

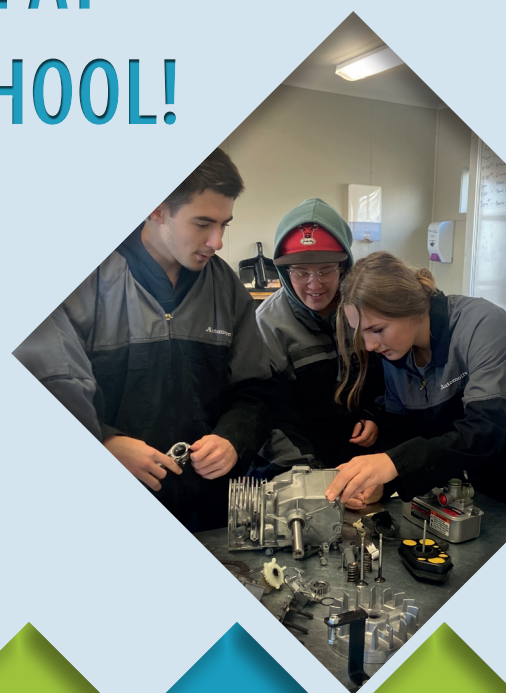


Bay of Plenty FUTURES ACADEMY

2023

programme guide

TRY A TRADE WHILE AT HIGH SCHOOL!



A trades academy providing hands-on, 21st century, tertiary training

TRAINING PARTNERS

**AXIOM
TRAINING**

**DIVE
ZONE**
TAURANGA

etco
the electrical
training experts

EmployNZ
Training for Employment



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



TE RŪNANGA O NGĀTI AWA



QUEENSTOWN RESORT COLLEGE
NEW ZEALAND
Tourism & Hospitality Management Education



**TE POU ORANGA O
WHAKATŌHEA**
Whānau Ora, Hapū Ora, Ka Ora ai te Iwi



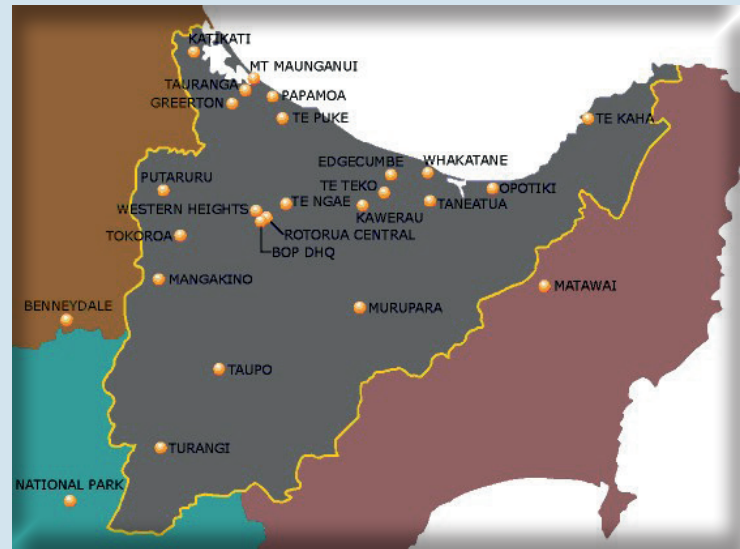
**Te Wānanga
o Aotearoa**

T-O
TOI-OHOMAI



Te Pūkenga

YOO3EE COLLEGE OF CREATIVE
INNOVATION



CONTENTS

WELCOME	2
FAQS	3
EARNING POTENTIAL	5
COURSE INFORMATION	7
AXIOM TRAINING	8
▶ Driver's training / forklift	8
DIVE ZONE	9
▶ Open water diving	9
EMPLOYNZ	11
▶ IT support	11
▶ Early childhood education	12
▶ Café skills	13
ELECTRICAL TRAINING CORPORATION (ETCO)	14
▶ Electrical foundations pre apprenticeship	14
QUEENSTOWN RESORT COLLEGE	16
▶ Hospitality services	16
TE RŪNANGA O NGĀTI AWA TECH TRAINING PILOT	18
▶ Alloy boat building	18
▶ Launch it, school to work cadetship with MAST	19
TE POU ORANGA O WHAKATŌHEA / ŌPŌTIKI COLLEGE	20
▶ Building academy	20
TE WĀNANGA O AOTEAROA	21
▶ Building and construction	21
▶ Hauora / fitness	22
▶ Māori tourism	22
▶ Māori performing arts, Te Ao Māori / Tikanga	23
YOOBEE COLLEGES	24
▶ Digital business, Game development	24
▶ Film and content creation	25
▶ Coding games & apps	26
TOI OHOMAI TE PŪKENGĀ	27
▶ Building and construction	27
▶ Manufacturing and technology	29
▶ Primary industries	33
▶ Service industries	37
▶ Creative & tech industries	43
FLEXIBLE START AND SHORT / TASTER COURSES (POSSIBLE MID-YEAR INTAKE)	46
SCHOOLS AND PROVIDERS	48



WELCOME

Kia ora tātou

**OFFERING ENGAGING, HANDS-ON, TRADES
TRAINING THAT LEADS TOWARD EMPLOYMENT
IS THE GOAL OF THE FUTURES ACADEMY**

FUTURE-FOCUSED

Bay of Plenty Trades Academy was formed in 2009 as one of the country's first Trades Academies. Since this time, it has been changing and growing to meet the workforce and regional growth needs of the Bay of Plenty with over 862 students involved in 2022. To align with our vision to be a 21st century trades programme, Bay of Plenty Trades Academy became known as Bay of Plenty Futures Academy (FA) in 2020.

THE FUTURES ACADEMY OPTION

Senior students at schools throughout the Bay of Plenty have the opportunity to enrol in the Futures Academy to combine their school learning experience with meaningful trades training at one of our education partners. Try a Trade as part of high school!

At FA, students engage in vocational/trades based programmes that pathway to apprenticeships, employment, skills-based qualifications on the National Qualifications Framework, or further tertiary trades training.

All of our programmes support students' achievement at National Certificate of Educational Achievement.



YOUR FUTURE STARTS HERE

FAQS

EVERYTHING YOU WANT TO KNOW TO START YOUR TRADES JOURNEY

WHAT CAN I EXPECT WHEN I STUDY AT THE FUTURES ACADEMY?

A stimulating, exciting and work-based programme of learning that:

- ✓ includes transportation to and from courses
- ✓ is hands-on
- ✓ enables you to develop skills for work, life or future study
- ✓ pathways to local workforce needs
- ✓ pathways to potential apprenticeship opportunities
- ✓ includes industry visits and field trips
- ✓ enables you to develop key skills and experience that employers are looking for
- ✓ involves both theory and practical trades training

WHAT OPPORTUNITIES DOES THE FUTURES ACADEMY OFFER ME?

- ✓ Gain trades-related training and experience while in high school
- ✓ Gain valuable work skills, confidence and experience that employer's value
- ✓ Gain credits that help you with high school
- ✓ With our tertiary partners, you can try out tertiary education for free!
- ✓ Use the experience as a pathway to further tertiary study and qualifications
- ✓ Develop skills for work and life

WHAT BEHAVIOUR IS EXPECTED OF ME AT FUTURES ACADEMY?

