

Bay of Plenty FUTURES ACADEMY

2024
programme guide

**TRY A TRADE
WHILE AT
HIGH SCHOOL!**

A TRADES ACADEMY

TRAINING PARTNERS



**MARINE &
SPECIALISED
TECHNOLOGIES**
Academy of New Zealand



Te Kāreti o Ōpōtiki
Ōpōtiki College



QUEENSTOWN RESORT COLLEGE
NEW ZEALAND
Tourism & Hospitality Management Education



TE RŪNANGA O NGĀTI AWA



Te Wānanga
o Aotearoa



TOI-OHOMAI



Te Pūkenga



COLLEGE OF CREATIVE INNOVATION

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 the rising workforce needs across the Bay of Plenty.

Our programme offers students the experience of hands-on, work relevant, learning that provides a strengthened pathway to apprenticeships, employment, or further trades training.

Students can earn significant credits towards National Certificate of Educational Achievement (NCEA) Levels 1, 2, 3, and many courses also count towards tertiary credit, 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 education partners.

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

If a student is accepted into the Futures Academy, and transport is required for them to participate, students can be provided with free transportation to and from their trades courses.

THE FUTURES ACADEMY ADVANTAGE

A student enrolled in the Futures Academy gains more than credits towards their high school education.

Future Academy students can also:

- gain confidence, skills and experience that employers value
- participate in industry visits and field trips
- try tertiary education, for free, while in high school
- gain stronger pathways into apprenticeships
- gain stronger pathways into employment
- secure a strong pathway into further trades training, study and qualifications



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 have evolved in the 21st century to include a variety of innovative, and 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, & connections.
- Gain transferrable skills for employment and life.
- Make pivotal connections that can lead to further apprenticeships, employment, or training opportunities.



YOUR FUTURE STARTS HERE

EARNING POTENTIAL...

...OF THE CAREERS LINKED TO OUR TRADES COURSES



CONSTRUCTION AND INFRASTRUCTURE

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



CREATIVE INDUSTRIES

\$ 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

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



PRIMARY INDUSTRIES

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

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



SERVICE INDUSTRIES

\$ 35,000 – 146,000 HOSPITALITY : Customer service, food and beverage service, hotel management

\$44,000 to \$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

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

\$ 40,000 – 85,000 SOCIAL HEALTH : Social worker, caregiver

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

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

Careers in New Zealand careers.govt.nz

COURSE INFORMATION

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

FOUNDATION COURSES

A foundational skill building & training experience on one particular trade. Generally, a Level 2 course, offered one day 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.

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, pg 21, and your school / kura for a cohort course option.

TASTER AND SHORT COURSES*

Are designed to give students “a brief taste” of different trades. Students must enrol in 3 courses for the year. Or wait to see if spaces become available in terms 2 or 3.

*Taster & short courses may not always be available.

COURSE DATES

Futures Academy courses generally run Terms 1 - 3 of the school year. And catch-up dates are scheduled over the school holidays or early in Term 4 to allow students to catch up on any missed work.

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 with students who want to apply and assess:

- ✓ motivation
- ✓ goals
- ✓ school attendance
- ✓ relevant experience
- ✓ capacity to balance trades & in-school learning
- ✓ application is complete, signed & has caregiver support.

Students accepted into the Futures Academy programme are expected to maintain 100% attendance at both their trades and in-school classes.

**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!

STUDENT VOICES...



"Everything is catered towards the students to help them and set them up for the future."

"Our tutor treats us as adults and we learn heaps."
"I love Chloe, the tutor, she is very cool"

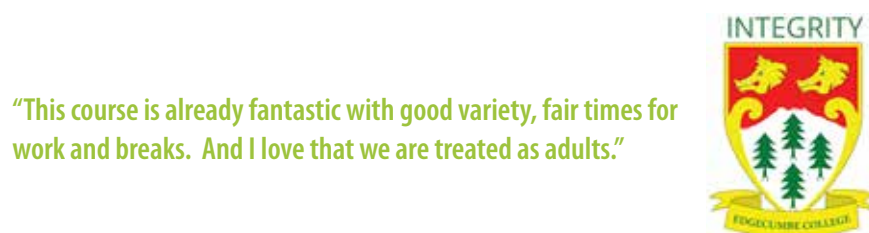


"It is very good and my experience so far has been really good and everyone has been accepting everyone."

"I think that the academy is a great opportunity for students and I have done lots of learning. As a student from a foreign country, I find it amazing that schools in New Zealand offer courses like these which gives us more opportunities to learn about what we are passionate about."



"My tutor has been extremely understanding and willing to help me catch up on anything I've missed... so those types of teachers I enjoy."



"This course is already fantastic with good variety, fair times for work and breaks. And I love that we are treated as adults."

FULL YEAR COURSES



LIZ PLANK

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Dive Zone Tauranga is a 5 Star PADI training facility, offering dive training programmes from 8 year olds through to instructor level.

We have an on site heated pool, a full dive equipment service workshop, quality hire gear and an extensive retail shop. We run regular dive trips to amazing local dive sites from our comfortable dive boat Ruku Moana.

NEW ZEALAND CERTIFICATE IN DIVING

NEW ZEALAND CERTIFICATE IN DIVING (RESCUE DIVER)

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 and Dive Instructor.

This course will be held over 30 weeks 2 days per week and will consist of 40 dives. The course will be made up of dive theory and practical sessions at both pools based, 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 Speciality instructors, this is an internationally recognised certification in over 183 countries.

UNIT STD	RESCUE DIVER	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
28404	Complete scuba dives in open water to depths between 18 and 40 metres		6
28393	Navigate underwater while scuba diving in open water		4
28401	Complete underwater search and recovery scuba dives in open water		4
28405	Complete dives in open water to locate and observe common aquatic organisms		5
28395	Complete diver rescues		7
TOTAL CREDIT VALUE		3	40

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



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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 AND 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); WHK, TGA, ROT

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

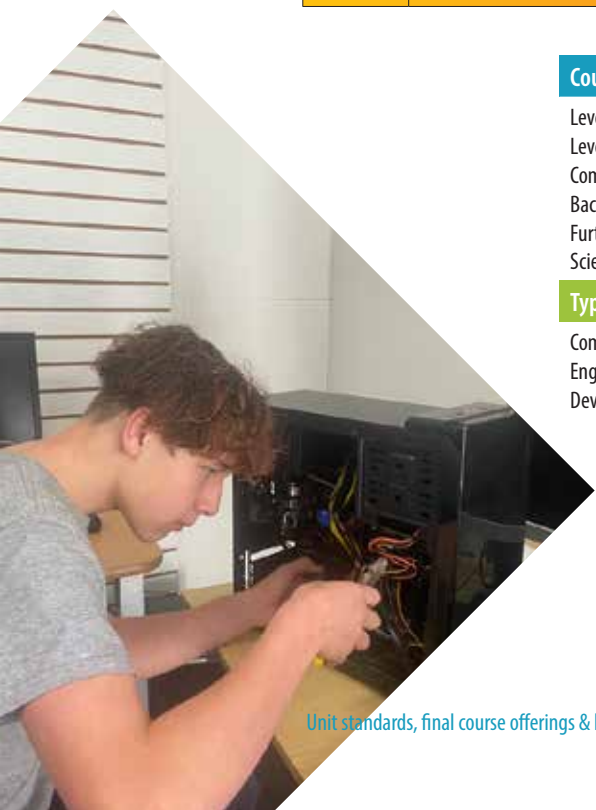
UNIT STD	IT SUPPORT	LEVEL	CREDITS
29796	Collaborate effectively with others in a digital environment		7
29793	Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief		5
29789	Use a presentation application to produce an interactive multimedia presentation		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 Te Pūkenga
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



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: 30 weeks; WHK, TGA, ROT

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 a ECE degree programme at Toi Ohomai Te Pūkenga.

