



# **WAIUKU COLLEGE**

**SENIOR COURSE**

**INFORMATION**

**NCEA LEVEL 3**

**2025**

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NCEA Level 1	NCEA Level 2	NCEA Level 3	UEAS	Teacher/HoD
English ( <b>Compulsory</b> )	<b>Students MUST take either</b> English Literature <b>OR</b> English Film Studies	English Literature	UEAS	Miss Flynn
		English Film Studies	UEAS	
Te Reo Maaori	Te Reo Maaori	Te Reo Maaori	UEAS	Whaea Rhema Jakeman
Te Ao Haka	Te Ao Haka	Te Ao Haka	UEAS	
Tuu Rangatira	Tuu Rangatira			
Foreign Languages **	Foreign Languages **	Foreign Languages **	UEAS	Mr Ditchburn
History	History	History	UEAS	Ms Hughes
Geography	Geography	Geography	UEAS	Miss Corcoran
	Tourism	Tourism		Miss Corcoran
Legal Studies				Ms Hughes
Drama	Drama	Drama	UEAS	Ms Davison
Digital Art <b>OR</b> Visual Art	Design	Design	UEAS	Ms Isemonger
	Photography	Photography	UEAS	
	Visual Art	Painting	UEAS	
		Print Making	UEAS	
Music	Music	Music	UEAS	Ms Neilands
Design and Visual Communications (DVC)	Design and Visual Communications (DVC)	Design and Visual Communications (DVC)	UEAS	Mr Narayan
Digital Technology	Digital Technology	Digital Technology	UEAS	Mr Flynn
Business & Administration				
Hospitality	Hospitality & Catering	Hospitality & Catering		Mrs Drummond
Materials Technology (Metalwork/Woodwork)	Materials Technology: Wood	Building and Construction		Mr Narayan
	Materials Technology: Metal	Product Design Technology	UEAS	
<b>Students MUST take at least 1 Science course*</b> Science <b>OR</b> Chemistry & Biology <b>OR</b> Physics & Earth and Space Science <b>OR</b> Chemistry & Biology <b>AND</b> Physics & Earth and Space Science	Biology	Biology	UEAS	Mr Buksh
	Chemistry	Chemistry	UEAS	Mr North
	Physics	Physics	UEAS	Mr Johnson
Primary Industries Academy**	Primary Industries			Mr North
<b>Students MUST take either</b> Mathematics <b>OR</b> Numeracy	Algebra & Statistics	Calculus	UEAS	Mr Dama
		Statistics	UEAS	
	Numeracy			
Business Studies	Business Studies	Business Studies	UEAS	Mr Palmer
Physical Education	Physical Education	Physical Education	UEAS	Mr Hainsworth
	Sport Studies	Sport Studies		
Outdoor Leadership	Outdoor Leadership			
Health	Health	Health	UEAS	
	Early Childhood Education			
	MIT Trades Academy: Automotive	MIT Trades Academy: Automotive		Ms Lassen
	MIT Trades Academy: Nursing			

\*Students enrolled in the Primary Industries Academy do not have to take a Science but can if they wish.

\*\*Foreign Languages are offered via online learning with Te Tura (formerly The Correspondence School).

## INTRODUCTION

This guide provides information about the NCEA subjects available at Waiuku College. It is hoped that this information will help students, with the support of their parents/caregivers, to decide which subjects to take next year.

Choosing the right NCEA subjects is very important as it can have a major influence on a student's educational success. Students have a lot of subjects to choose from. It is important that they think carefully about where they want to go when they leave school before they decide which courses to take. If a student has no idea what they want to do, they should choose a broad range of subjects. Remember, it becomes more difficult to change direction as a student progresses through the senior school, so **think carefully, consult widely and choose wisely**.

### Selecting Subjects

Take a close look at the Senior Subject Overview on the previous page. The overview shows all the subjects available at Waiuku College. Pay particular attention to which subjects lead on from Level 1 to Level 2 and Level 3.

**Note those subjects that stop at a particular level, and plan how you will fill your options if you go on.**

Students should follow a broad-based, general course of study for as long as possible. Early specialisation is not recommended.

Entry to some careers and tertiary courses can be made easier by selecting appropriate NCEA courses. The Careers Advisor can be consulted for information on these requirements.

If you want to go to university, or would like to have the option of going, make sure you choose four or five subjects that lead on to University Entrance Approved Subjects (UEAS).