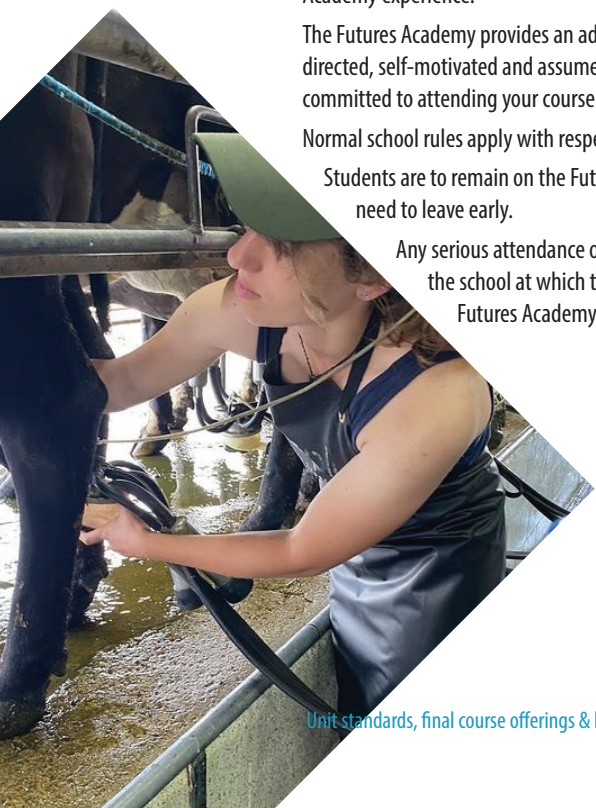
Students are expected to maintain 100% attendance, so they can get the most out of their Futures Academy experience.

The Futures Academy provides an adult learning environment where you are encouraged to be self-directed, self-motivated and assume responsibility for your learning. To do this you will need to be committed to attending your course and being fully involved in the learning process.

Normal school rules apply with respect to alcohol, smoking/vaping, drug use - these are forbidden.

Students are to remain on the Futures Academy campus at all times and must notify their tutor if they need to leave early.

Any serious attendance or behaviour breach will be communicated to and addressed by the school at which the student is enrolled – and could result in your withdrawal from Futures Academy.



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

FAQS

HOW DO I APPLY? HOW DO I GET SELECTED?

Contact your Careers Advisor at school to help with an application.

To be considered, you will need to have:

- expressed a genuine interest in trades or workforce training
- a record of regular school attendance
- displayed consistent and responsible behaviour at school
- shown a level of maturity to be able to study at two campuses and manage the associated workload.

DOES THE FUTURES ACADEMY GIVE ME CREDITS TOWARDS NCEA?

YES, credits gained contribute to your NCEA achievement at Levels 1, 2, 3 (depending on the course you choose to enrol in).

Many courses also count towards tertiary credit and qualifications.

APPLY NOW!

FOR MORE INFORMATION TALK TO YOUR SCHOOL CAREERS ADVISOR



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 <https://www.careers.govt.nz>

Occupational Outlook <https://occupationoutlook.mbie.govt.nz>

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



COURSE INFORMATION

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

TASTER AND SHORT COURSES

Where students can gain “a taste” of several different industries by enrolling in 2-3 separate courses, 1 each term, to make up a full year programme.

- Generally, courses offered are for Levels 1 or 2, one day a week, for 10-15 week terms.

FOUNDATION COURSES

Offer a foundational skills and training experience for students re: a particular trade.

- Generally, a level 2 course, offered one day a week, for 30 weeks.

ADVANCED COURSES

Offer a more in-depth skills training, where student can also attain credits towards an industry certificate or pathway directly into apprenticeships, trades employment or further tertiary level training.

- Generally, courses are offered at a level 3, and are held 2-3 days a week, for 30 weeks.

COHORT COURSES**

Designed for groups of students from one school.

Noho style through intensive 1-week blocks, over a 30-week period OR held one day a week, over 30 weeks.

- Generally, courses are offered at a level 2.

**** Please see Te Wānanga o Aotearoa for these cohort course options.**



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

Axiom Training is one of the largest private training providers in New Zealand. Our core business is in the provision of workplace health and safety, industry compliance, transport and machinery training and licencing, as well as crane and scaffolding training and training in high-risk environments. Axiom Training is a national organisation operating from sites in Auckland, Hamilton, Mount Maunganui and Christchurch with outlying learning centres in Whangārei, Hawkes Bay, Palmerston North and Wellington.

DRIVER'S TRAINING PROGRAMME (towards a class 1 licence)

The Axiom Driver's Training programme is designed to provide the knowledge and skills required to operate a light vehicle on New Zealand roads with the following focus on 1. Learners Licence, 2. Restricted Licence.

The courses provide hands-on skills learning, theory and interactive on-line learning of general driving knowledge, safe driving practices, safe driving skills and forklift for work skills. The course also includes the fee for students to take one practical "driver's test".

Delivery Days: Thursday or Fridays - 9.00 am to 2.00 pm at the Rangiora Sports Club Inc, 1/No 3 Rd, Te Puke (students will be bussed here for the course)

UNIT STD	LEARNER LICENSE TESTING	CREDITS	LEVEL	V.	HOURS
17563	Demonstrate knowledge of the New Zealand Graduated Driver Licensing System (GDLS)	2	3	3	20
3462	Demonstrate knowledge of traffic law for the purpose of safe driving	3	2	6	30
3465	Describe driving hazards and crash risk reduction strategies and responses to driving hazards	3	2	6	30
17676	Carry out a pre-start vehicle check on a vehicle or machine, and start and shut down the vehicle or machine	3	2	5	30
10851	Operate a powered industrial lift truck (forklift)	7	3	4	70
TOTAL CREDIT VALUE		18			

UNIT STD	RESTRICTED LICENSING	CREDITS	LEVEL	V.	HOURS
17676	Carry out a pre-start vehicle check on a vehicle or machine, and start and shut down the vehicle or machine	3	2	5	30
3466	Describe driving hazards and crash risk reduction strategies and responses to driving hazards	4	2	6	40
3469	Apply control in driving a light motor vehicle	2	2	5	20
10851	Operate a powered industrial lift truck (forklift)	7	3	4	70
TOTAL CREDIT VALUE		16			

*Licence attainment will be subject to students passing the required test and any time restrictions imposed by the New Zealand Transport Agency.

Courses Pathway to further study in:

NZC in Study and Career Preparation – Commercial Transport (Level 3)
NZC in Commercial Road Transport – Heavy Vehicle Operators (Level 3)
NZC in Distribution (Level 3)
Related Certificate, Levels 3-4 and Diploma Programmes in Road Transport,
Warehousing and Logistics, with Toi Ohomai Te Pūkenga

Types of employment these courses lead to:

Heavy machinery/forklift operators, Truck driver, Warehousing, Importer/exporter, Port operations, Courier/delivery agent, Air and freight



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 pre requisites 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. It will be made up of dive theory and practical sessions both pool based and in open water at Lake Rotomā and boat dives in the ocean. Students will be required to bring their own mask and snorkel and have their medical fitness signed off by a doctor to participate in this course.