Types of employment these courses lead to:

Early Childhood Education, Teacher, Teachers 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: 30 weeks; WHK, TGA, ROT

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



STEVE GARDNER

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etcoTM

The electrical training experts

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

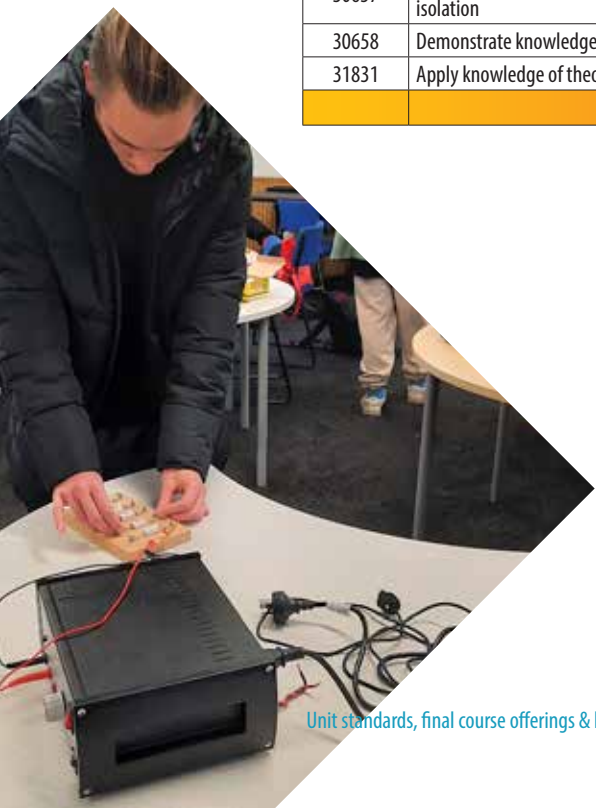
Students are taught electrical theory and some practical knowledge by registered electricians, during this one-year, three-days-a-week, 8:30am-4:30pm programme. This course is offered in Whakatāne, Rotorua and Tauranga.

UNIT STD	ELECTRICAL PRE-TRADE FOUNDATION PROGRAMME, LEVEL 3	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



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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
CREDIT VALUE		2-4
		120



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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027 531 6606



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

KAIKUTIKUTI MAKAWA (HAIRDRESSER/BARBER) FOUNDATION PROGRAMME, LEVEL 2

Course delivery:

Terms 1-2: 20 weeks, 1 day per week (Mondays 9am – 2pm)

Term 3: 10 weeks, 2 days per week (Mondays and Tuesdays 9am – 2pm). Option to choose a Barbering Pathway or a Hairdressing Pathway. An opportunity for work placement will be available in Term 3.

Locations: ROT, TPO, TGA, WHK (dependent on enrolments)

TERMS 1-2

UNIT STD	BARBERING & 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 barbershop



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DONNA

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027 531 6606

TERM 3

Barbering

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	2	5
19808	Select and maintain barbering tools and equipment	3	4
28018	Demonstrate knowledge of removing product build-up from hair	3	4
TOTAL CREDIT VALUE		2-3	13

Hairdressing

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	3	4
2869	Apply treatments to hair and scalp	2	2
25790	Select maintain and demonstrate safe handling of hairdressing equipment and handheld tools	3	4
25077	Section and comb hair	2	2
TOTAL CREDIT VALUE		2-3	12

Courses Pathway to further study in:

New Zealand Certificate in Makeup and Skin Care (Level 3)
New Zealand Certificate in Salon Skills (Level 2)
New Zealand Certificate in Hairdressing (Level 3)
New Zealand Certificate in Commercial Barbering (Level 4)

Types of employment these courses lead to:

Hairdressing apprenticeship, Barbering apprenticeship, Beauty apprenticeship



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QRC is an internationally recognized, award-winning tertiary provider that delivers quality industry relevant qualifications and produces quality tourism and hospitality graduates across New Zealand. QRC will be delivering the Trades Academy, Level 2-3 course in partnership with Te Whare Wānanga o Awanuiārangī at their campus in Whakatāne.

HOSPITALITY & BARISTA SERVICES, LEVEL 2

Students will begin the course with an introduction to food safety. They will learn and develop their knowledge of the current health and safety legislation in the workplace including completion of food safety plans and work in a kitchen environment producing bake food items allowing a greater understanding of the food safety component. This will follow on to learning the concepts related to customer service and appropriate greetings related to the concepts of manaakitanga. Students will then move onto developing their skills for table service, preparation of hot and cold beverages and finally mastering the art of barista skills. Throughout the course, students will continue to develop their literacy and numeracy skills as well as their knowledge of the industry along with an understanding of inbound and domestic tourism within Aotearoa New Zealand.

UNIT STD	HOSPITALITY & BARISTA SERVICES	LEVEL	CREDITS
Hospitality Food Safety US 167	Practice food safety methods in a food business under supervision	2	4
Hospitality Generic US 14466	Demonstrate knowledge of maintaining a safe and secure environment for people in the hospitality industry	2	2
Hospitality Generic US 28145	Interact with customers in a service delivery context	2	2
Hospitality Food & Beverage Service – US 14425	Prepare and serve hot and cold non-alcoholic drinks for a commercial hospitality establishment	2	5
Hospitality Food & Beverage Service – US 17285	Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision	2	4
Hospitality Food & Beverage Service – US 17284	Demonstrate knowledge of coffee origin and production	3	3
Hospitality Food & Beverage Service – US 14436	Provide table service for a commercial hospitality establishment	2	4
Cookery – US 30895	Demonstrate knowledge of basic nutrition in commercial catering	2	4
Cookery – US 13272	Cook food items by baking	2	2
Tourism – US 24731	Demonstrate knowledge of destination Aotearoa New Zealand	2	4
TOTAL CREDIT VALUE		2	34





COOKING, FOOD & BEVERAGE OPERATIONS, LEVEL 3

Students will begin the course with food safety, this follows on with concepts related to customer service before students move into the kitchen and gain the skills needed to actively participate in a commercial kitchen operation. The QRC Trades Academy Level 3 will prepare students to work in a range of hospitality environments, including food and beverage operations, and gain knowledge of responding to customer complaints. Students will also be able to explain tikanga in Māori Tourism allowing students to identify and appreciate the unique aspects of Māori culture.

