-3, 1 day per week, ROT, TGA, TOK, TPO, WHK.

| UNIT STD                  | HAIR, BEAUTY & RETAIL                                                                 | LEVEL    | CREDITS   |
|---------------------------|---------------------------------------------------------------------------------------|----------|-----------|
|                           | <b>Customer Service Skills for Retail Industries</b>                                  |          | <b>5</b>  |
| 28295                     | Demonstrate knowledge of serving customers in a retail environment                    |          | 5         |
|                           | <b>Introduction to the Hairdressing Salon</b>                                         |          | <b>7</b>  |
| 21941                     | Prepare hair for hairdressing service under supervision                               |          | 2         |
| 25077                     | Section and comb hair                                                                 |          | 2         |
| 28026                     | Present a personal fashion image for work in a hairdressing salon environment         |          | 3         |
|                           | <b>Introduction to Beauty Therapy Service</b>                                         |          | <b>6</b>  |
| 27640                     | Demonstrate knowledge of current fashion trends and history related to beauty therapy |          | 3         |
| 27641                     | Describe the relevance of anatomy and physiology knowledge to beauty therapy practice |          | 3         |
| <b>TOTAL CREDIT VALUE</b> |                                                                                       | <b>2</b> | <b>18</b> |

### BARBERING, LEVEL 2

Barbering is a creative art form in a high-demand industry. You'll learn a about the barbering culture, including tools of the trade, customer service and communication skills specifically for the retail barbering environment. The course includes some theory but most of the learning is hands-on within a practical setting.

Course delivery: Terms 1-3, 1 day per week, ROT, TGA, TOK, TPO, WHK.

| UNIT STD                  | BARBERING                                         | LEVEL      | CREDITS   |
|---------------------------|---------------------------------------------------|------------|-----------|
| 19808                     | Select and maintain barbering tools and equipment |            | 4         |
| 19805                     | Blow dry hair using barbering techniques          |            | 5         |
| 2886                      | Design and shape beards and moustaches            |            | 7         |
| 10645                     | Describe the development of barbering             |            | 3         |
| <b>TOTAL CREDIT VALUE</b> |                                                   | <b>2-3</b> | <b>19</b> |





## NZ CERTIFICATE IN MAKEUP & SKIN CARE, LEVEL 3

Gain the skills and technical know-how to assess a client's skin and apply a range of makeup looks, from day and evening, to red carpet and runway glamour. You'll learn professional skills including customer service and communication, retail and promotion techniques. Develop a portfolio of your work as you create different looks while practicing on your classmate models.

Course delivery: Terms 1-3, 2 days per week, ROT, TGA, TPO, WHK.

| UNIT STD | NZ CERTIFICATE IN MAKEUP & SKIN CARE                                                                          | LEVEL    | CREDITS   |
|----------|---------------------------------------------------------------------------------------------------------------|----------|-----------|
|          | <b>Professional Practice</b>                                                                                  |          | <b>16</b> |
| 21938    | Converse and interact with clients and operators in a salon environment                                       |          | 3         |
| 28845    | Demonstrate safe and professional practice in the salon environment                                           |          | 3         |
| 28843    | Demonstrate knowledge of personal health and hygiene, and self-styling, for working in a salon                |          | 2         |
| 27644    | Demonstrate knowledge of makeup and design theory                                                             |          | 4         |
| 28946    | Demonstrate knowledge of tools, equipment and safe operating procedures used in makeup and skin care services |          | 4         |
|          | <b>Skin Care Services. Prerequisites</b>                                                                      |          | <b>16</b> |
| 27645    | Demonstrate knowledge of the structure and functions of the face, and of facial skin types and conditions     |          | 6         |
| 27646    | Perform skin care services for the face in preparation for makeup application                                 |          | 10        |
|          | <b>Makeup Services. Prerequisites</b>                                                                         |          | <b>10</b> |
| 27647    | Perform makeup services                                                                                       |          | 10        |
|          | <b>Cosmetic Counter Sales and Service</b>                                                                     |          | <b>20</b> |
| 14139    | Demonstrate knowledge of, select, and recommend cosmetics and toiletries                                      |          | 8         |
| 25437    | Demonstrate and apply knowledge of money matters and personal responsibility in the salon environment         |          | 5         |
| 27648    | Demonstrate knowledge of promotional activities within a makeup and skin care workplace                       |          | 7         |
|          | <b>TOTAL CREDIT VALUE</b>                                                                                     | <b>3</b> | <b>62</b> |

### COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Beauty Therapy (Level 4), NZ Certificate in Hairdressing (Salon Support) (Level 3), NZ Certificate in Commercial Barbering (Level 4).

### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Entrepreneur, Beauty Therapist, Hairdresser, Makeup artist, Cosmetic Product Company Representative, Salon Manager, Spa Therapist.