UNIT STD	OPEN WATER DIVER (DIVE-NZC3)	LEVEL	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

UNIT STD	FIRST AID PROVIDER (1STAID-NZC3)	CREDITS	LEVEL
	Recognise and respond to emergency dive situations.		
6401	Provide first aid		
6402	Provide resuscitation level 2		
6400	Manage first aid in emergency situations		
28438	Demonstrate knowledge of diving first aid and oxygen administration and use supplemental oxygen		
	TOTAL CREDIT VALUE	3	3



LIZ PLANK

Liz@divezonetauranga.co.nz
021 398 744

DIVE ZONE TAURANGA

UNIT STD	ADVANCED OPEN WATER DIVER (ADV-NZC3)	CREDITS	LEVEL
	Demonstrate practical experience in SCUBA diving in five specialty areas.		
28404	Complete scuba dives in open water to depths between 18 and 40 metres		
28393	Navigate underwater while scuba diving in open water		
28401	Complete underwater search and recovery scuba dives in open water		
28396	Complete scuba dives at night in open water		
28405	Complete dives in open water to locate and observe common aquatic organisms		
	TOTAL CREDIT VALUE	20	3

UNIT STD	RESCUE DIVER (RESC-NZC3)	CREDITS	LEVEL
	Demonstrate knowledge of rescue diving and the ability to use diver rescue skills.		
28395	Complete diver rescues		
	TOTAL CREDIT VALUE	7	3

Courses Pathway to further study in:

NZ Certificate in Diving (Leadership)
NZ Diploma in Professional Scuba Instruction
Other related industry courses such as:
Marine Studies
Commercial Diving
Underwater Construction
Boat Skippers

Types of employment these courses lead to:

Dive Instructor, Dive Guide, Dive retail, Adventure Tourism, Commercial Diving, Super Yacht Crew, Boat Charter Crew, Outdoor Education, Tourism Guide



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

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

TECHNOLOGY

INTRODUCTION TO IT SUPPORT, LEVEL 2 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		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



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

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 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. 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, Tauriko, Tauranga.



UNIT STD	ELECTRICAL FOUNDATIONS COURSE, LEVEL 3	LEVEL	CREDITS
25070	Conductors, insulators, semi-conductors		7
29467	Ethical work practise		2
25071	Generation of EMF		3
25072	Electro Magnetism		5
29470	Motor and Generator construction		2
29468	Plant Isolation, re-commissioning, testing		5
29479	Electrical Diagrams		4
15848	Electrical safeguards		3
750	Test instruments		2
15852	Isolate, test low voltage sub circuits		2
29469	Flexible cord, Cable selection		4
29465	Safety, safe working practices		6
29466	Legislation and Standards		2
29474	Fittings and components		6
29477	NZ National Grid and Protection		2
1204	Earthing		2
29471	Switchboards, Lighting, Power circuits		2
29482	Special Power Supplies		3
29472	Lighting systems		6
29476	Capacitance, Inductance, pf correction		7
29484	Theory and Practice (CAPSTONE)		1
15855	Circuit Protection		3
29473	Single and Three Phase transformers		3
29483	Single and Three Phase Rotating Machines		4
29475	Electronics		8
5932	Static and Magnetic Interference		2
29481	Lighting installation, testing, repair, disposal		5
29557	Fault Identification and Location		4
29480	Circuit design, control, protection		6
15866	Examination and Testing of Installations		3
29478	Special Installations		6
CREDIT VALUE		2-4	120

Courses Pathway to further study in:

Foundation Program Graduates

- Electrical Apprenticeship – NZ Certificate Electrical Engineering Level 4

Electrical Apprentices

- Electrical Engineering Qualification

Types of employment these courses lead to:

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

CONTACT

admissions@qrc.ac.nz
0800 441 114



QUEENSTOWN RESORT COLLEGE
NEW ZEALAND

Tourism & Hospitality Management Education

QRC is an internationally recognised, 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.

TRADES ACADEMY, 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. 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.

UNIT STD	TRADES ACADEMY, LEVEL 2	LEVEL	CREDITS
US167	Food safety and safe work practices in a commercial context	2	4
US14466	Applying safe work practices in a commercial context	2	2
US27955	Applying safe food practices to prevent cross contamination when handling food	3	4
US28145	Methods and techniques used to interact with customers at a basic level	2	2
US14425	Ingredient storage, equipment usage and interpreting information	2	5
US17288	Understanding and using correct equipment and ingredients to prepare espresso beverages	3	5
US14436	Menu and table presentation. Learning and understanding workplace terms	2	4
TOTAL CREDIT VALUE		2-3	26

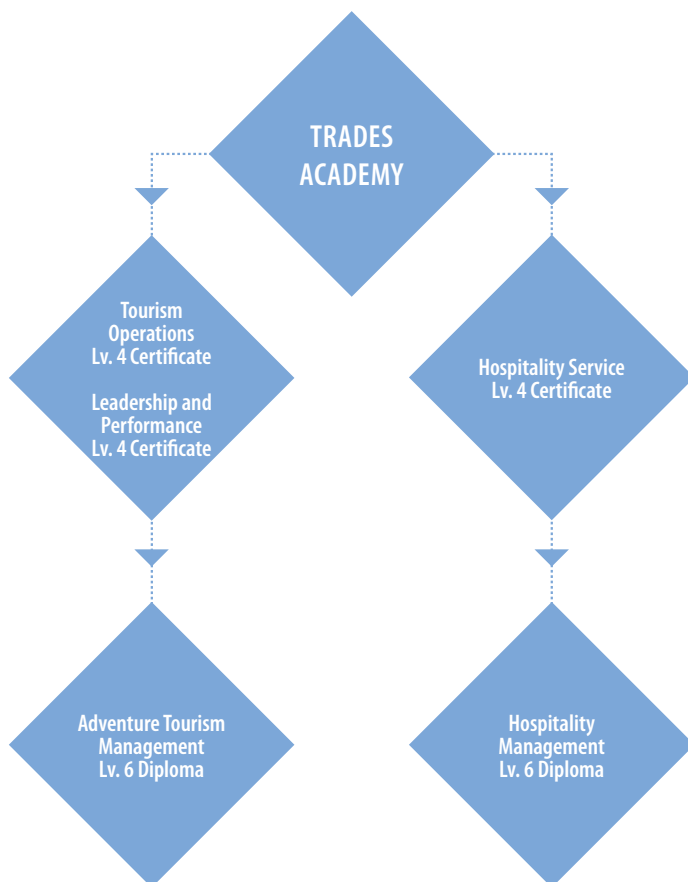
TRADES ACADEMY, LEVEL 3

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.