UNIT STD	COOKING, FOOD & BEVERAGE OPERATIONS	LEVEL	CREDITS
Food & Beverage Service – US 17284	Demonstrate knowledge of coffee origin and production	3	3
Food & Beverage Service – US 17288	Prepare and present an espresso beverages for service	3	5
Hospitality Food Safety – US 27955	Demonstrate knowledge of and apply food safety practices in a food-related establishment	3	5
Cookery – US 13282	Prepare, assemble, and present complex sandwiches for service in a commercial kitchen	3	2
Cookery – US 13316	Prepare and cook basic pasta dishes in a commercial kitchen	3	3
Cookery – US 13325	Prepare and bake basic cakes, sponges and scones in a commercial kitchen	3	4
Cookery – US 13343	Demonstrate knowledge of nutrition in commercial catering	3	5
Tourism – US 26472	Demonstrate knowledge of and respond to customer complaints in a tourism workplace	3	4
Tourism – US 17786	Explain tikanga in tourism Māori	3	5
TOTAL CREDIT VALUE		3	36

After completing the Trades Academy, students have the opportunity to complete further study with QRC. Pathways through any of the Level 4 Certificates and if completed then they can do further study towards a Level 6 Diploma

Courses Pathway to further study in:

Hospitality Services, Level 4
Tourism Operation, Level 4
Leadership and performance, Level 4
Hospitality Management, Level 6
Adventure Tourism, Level 6

Types of employment these courses lead to:

There are multiple job opportunities for students who complete Trades Academy within the Tourism & Hospitality industry. Students can work as Customer Service Representatives, Food and Beverage Attendants or Guest Service Agents! It is an exciting industry with lots of different career pathways. Other students have gone on to these roles: Front Office, Customer Service Agent in Hotels or Luxury Lodges, Food and Beverage Attendants in various cafes, restaurants or bars, Customer Service for exciting Tourism Operations





TRONA TECHNICAL TRAINING CENTRE

ttc@ngatiawa.iwi.nz
07 307 0760



TE RŪNANGA O NGĀTI AWA

This training program is managed by the Taihuringa – Project Management Office at Te Rūnanga o Ngāti Awa. As part of studying with Te Rūnanga o Ngāti Awa, students are exposed to various cultural components such as whakatau, waiata sessions, whanaungatanga, karakia, and ngātiawatanga.

If the marine industry is not for you, we can support you to alternative employment opportunities through our various iwi partnerships. For more information or to enquire please email ttc@ngatiawa.iwi.nz or check out our website www.projects.ngatiawa.iwi.nz/kanoa

Highlights:

- 24 people successfully completed this pre-apprenticeship program
- 15 people successfully offered apprenticeships or employment into the marine/engineering industries upon completion of studies
- 9 people supported into alternative pathways

ĀHEI MARINE PRE-APPRENTICESHIP

ĀHEI MARINE PRE-APPRENTICESHIP MICRO-CREDENTIAL, LEVEL 3

This course is offered partnership between Te Rūnanga o Ngāti Awa, MAST Academy (Marine & Specialised Technologies), and Extreme Boats.

In this course, tauira will gain experience in alloy welding and boat building through hands-on learning at Extreme Boats, valuable exposure to the boat building industry and achieving 40 marine sectors related NZQA credits ranging from Level 2-4.

Course delivery: 2 days a week, 1 theory day + 1 practical, over 16 weekly sessions; WHK



UNIT STD	ĀHEI MARINE PRE-APPRENTICESHIP MICRO-CREDENTIAL	LEVEL	CREDITS
23244	Apply health and safety procedures in a marine or composite workplace		5
25344	Demonstrate knowledge of marine or composite workplaces		3
18158	Select, use, and care for hand tools used in the marine or composite industry		5
18170	Contribute to a project team in a marine or composite workplace		5
29238	Demonstrate and apply knowledge of sustainability practices in a marine or composite industry		5
9922	Produce templates or patterns used in the marine industry		4
9944	Describe the properties and uses of aluminium alloys in boat building		4
11790	Evaluate, clean, and prepare aluminium substrates for marine surface coatings		5
21907	Demonstrate knowledge of welding principles and quality control and safe welding practice under supervision		4
TOTAL CREDIT VALUE		3	40

Course Pathway to further study in:

All the unit standards are included in the MAST Academy apprenticeship programmes leading to New Zealand Certificates.

Tauira successfully completing this programme therefore will be well placed to continue their training by registering for an apprenticeship including at Extreme, Surtees Boats, or at local engineering, and mill sites.

Types of employment these courses lead to:

Marine fabricator, fitting, turning, and tool making, mechanical engineering apprenticeship, maintenance and diagnostics, mill work, precision machining and fitting, welding





JOHN GILMOUR
johng@opotikicol.school.nz

HOHEPA HEI
Hohepa.hei@whakatohia.co.nz

In 2022 Ōpōtiki College launched a Level 3 Building Academy in partnership with Whakatōhea Māori Trust / Te Pou Oranga O Whakatōhea.

It is a full time course where students build new re-locatable houses for Kāinga Ora on the College grounds. This course has been designed to prepare students to step into a building or any other trade apprenticeship. On completion, the students will walk away with a Level 3 BCITO certificate as well as 60+ credits at NCEA Level 3 giving them their NZQA Level 3 qualification and can lead to an Apprenticeship with BCITO.

CONSTRUCTION

RINGA RAUPA BUILDING ACADEMY / LEVEL 3

Course delivery: Full time (5 days a week); OPO

UNIT STD	RINGA RAUPA BUILDING ACADEMY	LEVEL	CREDITS
29684	Undertake a Stage 3 BCATS project		12
29677	Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment		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 project		4
29683	Incorporate other building, construction and allied trades into a Stage 3 BCATS project schedule		2
10851	Operate a powered industrial lift truck / forklift		7
17586	Demonstrate knowledge of electrical safety in the workplace		4
18408	Demonstrate knowledge of fire and emergency warden duties in the workplace		3
30265	Apply health and safety risk assessment to a job role		8
TOTAL CREDIT VALUE			62

Courses Pathway to further study in:

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



Unit standards, final course offerings & locations are subject to change & are dependent on minimum student numbers

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Te Wānanga o Aotearoa can create a 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 on a school site or at a local marae, over a 30 week period through a:

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

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

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

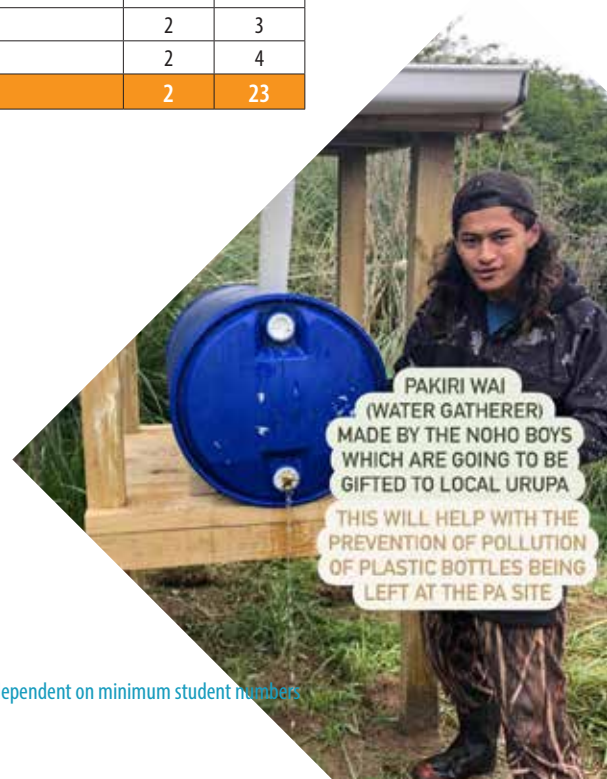
UNIT STD	BUILDING AND CONSTRUCTION : 230 HOURS	LEVEL	CREDITS
12936	Construct a non-consent timber framed utility building as a BCATS project	2	8
24358	Plan and monitor the construction of a BCATS project, and quality check the product	2	3
24360	Demonstrate knowledge of timber and other construction materials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