## CREATIVE INDUSTRIES

Are you creative? Imaginative? Innovative? An original thinker? Our courses in this popular subject help you develop your creative potential whether you might use visual arts, or digital technologies or music to communicate ideas; share your perceptions or deliver products and services in new and innovative ways. Learning how to develop ideas into creative work is fun, as well as challenging and offers a dynamic career filled with variety.

### FASHION & DESIGN, LEVEL 2

Art and design come together in this interdisciplinary programme of learning, which develops the diverse range of skills required by creative workplaces. You'll learn from some of New Zealand's most talented artists, fashion designers and industry experts in connected learning spaces, that support creativity and collaboration to produce real-world outcomes.

Course delivery: Terms 1-3, 1 day per week, TGA.

| UNIT STD | FASHION & DESIGN                                                                                        | LEVEL    | CREDITS   |
|----------|---------------------------------------------------------------------------------------------------------|----------|-----------|
|          | <b>Introduction to Pattern Making</b>                                                                   |          | <b>7</b>  |
| 91350    | Make advanced adaptations to a pattern to change the structural and style features of a design          |          | 4         |
| 25240    | Demonstrate knowledge of the factors that influence the cost of a garment                               |          | 3         |
|          | <b>Introduction to Art and Design</b>                                                                   |          | <b>7</b>  |
| 91343    | Use visual communication techniques to compose a presentation of a design                               |          | 4         |
| 91340    | Use the characteristics of a design movement or era to inform own design ideas                          |          | 3         |
|          | <b>Fundamentals of Fashion Design</b>                                                                   |          | <b>6</b>  |
| 91345    | Implement advanced procedures using textile materials to make a specified product with special features |          | 6         |
|          | <b>TOTAL CREDIT VALUE</b>                                                                               | <b>2</b> | <b>20</b> |

### FASHION, RETAIL & MERCHANDISING, LEVEL 3

This 30 week course presents specialist learning in Retail to explore fashion and apparel products to meet customer requirements. Learn communication strategies and business objectives. You will plan, co-ordinate and create visual presentations relevant to fashion retail.

Course delivery: Terms 1-3, 1 day per week, TGA.

| UNIT STD | FASHION & APPAREL                                                                            | LEVEL    | CREDITS   |
|----------|----------------------------------------------------------------------------------------------|----------|-----------|
| 11818    | Demonstrate and apply product and/or service knowledge                                       |          | 4         |
| 26857    | Apply knowledge of target markets and buyer behaviour and marketing mix to sales situations. |          | 10        |
| UNIT STD | FASHION & MERCHANDISING                                                                      | LEVEL    | CREDITS   |
| 409      | Plan merchandising in a retail or distribution environment                                   |          | 3         |
| 91628    | Develop a visual presentation that exhibits a design out-come to an audience                 |          | 6         |
|          | <b>TOTAL CREDIT VALUE</b>                                                                    | <b>3</b> | <b>23</b> |

## INFORMATION TECHNOLOGY

Game engine technology or 'Real-Time Design' is used in hundreds of jobs, from Robotics to Architecture, and yes Farming and Horticulture use it too!

### GAME DESIGN, LEVEL 3

Are you ready to create your own video game? This course will give you an introduction to games design utilising commercial design software. You will gain knowledge of the history of games, from board games to modern video games and analyse different game genres with a view to identifying game elements, mechanics and rule sets. You will also design your own game based on your selected games genre.

Course delivery: Terms 1-3, 1 day per week, ROT, TGA.

| UNIT STD           | GAME DESIGN                                                                                                  | LEVEL | CREDITS |
|--------------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| 18741              | Create a computer program to provide a solution to a problem                                                 |       | 6       |
| 29790              | Use digital tools to create and monitor a project plan                                                       |       | 3       |
| 29791              | Capture and prepare digital media for integration into other applications                                    |       | 2       |
| 29793              | Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief |       | 5       |
| 29797              | Synchronise data across digital devices and multiple platforms                                               |       | 2       |
| 29798              | Troubleshoot, fix and escalate a range of common hardware and software problems                              |       | 3       |
| TOTAL CREDIT VALUE |                                                                                                              | 3     | 21      |

#### COURSES PATHWAY TO FURTHER STUDY IN:

NZ Certificate in Communications Media (Level 4), Bachelor of Creative Industries: major in Fashion Design, Graphic Design or Visual Arts NZ Certificate in Arts and Design (Level 4), NZ Certificate in Information Technology Essentials (Level 4) NZ Diploma in Web.

#### TYPES OF EMPLOYMENT THESE COURSES LEAD TO:

Social media and content creation. Film and Television production. Commercial freelance video capture and production. Graphic Designer, marketing content creator, web designer.



# FUTURES ACADEMY

FOR MORE INFORMATION CONTACT YOUR SCHOOLS  
CAREERS ADVISOR

OR CONTACT US AT

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