UNIT STD	TRADES ACADEMY, LEVEL 3	LEVEL	CREDITS
US17284	Demonstrate knowledge of coffee origin and production	3	3
US17288	Prepare and present an espresso beverage	3	5
US13282	Apply food safety practices in a food-related establishment	3	5
US13282	Prepare, assemble, and present complex sandwiches for service in a commercial kitchen	3	2
US13316	Prepare and cook basic pasta dishes in a commercial kitchen	3	3
US13325	Prepare and bake basic cakes, sponges and scones in a commercial kitchen	3	4
US13343	Demonstrate knowledge of nutrition in commercial catering	3	5
US29928	Demonstrate knowledge of viticulture in New Zealand	3	5
TOTAL CREDIT VALUE		3	32

2023
Programme Guide





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 they can do further study towards a Level 6 Diploma.

There are multiple job opportunities for students who complete Trades Academy within the Tourism and 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.

Courses Pathway to further study in:

Tourism Operations, Level 4
Diploma in Hospitality Management, Level 6
Adventure Tourism Management, Level 6
NZ Certificate in Tourism, Level 3 with TWA
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, Cafe. Worker, Hospitality, Cultural Interpretation, Cultural Tourism, Entrepreneur, Outdoor Education, Receptionist, Retail, Teaching, Tourism Guides, Travel Consultant

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





TAAWHI ONEHI

ttc@ngatiawa.iwi.nz
07 307 0760



TE RŪNANGA O NGĀTI AWA



Te Pūkenga



VERTICAL HORIZONS



Te Rūnanga o Ngāti Awa has been working hard to develop and implement a Workforce Development framework to service the employment gaps within the Whakatāne district. Whilst we are still in our infancy, we have secured a small portfolio of training courses to compliment on offer for our whānau and wider hāpori.

Our primary focus is the Marine sector and servicing the recruitment deficit at Extreme Boats. We have also ventured into other sectors such as Primary Industries and Building / Construction. For more information on these please contact us using the details above.

ENGINEERING / ALLOY BOAT BUILDING

IN PARTNERSHIP WITH TOI OHOMAI TE PŪKENG, LEVEL 2

This course will develop taura knowledge of boat building techniques composite construction and design. Class will run for 30 weeks and will take place 1 day a week at Extreme Boats. There is the possibility of taura securing an apprenticeship with Extreme Boats or alternatively pathway into Engineering Level 3.

Course delivery: 30 weeks; WHK

UNIT STD	ALLOY BOAT BUILDING	LEVEL	CREDITS
21911	Demonstrate knowledge of safety on engineering worksites	2	2
21912	Apply safe working practices on an engineering worksite	2	2
4433	Select, use, and care for simple measuring devices used in engineering	1	2
2395	Demonstrate and apply knowledge of the selection, use, and care of engineering hand tools	2	4
4436	Select, use, and care for engineering marking out equipment	2	3
14866	Demonstrate workshop skills for mechanical engineering	2	12
TOTAL CREDIT VALUE		2	25



2023
Programme Guide



TE RŪNANGA O NGĀTI AWA



TAAWHI ONEHI

ttc@ngatiawa.iwi.nz
07 307 0760

LAUNCH IT! PRE-APPRENTICESHIP

IN PARTNERSHIP WITH MARINE SPECIALIZED TECHNOLOGIES (MAST)

This course provides an introduction to Marine and Composite workplaces. Classes take place 1-2 days a week and is a mixture of theory at Te Mānuka Tūtahi and practical held at Extreme Boats.

Taura have the potential to secure an apprenticeship with Extreme Boats or alternatively pathway into jobs such as a Fabricator or Composite Technician.

TE ARA MAHI: TE RŪNANGA O NGĀTI AWA MICRO CREDENTIAL

Trainees successfully completing this programme within the expected time frame will be well placed to continue their training by registering for an apprenticeship. All of the unit standards are included in MAST Academy apprenticeship programmes leading to New Zealand Certificates.

Students must complete the compulsory unit standards and at least one unit standard from the elective set, for each term enrolled.

Course delivery: Approximately 30 weeks, 2 days a week; WHK

UNIT STD	LAUNCH IT, SCHOOL TO WORK CADETSHIP	LEVEL	CREDITS
Compulsory Units			23
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	Apply environmentally sustainable work practices and principles in the marine or composite industry	5	
Electives to be chosen from below to make up the 17 credits			17
9922	Produce templates or patterns used in the marine industry	4	
9944	Describe the characteristics of aluminium alloy relevant to boat building	4	
11790	Prepare aluminium substrates for marine surface coatings	5	
18161	Perform measurements and calculations used in a marine or composite workplace	5	
21907	Demonstrate and apply knowledge of safe welding principles and quality assurance under supervision	4	
23243	Identify and explain the causes and prevention of material deterioration in the marine environment	10	
23255	Install on outboard motor on a production trailer boat	8	
30770	Dismantle, inspect, assemble, and test simple marine system components	10	
TOTAL CREDIT VALUE		2-4	40

Courses Pathway to further study in:

Level 3 and 4 courses and apprenticeships with NZ Marine ITO.
Level 3 and 4 courses and apprenticeships with Ngāti Awa and Toi Ohomai Te Pūkenga

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



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

2023
Programme Guide

JOHN GILMOUR

john.gilmour@opotiki.school.nz

HOHEPA HEI

Hohepa.hei@whakatohea.co.nz



TE POU ORANGA O
WHAKATŌHEA

Whānau Ora, Hapū Ora, Ka Ora ai te Iwi



In 2022 Ōpōtiki College will be launching a Level 3 Building Academy in partnership with Whakatōhea Māori Trust / Te Pou Oranga o Whakatōhea.

It will be a full time course (5 days a week) where students will be building 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

BUILDING ACADEMY / LEVEL 3

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

UNIT STD	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



2023
Programme Guide



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.

CONSTRUCTION AND INFRASTRUCTURE

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 : 190 HOURS	LEVEL	CREDITS
12996	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
TOTAL CREDIT VALUE		2	19

* TWOA has 2 different approved BCATS courses if schools wish to pursue a two years of BCATS study or enrol students for a more intensive 2 days a week of study (or an 8 week noho experience)

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





SOCIAL AND COMMUNITY SERVICE

HAUORA / FITNESS, COHORT / LEVEL 2

Hauora is about health, fitness, and wellbeing. Whether you want to improve your own fitness, launch into a career in the sporting industry, or learn more about traditional Māori health and wellbeing knowledge, we have a study options that may suit you. You'll learn about:

- nutrition principles
- basic anatomy
- knowledge of coaching
- basic skills and rules at a beginner level sport

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

UNIT STD	HAUORA / FITNESS : 230 HOURS	LEVEL	CREDITS
6571	Demonstrate relevance of principles of nutrition to health		2
21649	Apply knowledge of basic anatomy to the performance of sport skills		3
21791	Relate human anatomy and movement to gym equipment and static stretching		4
21793	Demonstrate correct technique when using basic gym equipment		2
22770	Demonstrate knowledge of sports coaching, the coaching environment, and sport participants' needs		4
22769	Demonstrate knowledge of basic skills and rules at a beginner level for a sport		2
13363	Demonstrate knowledge and skills of waiata ā-ringā		6
TOTAL CREDIT VALUE		2	23

SERVICE INDUSTRY

MĀORI TOURISM, COHORT / LEVEL 2

Tourism is an industry full of adventure and exploration and in Aotearoa we offer visitors something they can't find anywhere else in the world - Māori culture. If you like meeting new people and would love to show off the beauty of our country, this programme is for you.