Courses Pathway to further study in:

New Zealand 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



PAKIRI WAI
(WATER GATHERER)
MADE BY THE NOHO BOYS
WHICH ARE GOING TO BE
GIFTED TO LOCAL URUPA
THIS WILL HELP WITH THE
PREVENTION OF POLLUTION
OF PLASTIC BOTTLES BEING
LEFT AT THE PA SITE



CREATIVE INDUSTRIES

MĀORI PERFORMING ARTS, COHORT / LEVEL 2

Māori Performing Arts is an exciting, social, interactive and energetic programme. Do you have experience in the arts like kapa haka, theatre or drama? Have you always wanted to learn about using voice, sound and movement? You'll learn about:

- performance skills
- performance production
- performance studies
- history, tikanga and cultural practices relating to Māori performing arts

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

UNIT STD	MĀORI PERFORMING ARTS : 180 HOURS	LEVEL	CREDITS
13359	Demonstrate knowledge and skills of mōteatea		6
13363	Demonstrate knowledge and skills of waiata-ā-ringa		6
13371	Demonstrate knowledge and skills of haka		6
TOTAL CREDIT VALUE		2	18

TE AO MĀORI / TIKANGA, COHORT / LEVELS 1 AND 2

These unit standards are available to support students to know and understand te ao Māori and gain insight into a Māori worldview. You will learn about traditions, concepts, values and protocols and understand why Māori do things a certain way.

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

UNIT STD	TE AO MĀORI / TIKANGA : 170 HOURS	LEVEL	CREDITS
27108	Describe the protocols and roles associated with pōwhiri in accordance with tikanga and/or kawa		2
10696	Participate in the preparation of a wharehau for a pōwhiri		2
13363	Demonstrate knowledge and skills of waiata-a-ringa		6
91230	Examine an historical event or place that is of significance to New Zealanders		5
27129	Explain the use of karakia in accordance with tikanga		2
TOTAL CREDIT VALUE		2	17

Courses Pathway to further study in:

NZ Certificate in Tourism, Level 3
Manaaki Tangata, certificate in Bicultural Social Services, Level 4
Certificate in Takaro Sport and Exercise, Level 4
Tourism Certificate, Level 4 with QRC
Related Certificate, Levels 3–4 and Diploma Programmes, with Toi Ohomai Te Pūkenga
Further university studies – such as bachelor's degrees in business

Types of employment these courses lead to:

Accommodation Management, Adventure Tourism, Hospitality, Cultural Interpretation / Tourism, Entrepreneur, Health Services, Mental Health Services, Retail Social Services





TIMBER TRADES TRAINING



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 yo 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. And it is possible that students may be offered paid work during school breaks and the summer school holidays.

Course delivery: 2 days a week; EBoP, ROT, TPO, TGA

NZ CERTIFICATE IN SOLID WOOD MANUFACTURING - TIMBER GRADING

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





WOOD WISE LTD
WOOD INDUSTRY SKILLS EDUCATION

PAUL CARPENTER

paulc@woodwise.co.nz
027 270 4431

NZ CERTIFICATE IN SOLID WOOD MANUFACTURING - POLE, POST & PILE

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

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 & safety or management roles

TIMBER MILL PARTNERS

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	TUNNECLIFFE Mark Andrew or Vanessa Mark@tunncliffes.co.nz admin@tunncliffes.co.nz 07 304 9811	
Taupo	PERMA PINE Michelle Skiffington michelle.skiffington@permapine.co.nz 022 087 5785		

Unit standards, final course offerings & locations are subject to change & are dependent on minimum student numbers

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DESIGN YOUR FUTURE WITH YOOBEE

AT YOOBEE WE CREATE CREATIVES, AND THIS STARTS AT HIGH SCHOOL

Our courses are specifically designed for high school students, and as an NZQA Category 1 provider, we know the value of discovering creative technology early. Rapid changes in the technology, art and communication industries are increasing the need for high quality, innovative designers. With that in mind, our programmes combine a range of skills, techniques, software and practical learning.

These courses are perfect for students who desire higher-level learning and will make the most of this exclusive opportunity.

For more information about our Short Courses, latest news and events, to meet the tutors, head over to our Short Course Information Hub on our Website! yoobeeshortcourses.yoobee.ac.nz.

DIGITAL BUSINESS

An understanding of digital marketing and its implementation are essential for students who are interested in a career in business. Learners will complete this programme with the foundation skills required to research a target market, develop content for that audience and set up a basic e-commerce website. The programme introduces digital and marketing skills that prepare learners for further study, such as the Yoobee Diploma of Creative Marketing and Bachelor of Digital Innovation.

Course delivery: 30 weeks, 1 day a week (Monday), terms 1-3

UNIT STD	DIGITAL BUSINESS	LEVEL	CREDITS
29790	Apply digital tools to create and monitor a project plan		3
29793	Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief		5
29791	Capture and prepare digital media for integration into other applications		2
29796	Collaborate effectively with others in a digital environment		7
29789	Use a presentation application to produce an interactive multimedia presentation		3
TOTAL CREDIT VALUE		3	20



GAME DEVELOPMENT

Bringing Character Design, 2D Animation and Game Development together to create a whopper of a program to give you a real taste of the Game Development industry. Alongside creating your characters, you will bring your characters to life by combining audio and visual to create motion graphics using Adobe After Effects, Illustrator and Photoshop.

Learn how to plan, prepare and develop 2D animation like a boss. You'll learn idea development techniques, create mood boards and a storyboard. You will create animation assets, and finish up by rendering your animation to a video file that can be used in film and games. Understand game structure and interface design to build an educational game using the Unity real-time development platform. This course includes an introduction to professional game design and development. Learning coding fundamentals using C# language, developing a programme to control gameplay and interaction. You'll generate draft design concepts, create a game design mood board, then develop your code in the Unity game engine.