General criteria you should use in your choices are:

- Your interests
- Your abilities
- Any career intentions you have
- Allow for flexibility in case of a change in your career plans
- Any subjects needed for higher level or tertiary studies

To make good decisions, you need the right information. Check that you have:

- Discussed your subject choices with your family, teachers, Whaanau Leader and the Careers Advisor
- Used the Quest Database at [www.careers.govt.nz](http://www.careers.govt.nz)

### Important Dates

- Wednesday 24<sup>th</sup> July – Senior Course Information booklets emailed to students/parents
- Wednesday 31<sup>st</sup> July & Thursday 1<sup>st</sup> August – Pouako Conferences
- Friday 9<sup>th</sup> August – Deadline for all subject choices to be entered via KAMAR portal

**The school reserves the right to cancel or change courses.**

## WHO CAN I CONTACT FOR MORE INFORMATION/ADVICE?

If you have any questions regarding any of the courses on offer at Level 3 email the following people:

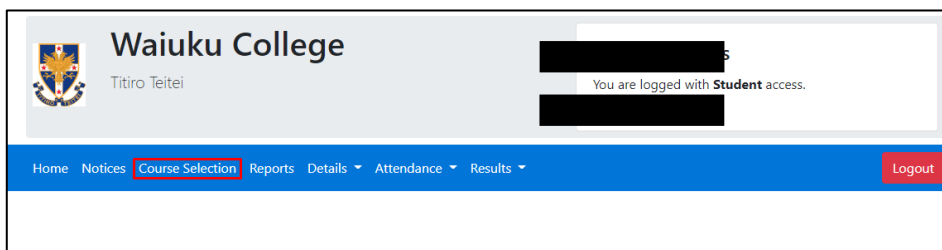
COURSE	TEACHER	EMAIL
Biology	Mr Buksh	<a href="mailto:bu@waiuku-college.school.nz">bu@waiuku-college.school.nz</a>
Building & Construction	Mr Fryer	<a href="mailto:fr@waiuku-college.school.nz">fr@waiuku-college.school.nz</a>
Business Studies	Mr Palmer	<a href="mailto:ash.palmer@waiuku-college.school.nz">ash.palmer@waiuku-college.school.nz</a>
Calculus	Mr Dama	<a href="mailto:sunny.dama@waiuku-college.school.nz">sunny.dama@waiuku-college.school.nz</a>
Chemistry	Mr North	<a href="mailto:nr@waiuku-college.school.nz">nr@waiuku-college.school.nz</a>
Design	Ms Isemonger	<a href="mailto:rebecca.isemonger@waiuku-college.school.nz">rebecca.isemonger@waiuku-college.school.nz</a>
Design and Visual Communications	Mr Narayan	<a href="mailto:na@waiuku-college.school.nz">na@waiuku-college.school.nz</a>
Digital Technology	Mr Flynn	<a href="mailto:john.flynn@waiuku-college.school.nz">john.flynn@waiuku-college.school.nz</a>
Drama	Ms Davison	<a href="mailto:kate.davison@waiuku-college.school.nz">kate.davison@waiuku-college.school.nz</a>
English Literature	Ms M Flynn	<a href="mailto:michelle.flynn@waiuku-college.school.nz">michelle.flynn@waiuku-college.school.nz</a>
English Film Studies	Ms M Flynn	<a href="mailto:michelle.flynn@waiuku-college.school.nz">michelle.flynn@waiuku-college.school.nz</a>
Foreign Languages	Mr Ditchburn	<a href="mailto:di@waiuku-college.school.nz">di@waiuku-college.school.nz</a>
Geography	Miss Corcoran	<a href="mailto:co@waiuku-college.school.nz">co@waiuku-college.school.nz</a>
Health	Mr Hainsworth	<a href="mailto:aaron.hainsworth@waiuku-college.school.nz">aaron.hainsworth@waiuku-college.school.nz</a>
History	Mrs Hughes	<a href="mailto:hg@waiuku-college.school.nz">hg@waiuku-college.school.nz</a>
Hospitality & Catering	Mrs Drummond	<a href="mailto:nada.drummond@waiuku-college.school.nz">nada.drummond@waiuku-college.school.nz</a>
MIT Trades Academy Automotive	Ms Lassen	<a href="mailto:sarah.lassen@waiuku-college.school.nz">sarah.lassen@waiuku-college.school.nz</a>
Music	Ms Neilands	<a href="mailto:odessa.neilands@waiuku-college.school.nz">odessa.neilands@waiuku-college.school.nz</a>
Painting	Ms Isemonger	<a href="mailto:rebecca.isemonger@waiuku-college.school.nz">rebecca.isemonger@waiuku-college.school.nz</a>
Photography	Ms Isemonger	<a href="mailto:rebecca.isemonger@waiuku-college.school.nz">rebecca.isemonger@waiuku-college.school.nz</a>
Physical Education	Mr Hainsworth	<a href="mailto:aaron.hainsworth@waiuku-college.school.nz">aaron.hainsworth@waiuku-college.school.nz</a>
Physics	Mr Johnson	<a href="mailto:jh@waiuku-college.school.nz">jh@waiuku-college.school.nz</a>
Print Making	Ms Isemonger	<a href="mailto:rebecca.isemonger@waiuku-college.school.nz">rebecca.isemonger@waiuku-college.school.nz</a>
Product Design Technology	Mr Fryer	<a href="mailto:fr@waiuku-college.school.nz">fr@waiuku-college.school.nz</a>
Sport Studies	Mr Hainsworth	<a href="mailto:aaron.hainsworth@waiuku-college.school.nz">aaron.hainsworth@waiuku-college.school.nz</a>
Statistics	Mr Dama	<a href="mailto:sunny.dama@waiuku-college.school.nz">sunny.dama@waiuku-college.school.nz</a>
Te Ao Haka	Whaea Rhema Jakeman	<a href="mailto:rhema.jakeman@waiuku-college.school.nz">rhema.jakeman@waiuku-college.school.nz</a>
Te Reo Maaori	Whaea Rhema Jakeman	<a href="mailto:rhema.jakeman@waiuku-college.school.nz">rhema.jakeman@waiuku-college.school.nz</a>
Tourism	Miss Corcoran	<a href="mailto:co@waiuku-college.school.nz">co@waiuku-college.school.nz</a>