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

UNIT STD	MĀORI TOURISM : 190 HOURS	LEVEL	CREDITS
11941	Establish and maintain positive customer service interactions		2
23761	Read and comprehend work-related documents in English for a tourism workplace		3
24724	Demonstrate knowledge of the history of tourism		4
24728	Demonstrate knowledge of work roles in tourism		3
24730	Demonstrate knowledge of the business of tourism		4
24732	Demonstrate knowledge of tourist characteristics and needs		3
TOTAL CREDIT VALUE		2	19





CREATIVE INDUSTRY

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 Tākaro 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



CONTACT

rotorua@yoobee.colleges.com
0800 66 55 44
1178 Pukaki Street Rotorua 3010

Yoobee College of Creative Innovation is New Zealand's largest specialist creative and technology college. We've been fuelling the creative and technology industries for over 30 years with talented Animators, Filmmakers, Designers, Techies, and Game Developers.

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: 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

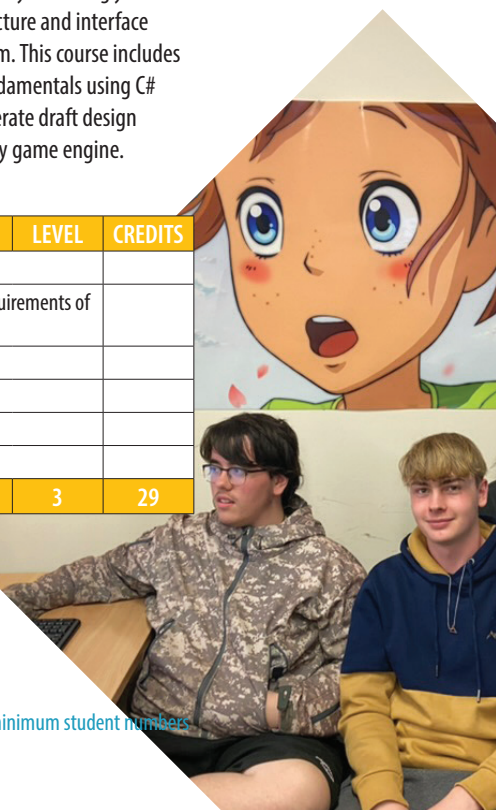
GAME DEVELOPMENT

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, and then develop your code in the Unity game engine.

Course delivery: 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		
29793	Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief		
29791	Capture and prepare digital media for integration into other applications		
29796	Collaborate effectively with others in a digital environment		
18741	Create a computer program to provide a solution		
18750	Produce a learner focused electronic training package for organisation use		
TOTAL CREDIT VALUE		3	29



FILM AND CONTENT CREATION

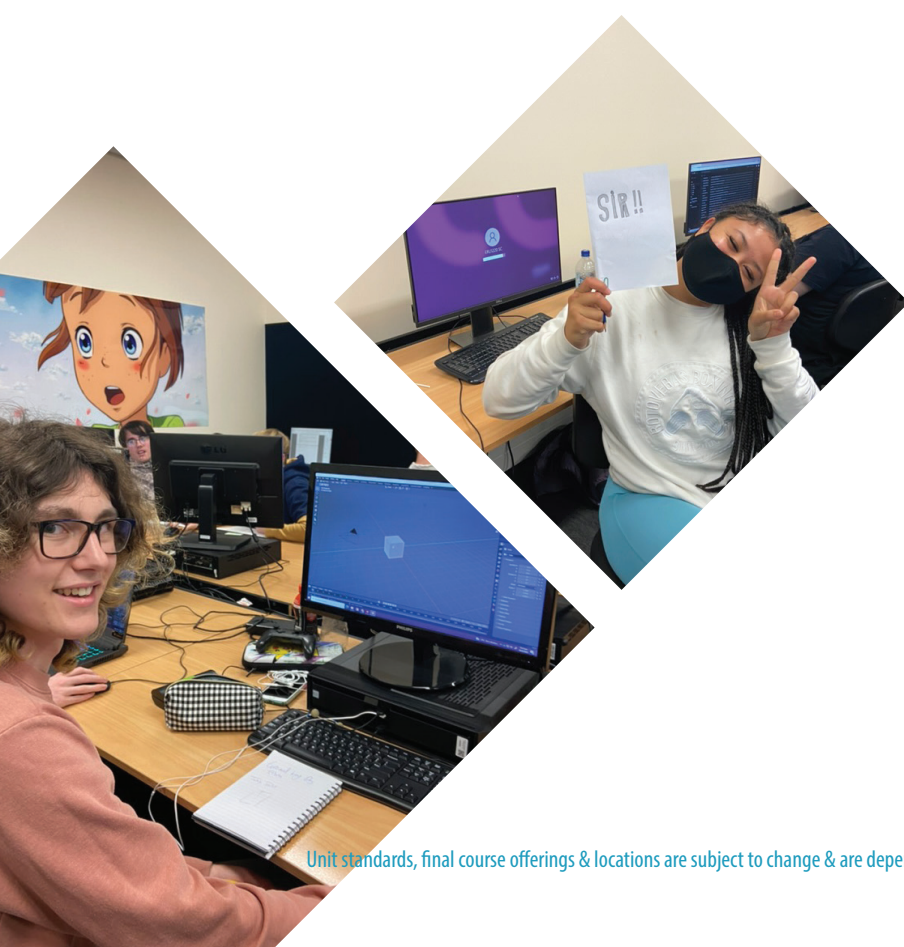
From scripting and storyboarding to post-production and editing, discover the essentials of inspirational film-making.

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.

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. 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: 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		
29793	Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief		
29796	Collaborate effectively with others in a digital environment		
29789	Use a presentation application to produce an interactive multimedia presentation		
TOTAL CREDIT VALUE		3	18



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

CONTACT

rotorua@yoobeecolleges.com
0800 66 55 44
1178 Pukaki Street Rotorua 3010

YOOBEE

COLLEGE OF CREATIVE INNOVATION

CODING GAMES AND APPS

Explore how coding is used to develop games, apps and websites. This course introduces game development using Unity, web development using HTML and CSS, and App development using Android Studio.

See how websites are developed and learn the coding required to make a site of your own. Plan layouts using UX tools and explore how HTML and CSS can be used to create cool website graphics including interaction and parallax effects with code. Learn the basics of coding for games using Unity game development platform, setting up levels characters and defining the game play. You will also learn how mobile app development works and create a simple app that you can run on a phone. Includes an introduction to interface and interaction design using Android Studio.

Course delivery: 1 day a week (Friday) for 15 weeks, terms 3-4

UNIT STD	CODING GAMES AND APPS	LEVEL	CREDITS
29788	Develop and evaluate an interactive website for organisational use		
18741	Create a computer programme to provide a solution		
29789	Use a presentation application to produce an interactive multimedia presentation		
TOTAL CREDIT VALUE		3	14

Courses Pathway to further study in:

Certificate in Creative Media, L4
Diploma in Web & Graphic Design L5
Diploma in Animation L5
Diploma in Creative Marketing L5
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, 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.