Course delivery: 30 weeks, 2 days a week (Tuesday and Wednesday), terms 1-3

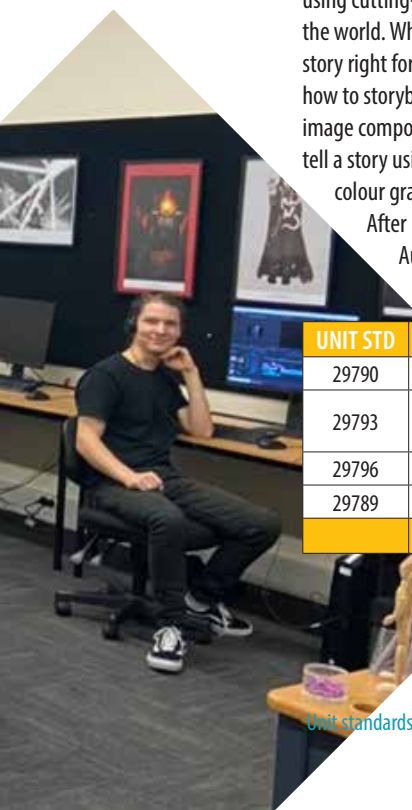
UNIT STD	GAME DEVELOPMENT	LEVEL	CREDITS
29790	Apply digital tools to create and monitor a project plan		3
29793	Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief		5
29791	Capture and prepare digital media for integration into other applications		2
29796	Collaborate effectively with others in a digital environment		7
18741	Create a computer program to provide a solution		6
18750	Produce a learner focused electronic training package for organisation use		5
TOTAL CREDIT VALUE		3	28

FILM AND CONTENT CREATION

From scripting and storyboarding to post-production and editing, discover the essentials of inspirational film-making. Bring your ideas to fruition with this exciting and fun film-making course. Covering everything from storyboarding your first script to camera operating, and post-production special effects using cutting-edge platforms like Premiere Pro and After Effects, this course lets you carry your vision to the world. What will you learn? Learn Ideation and Script writing—picking up the basics of what makes a story right for film, and interesting for audiences. Translate your script into a production schedule, learning how to storyboard and prepare for a shoot. You will also learn some basic camera techniques and effective image composition, then shoot footage and capture sound for your short film. Editing: Cut your footage to tell a story using Adobe Premiere Pro, refining your edit to bring out the most visually telling story. Add colour grading and discover some advanced editing techniques. Sound, Motion and SFX, using Adobe After Effects, you will be introduced to creating animated titles and visual effects, then use Adobe Audition to refine and enhance the sound of your short film.

Course delivery: 30 weeks, 1 day a week (Thursday), terms 1-3

UNIT STD	FILM AND CONTENT CREATION	LEVEL	CREDITS
29790	Apply digital tools to create and monitor a project plan		3
29793	Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief		5
29796	Collaborate effectively with others in a digital environment		7
29789	Use a presentation application to produce an interactive multimedia presentation		3
TOTAL CREDIT VALUE		3	18



DIGITAL ILLUSTRATION & CHARACTER DESIGN

Combine your visual design skills with storytelling to create your own character design. You'll learn how to use Adobe Photoshop like a pro 2D artist using Wacom tablets provided for in-class use. This programme covers the fundamentals of character design, including dynamic sketching techniques and effective use of colour and light. You'll develop a character profile and story, plan your illustration project and apply techniques for finishing a digital illustration to a high standard. Bring your animation to life by combining audio and visual to create motion graphics using Adobe After Effects, Illustrator and Photoshop. Learn how to plan, prepare and develop 2D animation like a boss. You'll learn idea development techniques, create moodboards and a storyboard. You'll create animation assets using the paint tools in Photoshop and scalable vector graphics using Adobe Illustrator. In After Effects, you'll learn how to create keyframe animation and use motion paths, easing and parenting tools to open up a range of animation styles and possibilities. You'll finish up by rendering your animation to a video file that can be used in film and games.

Course delivery: 30 weeks, 1 day a week (Friday), terms 1-3

UNIT STD	DIGITAL ILLUSTRATION & CHARACTER DESIGN	LEVEL	CREDITS
29790	Apply digital tools to create and monitor a project plan		3
29793	Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief		5
29791	Capture and prepare digital media for integration into other applications		2
29796	Collaborate effectively with others in a digital environment		7
TOTAL CREDIT VALUE		3	17

Courses Pathway to further study in:

Certificate in Creative Media, Level 4
Diploma in Web & Graphic Design Level 5
Diploma in Creative Marketing Level 5
Bachelor in Digital Innovation
Bachelor in Animation
Bachelor in Software Engineering

Types of employment these courses lead to:

App. Developer, Database Administrator, Graphic Designer, IT Developer, Illustrator, Marketing and Promotion, Network Technician, Photographer, Service Desk Administrator, Social Media Manager, Printmaker, Web Content Manager



At Toi Ohomai Te Pūkenga 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 Te Pūkenga 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 AND INFRASTRUCTURE

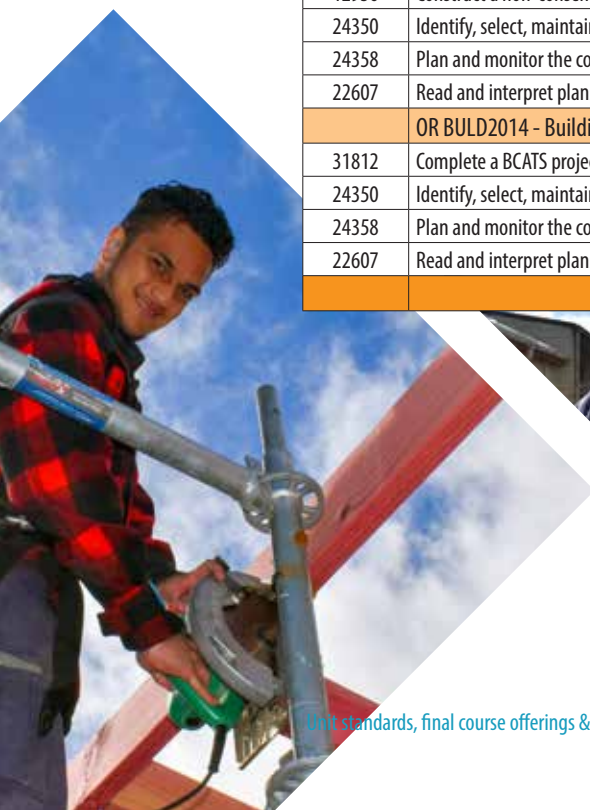
Would you like to work in the construction industry? The construction industry is booming and in need of qualified builders. Get a head start by gaining the right skills and knowledge you need to succeed. This pathway prepares you to enter the construction workforce in a range of areas, including as 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: 1 day per week.

UNIT STD	QBP3582 CONSTRUCTION - LEVEL 2	LEVEL	NZQA CREDITS
	BULD2010 – Building Construction 1	2	10
31860	Construct and perform routine maintenance on a basic residential timber fence as a BCATS project; OR		4
12938	Lay paving blocks as a BCATS project		4
12927	Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects		6
	BULD2012 – Building Construction 2	2	20
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
	OR BULD2014 – Building Construction 3	2	18
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
	TOTAL CREDIT VALUE	2-3	28 or 30



CONSTRUCTION, 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: 2 days per week.