UNIT STD	BULD1002 - INTRO TO CONSTRUCTION AND 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
TOTAL CREDIT VALUE		1	5

***Students are to enrol in 3, separate, taster courses, one each term, to make up a full year program.**



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

CONSTRUCTION, LEVEL 2

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

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.

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

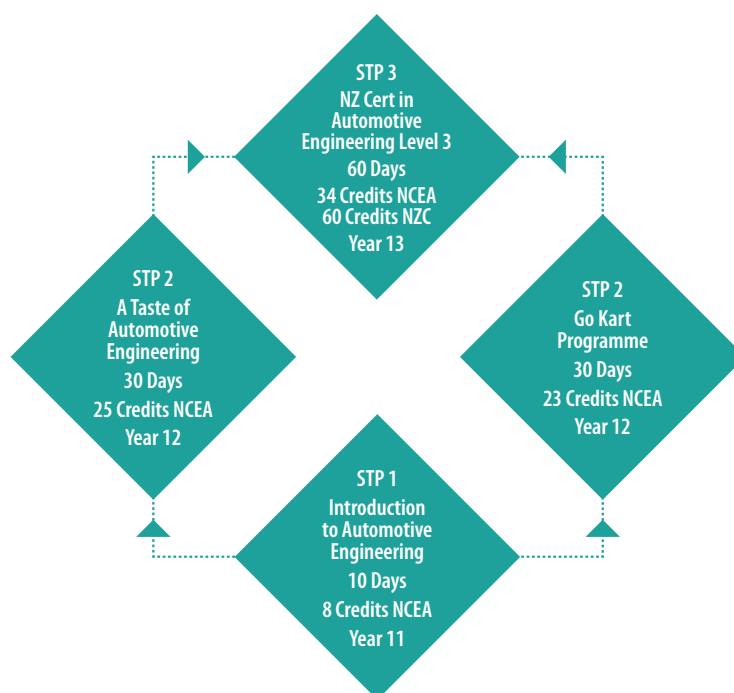
Are you... practical, inventive, logical, a problem solver, analytical, hands-on, tech savvy, detailed? There's an amazing mix of jobs across this sector to suit everyone.

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.



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
21859	Select and use handtools and workshop equipment for an automotive application		2
TOTAL CREDIT VALUE		2	6

*Students are to enrol in 3, separate, taster courses, one each term, to make up a full year program.



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.

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	23

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.

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
30572	Demonstrate knowledge of vehicle or machine batteries		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.

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



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

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.

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

*Students are to enrol in 3, separate, taster courses, one each term, to make up a full year program.

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.

Alloy Boat building option offered in Whakatāne. Same credits as per below.

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

PRIMARY INDUSTRIES, TASTERS

Course delivery: An entry level 10 week course.

UNIT STD	AGRI1002 LAND-BASED OPERATIONS AND TECHNOLOGIES	LEVEL	NZQA CREDITS
30211	Dag and ring crutch sheep with prepared equipment		5
	TOTAL CREDIT VALUE	2	5

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

**Students are to enrol in 3, separate, taster courses, one each term, to make up a full year program.

FARMING AND AGRICULTURE, LEVEL 2

UNIT STD	FARMING (AGRICULTURE)	LEVEL	NZQA CREDITS
	PRMY.2004 Livestock Handling		8
19112	Check and report on livestock		4
19116	Demonstrate knowledge of livestock behaviour and welfare		2
18192	Demonstrate knowledge on how cows produce milk		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.



FARMING AND AGRICULTURE, LEVEL 3

Course delivery: 2 days per week.

UNIT STD	AGRI3001 ESSENTIAL FARMING PRACTICE	LEVEL	NZQA CREDITS
24846	Prepare to operate, and operate a hand held post hole borer		6
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	30

*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 Certificate in Organic Primary Production (Level 4), Strand in Livestock Production
New Zealand Diploma in Primary Industry Business Management (Level 5)

Types of employment these courses lead to:

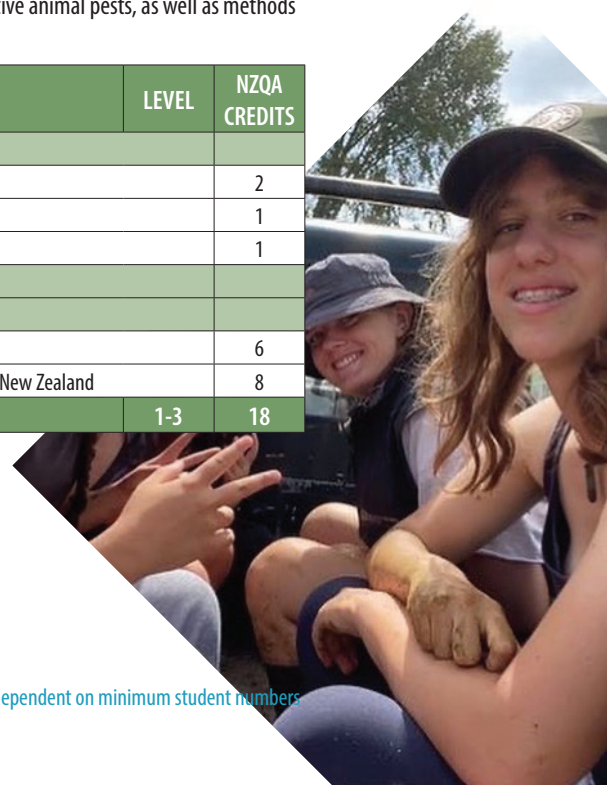
Farm Assistant, Shepherd, Milk Harvester, Livestock Manager, Farming

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 rats, rabbits, stoats and ferrets – some of our most destructive animal pests, as well as methods for controlling pest plants.

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



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, 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