UNIT STD	BULD3070 INTRO TO CONSTRUCTION AND SAFE WORKING PRACTICES	LEVEL	NZQA 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
TOTAL CREDIT VALUE		3	30

Courses Pathway to further study in:

New Zealand Certificate in Construction Trade Skills (Level 3)
New Zealand Certificate in Carpentry (Level 4)
New Zealand Diploma in Construction (Construction Management) (Level 6)
New Zealand 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 AND TECHNOLOGY

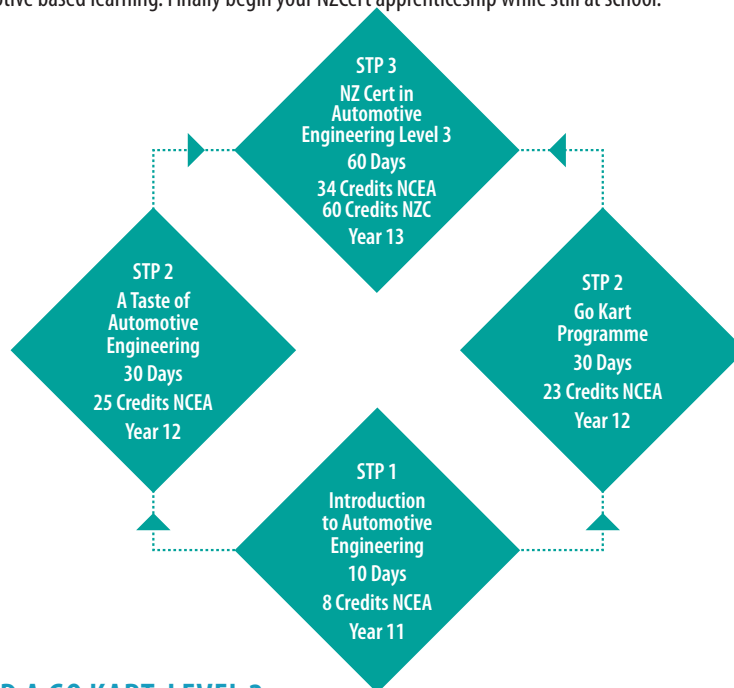
Are you... practical, inventive, logical, a problem solver, analytical, hands-on, tech savvy, detailed? There's an amazing mix of jobs across this sector to suit everyone.

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 NZCert 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 skill and the ability to purchase the finished go kart.

Course delivery: 1 day per week.

UNIT STD	AUTO2037 BUILD A GO KART	LEVEL	NZQA 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		1-3	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: 1 day per week.

UNIT STD	AUTO2035 A TASTE OF AUTOMOTIVE ENGINEERING	LEVEL	NZQA 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		1
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		1-3	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: 2 days per week.

UNIT STD	NZC AUTOMOTIVE ENGINEERING	LEVEL	NZQA CREDITS
	AUTO3037 Automotive Workshop Safety		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
	AUTO3038 Basic Workshop Engineering Tasks, Tools and Equipment		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
	AUTO3039 Engines		3
24275	Disassemble, inspect, and reassemble an engine short block under general supervision		3
	AUTO3040 Engine Systems		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
	AUTO3041 Driveline systems		7
24689	Carry out routine maintenance on automotive automatic transmissions		4
30516	Replace driveline components		3
TOTAL CREDIT VALUE		2-3	37

Courses Pathway to further study in:

New Zealand 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: 1 day per week.

UNIT STD	MECHANICAL ENGINEERING	LEVEL	NZQA CREDITS
	MECH2042 Mechanical Engineering Core Skills		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
	MECH2043 Mechanical Engineering Workshop Skills		12
14866	Demonstrate workshop skills for mechanical engineering		12
	TOTAL CREDIT VALUE	2	25

Courses Pathway to further study in:

NZ Certificate in Mechanical Engineering (Level 3)
NZ Certificate in Mechanical Engineering (Trade) (Level 4)
New Zealand 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

Imagine the joy of working outside on a farm! If farming's your thing, this pathway is for you. You gain the introductory skills and knowledge right here to prepare you for your future job. You could put your skills to work in sheep, beef or dairy farming, or in any other agricultural sector. Use your knowledge to carry out general maintenance of rural infrastructure. Get ready for plenty of hands-on learning and become part of New Zealand's booming agricultural industry.

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

FARMING AND AGRICULTURE, LEVEL 2

Course delivery: 1 day per week.

UNIT STD	FARMING (AGRICULTURE)	LEVEL	NZQA CREDITS
	PRMY.2004 Livestock Handling		8
19114	Assist with handling and treatment of livestock		6
19116	Demonstrate knowledge of livestock behaviour and welfare		2
	OTHA2001 Staying Safe in Primary Industries		5
23540	Demonstrate knowledge of hazards, hazard control, and the consequences of injury in a rural workplace		5
	PRMY.2014 General Skills for Primary Industry		10
24832	Open and draw out a coil of wire, tie knots, join wire, and prepare wire for transport and storage		5
24540	Maintain and use a petrol-powered brushcutter		2
	Plus one of the below		
19044	Demonstrate knowledge of the legal requirements and hazards associated with tractor use		3
24557	Demonstrate knowledge of the safe operation of a quad bike		3
24555	Demonstrate knowledge of the safe operation of motorcycle		3
	TOTAL CREDIT VALUE	2	23

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



Unit standards, final course offerings & locations are subject to change & are dependent on minimum student numbers

FARMING AND AGRICULTURE, LEVEL 3

Course delivery: 2 days per week.

UNIT STD	AGRI3001 ESSENTIAL FARMING PRACTICE	LEVEL	NZQA CREDITS
19115	Handle and move livestock		6
28977	Assist with implementation of livestock preventative health programmes		10
29297	Operate and maintain a chainsaw in a land based context		8
	TOTAL CREDIT VALUE	3	24

*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)
New Zealand Certificate in Agriculture (Farming Systems) (Level 3)
New Zealand Diploma in Primary Industry Business Management (Level 5)

Types of employment these courses lead to:

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

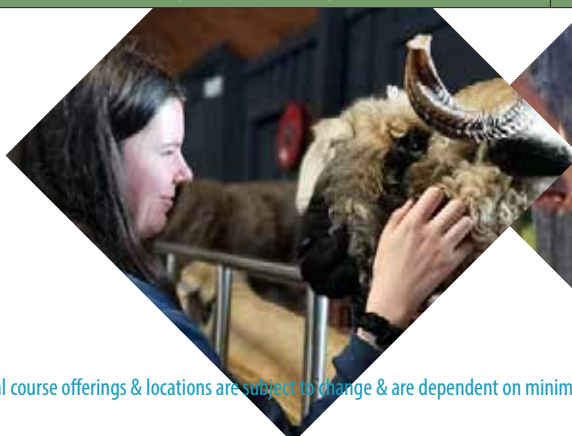
PEST CONTROL

PEST OPERATIONS

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: 2 days per week.

UNIT STD	NZC PEST OPERATIONS	LEVEL	NZQA CREDITS
	OTHA3007 Health and Safety		
6400	Manage first aid in an emergency situation		2
6401	Provide first aid		1
6402	Provide basic life support		1
	OTHA3008 Communication and Environmental Impact		
	OTHA3009 Pest Control		
29337	Prepare and use toxins to control rural pest animals		6
29335	Demonstrate understanding of rural pest animal operations in New Zealand		8
	TOTAL CREDIT VALUE	1-3	18



Unit standards, final course offerings & locations are subject to change & are dependent on minimum student numbers

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

UNIT STD	WOOD MANUFACTURING	LEVEL	NZQA CREDITS
	WPRO.2110 Introduction to Wood Manufacturing		10
159	Demonstrate knowledge of environmental issues in wood manufacturing industries		5
22977	Demonstrate knowledge of workplace risks in a wood manufacturing operation		5
	WPRO.2102 Wood Product Manufacturing		10
17964	Demonstrate knowledge of the wood product manufacturing industry		5
22978	Demonstrate knowledge of wood product quality		5
	TOTAL CREDIT VALUE	2	20

WOOD MANUFACTURING, LEVEL 3

Course delivery: 1 day per week.

UNIT STD	WPRO.3000 OPERATING WOOD OPTIMISATION SYSTEMS AND A RIP SAW CENTRE	LEVEL	NZQA CREDITS
20752	Operate ripping saw centre		5
24777	Operate scanning and optimizing systems for a machine centre		10
27917	Apply workplace health and safety in a wood manufacturing operation		6
662	Grind and hone straight knives and anvils		5
	TOTAL CREDIT VALUE	3	26



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: 1 day per week.

UNIT STD	FORESTRY	LEVEL	NZQA 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
TOTAL CREDIT VALUE		2	20

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: 1 day per week.

UNIT STD	FOOD2021 ESSENTIAL SKILLS FOR THE HOSPITALITY INDUSTRY	LEVEL	NZQA 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 AND 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 practising your skills in real-life student cafés and restaurants on campus.

Course delivery: 2 days per week.

UNIT STD	FOOD3030 COOKERY AND CULINARY ARTS	LEVEL	NZQA 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 AND BARISTA, LEVEL 3

Course delivery: 1 day per week.

Changing USD's, tbc

UNIT STD	FOOD3032 CAFÉ SERVICE AND BARISTA	LEVEL	NZQA 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: 1 day per week.

UNIT STD	TOUR3009 TOURISM, TRAVEL AND EVENTS	LEVEL	NZQA 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



SPORT, FITNESS AND 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 AND 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 to be confirmed for 2024

UNIT STD	LEADERSHIP SKILLS IN SPORT AND OUTDOOR RECREATION	LEVEL	NZQA 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

OUTDOOR EXPERIENCE AND ADVENTURE TOURISM, LEVEL 3

And if it's adventures you're after, jump into a role that will let you kayak, raft, rock climb, and tramp in New Zealand's lush natural playground. Course to be confirmed for 2024

UNIT STD	OUTDOOR EXPERIENCE AND ADVENTURE TOURISM	LEVEL	NZQA CREDITS
9681	Contribute within a team or group which has an objective		3
11097	Listen actively to gain information in an interactive situation		3
28516	Prepare for, participate in, and evaluate an outdoor experience as a member of group		15
TOTAL CREDIT VALUE		3	21

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, team training instructor, personal trainer, freestyle group exercise instructor, instructor or guide within community and private outdoor or adventure education/recreation/tourism providers, schools, leadership development programmes, event supervisor, hauora or health educator, recreation programme coordinator, sport development officer, sport coordinator, sport coach, whānau ora leader, applied sports scientist, events manager, health and physical education teacher



HAIRDRESSING AND BEAUTY THERAPY

HAIR, BEAUTY AND 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: 1 day per week.

UNIT STD	HAIR, RETAIL AND BEAUTY	LEVEL	NZQA CREDITS
	SMKT2005 Customer Service Skills for Retail Industries		5
28295	Demonstrate knowledge of serving customers in a retail environment		5
	PERS2011 Introduction to the Hairdressing Salon		7
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
	PERS2010 Introduction to Beauty Therapy Service		6
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
	TOTAL CREDIT VALUE	2	18

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: 1 day per week.

UNIT STD	HAIR, RETAIL AND BEAUTY	LEVEL	NZQA CREDITS
19808	Select and maintain barbering tools and equipment	2	4
19805	Blow dry hair using barbering techniques	2	5
2886	Design and shape beards and moustaches	3	7
10645	Describe the development of barbering	3	3
	TOTAL CREDIT VALUE	2-3	19



NZ CERTIFICATE IN MAKEUP AND 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 practising on your classmate models.

Course delivery: 2 days per week.

UNIT STD	NZ CERTIFICATE IN MAKEUP AND SKIN CARE	LEVEL	NZQA CREDITS
	Professional Practice		16
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
	Skin Care Services. Prerequisites 27644, 27645		16
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
	Makeup Services. Prerequisites 27644, 27645, 27646		10
27647	Perform makeup services		10
	Cosmetic Counter Sales and Service		20
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
	TOTAL CREDIT VALUE	3	62

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.

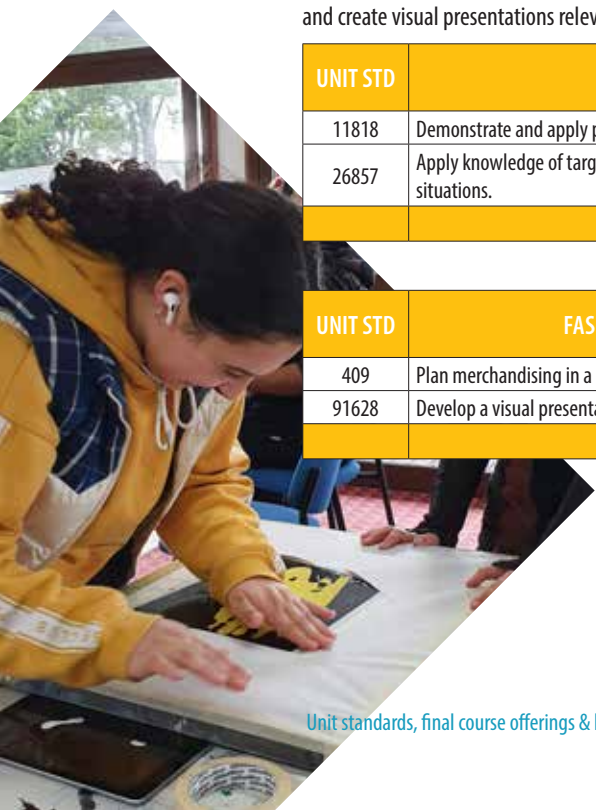
UNIT STD	FASHION & DESIGN	LEVEL	NZQA CREDITS
	ARTD.2000 Introduction to Pattern Making		7
91350	Make advanced adaptations to a pattern to change the structural and style features of a design		4
25240	Demonstrate knowledge of the factors that influence the cost of a garment		3
	ARTD.2001 Introduction to Art and Design		7
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
	FASH.2000 Fundamentals of Fashion Design		6
91345	Implement advanced procedures using textile materials to make a specified product with special features		6
TOTAL CREDIT VALUE		2	20

FASHION, RETAIL AND 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.

UNIT STD	FASHION AND APPAREL	LEVEL	NZQA 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
TOTAL CREDIT VALUE		3	14

UNIT STD	FASHION AND MERCHANDISING	LEVEL	NZQA 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
TOTAL CREDIT VALUE		3	9



Unit standards, final course offerings & locations are subject to change & are dependent on minimum student numbers

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 (TO BE APPROVED)

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.