***Students are to enrol in 3, separate, taster courses, one each term, to make up a full year program.**

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



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

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

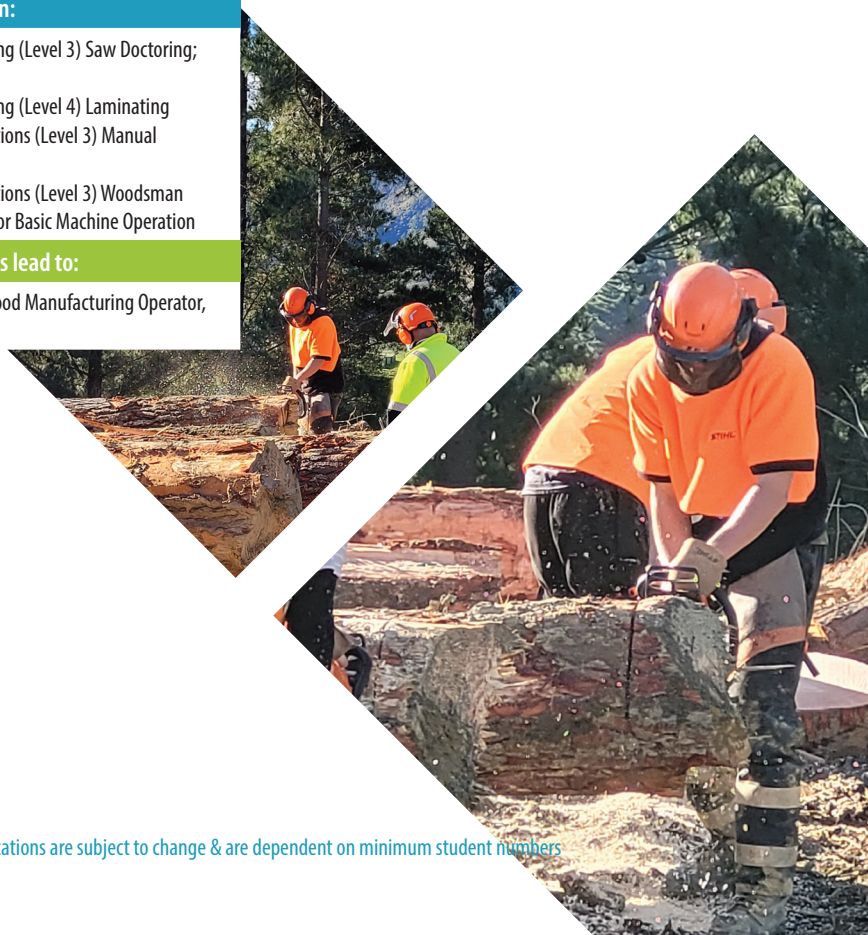
UNIT STD	FORESTRY	LEVEL	NZQA CREDITS
29297	Operate and maintain a chainsaw in a land-based context		8
22854	Apply innovative thinking within a business context		2
31656	Demonstrate knowledge of safe work practices in a primary industry operation		10
TOTAL CREDIT VALUE		2	20

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 AND 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 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

***Students are to enrol in 3, separate, taster courses, one each term, to make up a full year program.**

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.

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.

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 4)
NZ Certificate in Cookery (Level 5)
NZ Certificate in Baking (Level 4)
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



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

HAIRDRESSING AND BEAUTY THERAPY

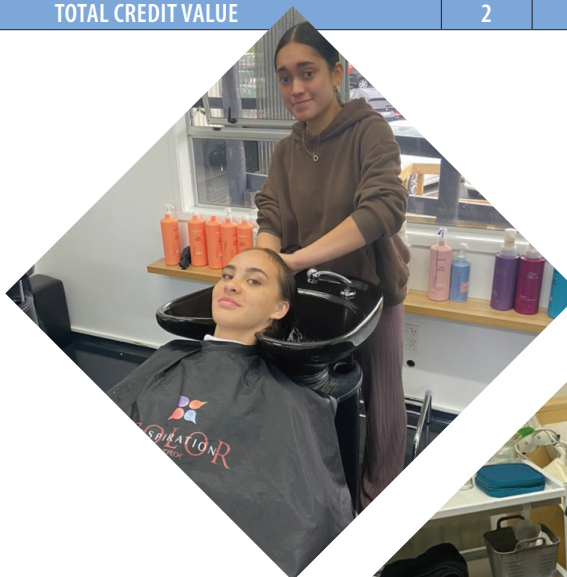
HAIR AND BEAUTY, LEVEL 1 / TASTER

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

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.

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



NZ CERTIFICATE IN MAKEUP AND SKIN CARE, LEVEL 3 (pending approval)

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.

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, 24645, 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

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.

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.

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



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.

CREATIVE INDUSTRIES

INTRODUCTION TO CREATIVE ARTS, LEVEL 1

This introduction to Creative Arts is an entry-level course with 10 weeks of hands-on learning introducing students to the basic fundamental skills and knowledge of the process to develop a prototype in the context of creative art and design industries.

UNIT STD	INTRODUCTION TO CREATIVE ARTS	LEVEL	NZQA CREDITS
91047	Undertake development to make a prototype to address a brief		6
TOTAL CREDIT VALUE		1	6

INTRODUCTION TO DESIGN AND VISUAL COMMUNICATION, LEVEL 1

If you are more design and visual communications, this 10 week course is for you.

UNIT STD	INTRODUCTION TO DESIGN AND VISUAL COMMUNICATION	LEVEL	NZQA CREDITS
91067	Use the work on an influential designer to inform design ideas		3
91068	Undertake development of design ideas through graphics practice		6
TOTAL CREDIT VALUE		1	9

CREATIVE ARTS, 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	CREATIVE ARTS	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

MUSIC

INTRODUCTION 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

Courses Pathway to further study in:

NZ Certificate in Music (Level 4)
NZ Diploma in Music (Level 5)
Photography Pathways (Level 3)
Fashion Pathways Pattern Making (Level 3)
Garment Construction Pathways (Level 3)
Photoshop and Illustrator Pathways (Level 3)
NZ Certificate in Arts and Design (Level 3)
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)

Types of employment these courses lead to:

ART AND DESIGN

Freelance artist and/or designer on contract or sole trader. Graphic Designer, marketing advisor, marketing content creator, typographer, web designer, 3D technologies, AR/VR technologies content creator. Gallerist, director, register, arts education practitioner, front of house, arts administrator, event and festival manager/operations/administrator. Fashion Designer, fashion technician, sample machinist, pattern engineer, production designer, buyer, retailer, costume design, quality control, supply chain administration.

MUSIC

Employment or self-employment as a sound production/sound engineer. Music performer at a range of events and venues. Composing for personal music repertoire for LP release. Organising personal group events or public music gigs. Assisting in production of live or recorded music. And music/media business occupations.

COMMUNICATIONS MEDIA

A range of media industry jobs, such as in social media and content creation. Self-employed YouTuber. Film and Television Industry career options. Commercial freelance video capture and production.



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!

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

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

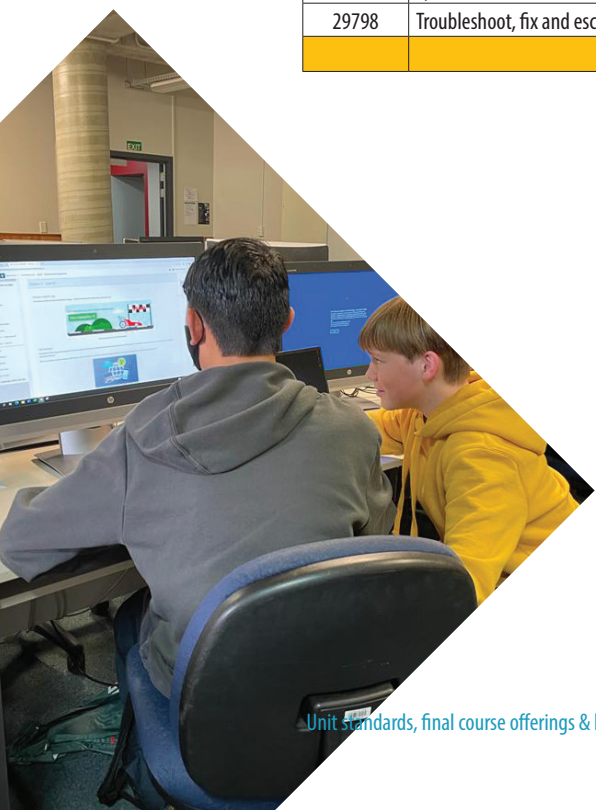
Courses Pathway to further study in:

NZ2594 NZ Certificate in Information Technology Essentials (Level 4)
NZ2598 NZ Diploma in Web Development and Design (Level 5)
NZ2604 NZ Diploma in Software Development (Level 6)

Types of employment these courses lead to:

Graduates of the level 5 qualification will have the skills and knowledge to be employed in an entry level role in an organisation that provides customisation of package software solutions, or in a graphic design organisation.