UNIT STD	GAME DESIGN	LEVEL	NZQA 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 Development and Design (Level 5)
NZ Diploma in Software Development (Level 6)

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, typographer, web designer, 3D technologies, AR/VR technologies content creator. Arts education practitioner, arts administrator. Fashion Designer, fashion technician, sample machinist, pattern engineer, production designer, buyer, retailer, costume design.
Roles in software development solutions – design, coding, scripting and testing. Programming, education and small business software. Self-employed consultant or contractor.



TASTER & SHORT COURSES



TASTER COURSES

Grow your employability skills and knowledge by choosing 3 taster courses to make up a unique full year programme of trades experiences.

Taster / short courses will only occur if scheduled as part of a 3 term offering, or if unused student spaces become available in Terms 2 or 3. Accordingly taster/ short courses may not always be available.

TOI OHOMAI

Grow your employability skills and knowledge by choosing 3 taster courses to make up a unique full year programme of trades experiences.

* Students should enrol in 3 separate taster courses to make up a full year programme.

** Taster & short courses may not always be available.

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Te Pūkenga

INTRO TO WORKING IN A SALON ENVIRONMENT, LEVEL 1 / TASTER

UNIT STD	HAIR AND BEAUTY TASTER	LEVEL	NZQA CREDITS
25439	Sustainability		2
28027	Observation of Technical skills		3
	TOTAL CREDIT VALUE	1	5

INTRO TO MUSIC, LEVEL 1

Do you want to turn your love of music into a career? This course is the first step.

UNIT STD	INTRODUCTION TO MUSIC	LEVEL	NZQA CREDITS
32300	Demonstrate and apply introductory knowledge of MIDI sequencing		2
32301	Demonstrate and apply introductory knowledge of a music notation application		2
	TOTAL CREDIT VALUE	1	4

INTRO TO HOSPITALITY AND TOURISM, TASTER

This introduction to Hospitality and Tourism is an entry-level course with 10 weeks of hands-on learning introducing students to the basic skills and knowledge, attitudes and attributes required to work in various roles within the tourism and hospitality industry.

UNIT STD	TOUR1004 INTRO TO HOSPITALITY AND TOURISM	LEVEL	NZQA CREDITS
21058	Identify career pathways in the hospitality industry		2
24728	Demonstrate knowledge of work roles in tourism		3
	TOTAL CREDIT VALUE	1-2	5

INTRODUCTION TO WOOD MANUFACTURING, TASTER

Are you ready to learn a trade surrounded by the sight and smell of freshly sawn timber? If you enjoy working with wood, here's your chance to jump-start your career in wood manufacturing.

Course delivery: 10 week course.

UNIT STD	MANU1002 INTRODUCTION TO WOOD MANUFACTURING	LEVEL	NZQA CREDITS
17971	Demonstrate knowledge of the solid wood manufacturing industry		5
	TOTAL CREDIT VALUE	2	5



LAND-BASED OPERATIONS AND TECHNOLOGIES, TASTER

Course delivery: An entry level 10 week course.

UNIT STD	AGRI1002 LAND-BASED OPERATIONS AND TECHNOLOGIES	LEVEL	NZQA CREDITS
24623	Describe breeds and classes of cattle, and identification and records for cattle		2
561	Install, dismantle, and store temporary electric fences		2
19147	Describe the activities and identify the hazards in a wool shed during shearing from a farm perspective		2
TOTAL CREDIT VALUE		2	6

GET YOUR GAME ON: GAME AND REALTIME DESIGN, LEVEL 1

This 10 week course is a hands-on course. You will be creating from day one. It is not about playing games it is about creating them. You complete a basic 2D game followed by a 3D game and then create your own custom game.

UNIT STD	GAME AND REALTIME DESIGN	LEVEL	NZQA CREDITS
18758	Find information using the Internet		2
18739	Create and use simple command sequences in a computer language		2
25988	Use computer technology to create and deliver a presentation		3
TOTAL CREDIT VALUE		1	7

CONSTRUCTION, TASTER AND LEVEL 1

This introduction to construction is an entry-level course with 10 weeks of hands-on learning introducing students to the basic skills and knowledge used within the construction industry. To be approved.

UNIT STD	BULD1002 INTRO TO CONSTRUCTION & INFRASTRUCTURE	LEVEL	NZQA CREDITS
25920	Use joints for a BCATS project		3
24352	Demonstrate and apply knowledge of safe working practices and use PPE during the construction of a BCATS project		2
24357	Receive instructions and communicate information in relation to BCATS		4
TOTAL CREDIT VALUE		1-2	9

MECHANICAL ENGINEERING, TASTER

Mechanical Engineering is an entry level course with 10 weeks hands on with the development of a simple engineering product.

UNIT STD	MECH1002 INTRO TO ENGINEERING	LEVEL	NZQA CREDITS
21911	Demonstrate knowledge of safety on engineering worksites		2
4433	Select, use, and care for simple measuring devices used in engineering		2
4436	Select, use, and care for engineering marking-out equipment		3
TOTAL CREDIT VALUE		1-2	7

AUTOMOTIVE, TASTER

A taste of auto is an entry level course with 10 weeks hands on stripping of a complete vehicle using automotive tools and processes.

UNIT STD	AUTO2038 AUTOMOTIVE SKILLS	LEVEL	NZQA CREDITS
229	Identify the general locations and functions of motor vehicle systems and main components		4
TOTAL CREDIT VALUE		2	4

SHORT COURSES

HAIR TO TRAIN



KAIKUTIKUTI MAKAWA (HAIRDRESSER/BARBER)

Course delivery: 10 weeks, 1 day per week (Mondays); TGA, WHK, ROT

UNIT STD	BARBERING & HAIRDRESSING	LEVEL	NZQA CREDITS
25439	Demonstrate knowledge of sustainability concepts for a salon*		2
28026	Present a personal fashion image for work in a hairdressing salon environment (or barbershop)		3
28027	Demonstrate knowledge of undertaking an observation of technical skills in a salon*		3
21940	Demonstrate knowledge of workplace requirements for employment in a salon (or barbershop)		5
25439	Demonstrate knowledge of sustainability concepts for a salon*		2
TOTAL CREDIT VALUE		2	12

*Please note that this course will only occur if spaces become available later in Term 2 or 3.

DIVE ZONE



INTRODUCTION TO DIVING

This course provides an entry point for employment in the Diving Industry and in addition to the unit standards below they will gain the PADI Open Water Diving certification which is an internationally recognised recreational diving certification.

Held over 10 weeks for one day a week this course will be made up of dive theory approx. 10 hours and practical sessions both pool based and in open water at Lake Rotoma and boat dives in the ocean.

UNIT STD	OPEN WATER DIVER (DIVE-NZC3)	LEVEL	NZQA CREDITS
	DEMONSTRATE THE ABILITY TO DIVE IN OPEN WATER TO A MAXIMUM DEPTH OF 18 METRES		
28391	Snorkel dive in open water		2
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		3
TOTAL CREDIT VALUE		3	15

*This course will run if spaces become available terms 2 or 3, course held in TGA.



FUTURES ACADEMY

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