Graduates of the level 6 qualification will have the skills and knowledge to enter employment in development or testing roles, in a range of organisational contexts. These roles may require fundamental coding, scripting, and testing skills, and are less likely to require significant architecture and design skills. Graduates may also be employed in other roles that use programming skills, such as teaching, small business projects; or be self-employed.



FLEXI & SHORT COURSES

FLEXIBLE START DATE COURSES

The following full-year courses are likely to enroll new students into the course mid-year (if space becomes available).

Axiom Training

- Learner licence L2
- Restricted licence L2

Employ NZ

- Into to tech support L2
- IT Support L3
- Early Childhood Education L3
- Café Skills L2

Queenstown Resort Colleges

- Trades Academy L 2, (Hospitality and Barista Services)
- Trades Academy L3 (Cooking, food and beverage operations)

Yoobee Colleges

- Digital Business L3
- Game Development
- Film and Content Creation

Te Rūnanga o Ngāti Awa / MAST

- Launch it School to Work Cadetships with MAST

Toi Ohomai Te Pūkenga

- Creative Arts L2
- Hospitality and Cookery L2
- Cookery L3
- Tourism L3
- Hair, Beauty and Retail L2
- Sports and Outdoor L2/3
- Adventure Tourism L3

*The credits students earn will be variable from what is stipulated for the full year course and will be dependent on students' time in the course and the work they complete.



FLEXI & SHORT COURSES

SHORT OR TASTER COURSES

The following courses may be run later in the year if spaces become available.

Dive Zone TGA

- Intro to Diving, L3 (10 week short course)

Yoobee Colleges

- Coding Games and Apps, L3 (a 15 week course offered terms 3&4)

Toi Ohomai Te Pūkenga

CREA1000 Introduction to Creative Arts -Taster

- 91047 Undertake development to make a prototype to address a brief

VART001 Introduction to Design and Visual Communication

- 91067 Use the work on an influential designer to inform design ideas
- 91068 Undertake development of design ideas through graphics practice

MUSIC Introduction to Music -Taster

- 32300 Demonstrate and apply introductory knowledge of MIDI sequencing
- 32301 Demonstrate and apply introductory knowledge of a music notation application

COMP1001 Game and Realtime Design

- 18758 Find information using the Internet
- 18739 Create and use simple command sequences in a computer language
- 25988 Use computer technology to create and deliver a presentation

BULD1002 Introduction to Construction and Infrastructure

- 25920 Use joints for a BCATS project
- 24352 Demonstrate and apply knowledge of safe working practices and use PPE during the construction of a BCATS project

AUTO2038 Automotive Skills

- 229 Identify the general locations and functions of motor vehicle systems and main components
- 21859 Select and use handtools and workshop equipment for an automotive application

MECH1002 Introduction to Engineering

- 21911 Demonstrate knowledge of safety on engineering worksites
- 4433 Select, use, and care for simple measuring devices used in engineering
- 4436 Select, use, and care for engineering marking-out equipment

AGRI1002 Land-Based Operations and Technologies

- 30211 Dag and ring crutch sheep with prepared equipment

MANU1002 Introduction to Wood Manufacturing

- 17971 Demonstrate knowledge of the solid wood manufacturing industry

Introduction to Hair and Beauty

- 25439 Sustainability
- 28027 Observation of Technical skills

TOUR1004 Introduction to Hospitality and Tourism

- 21058 Identify career pathways in the hospitality industry
- 24728 Demonstrate knowledge of work roles in tourism

SCHOOLS & PROVIDERS

EBOP HUB

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

Providers

EmployNZ
 ETCO
 Ngāti Awa Technical Training Centre
 Te Pou Oranga O Whakatōhea / Ōpōtiki College
 Queenstown Resort College
 Te Wānanga o Aotearoa
 Toi Ohomai Te Pūkenga

ROTORUA HUB

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

Providers

Te Wānanga o Aotearoa
 Toi Ohomai Te Pūkenga
 Yoobee Colleges

Bay of Plenty Region



TAURANGA HUB

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

Providers

Axiom Training
 Dive Zone
 EmployNZ
 ETCO
 Te Wānanga o Aotearoa
 Toi Ohomai Te Pūkenga

TAUPŌ HUB

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

Providers

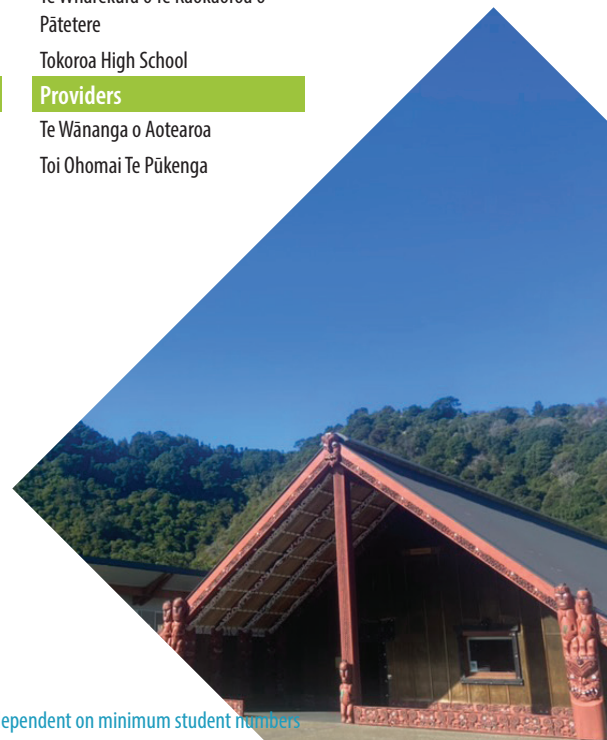
Te Wānanga o Aotearoa
 Toi Ohomai Te Pūkenga

SOUTH WAIKATO HUB

Forest View High School
 Putāruru College
 Te Kura Kaupapa Māori o Te Hīringa
 Te Wharekura o Te Kaokaoa o Pātetere
 Tokoroa High School

Providers

Te Wānanga o Aotearoa
 Toi Ohomai Te Pūkenga



FUTURES ACADEMY

FOR MORE INFORMATION CONTACT YOUR SCHOOLS
CAREERS ADVISOR OR CONTACT US AT

BOP FUTURES ACADEMY

Email: trades@trident.school.nz



@BOPFANZ

Phone: 021 058 0565
Cindy Lee, Manager

Web: futuresacademy.nz

Lead Provider of the Futures Academy

Post: C/- Trident High School
Arawa Road
Whakatāne, 3120