For general advice you can email the following people:

TEACHER	ROLE	EMAIL ADDRESS
Mrs Drummond	Awaroa Whaanau Leader	<a href="mailto:nada.drummond@waiuku-college.school.nz">nada.drummond@waiuku-college.school.nz</a>
Mrs Woods	Kaiwaka Whaanau Leader	<a href="mailto:kathryn.woods@waiuku-college.school.nz">kathryn.woods@waiuku-college.school.nz</a>
Mrs Williams	Manaaukanuka Whaanau Leader	<a href="mailto:ru@waiuku-college.school.nz">ru@waiuku-college.school.nz</a>
Mr O'Donnell	Rehua Whaanau Leader	<a href="mailto:patrick.odonnell@waiuku-college.school.nz">patrick.odonnell@waiuku-college.school.nz</a>
Mrs Woods	Careers Advisor	<a href="mailto:kathryn.woods@waiuku-college.school.nz">kathryn.woods@waiuku-college.school.nz</a>
Ms Lassen	Yr12 Deputy Principal	<a href="mailto:je@waiuku-college.school.nz">je@waiuku-college.school.nz</a>

# How to Enter Your Subject Choices on KAMAR

1. Go to [Home • Waiuku College \(waiuku-college.school.nz\)](http://waiuku-college.school.nz)
2. When you have logged in click on **Course Selection**



1. To view information about a subject, click on the subject's name.
2. Select your six subjects by clicking on one of the grey boxes in the row next to the subject's name. **Important:** you can only tick one box in each column.
3. Select two **Alternate** subjects that you would be happy to do if you are not able to get your first choice of subjects. Do this by ticking in the box opposite the subject's name in the Alternate column.
4. When you have selected your subjects, click on **Preview Selection** at the bottom of the screen. If you are happy with your choice, click on **Confirm Selection**.



Home Notices Course Selection Reports Details Attendance Results Logout

## Year 13 / NCEA Level 3 Courses NCEA Courses

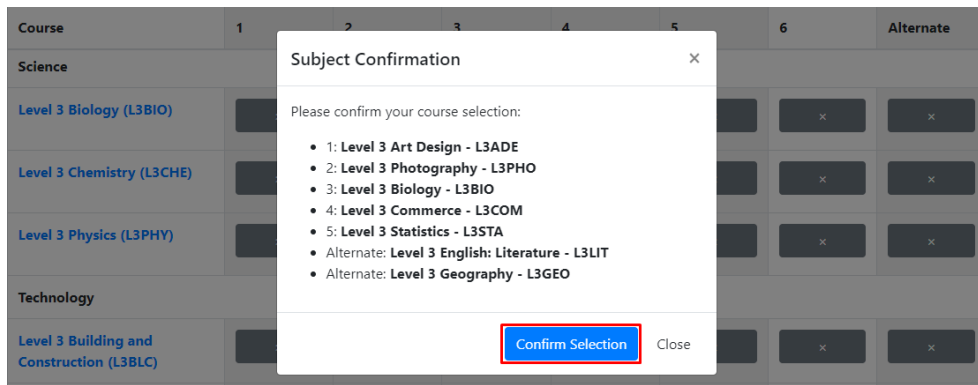
Students going into Year 13 in 2023 must select five NCEA Level 3 subjects and two Alternate subjects.

Students wanting to take a sixth subject must consult with their Dean first.

When you are ready to confirm your choices click on Preview Selection and then Confirm Selection.

Course	1	2	3	4	5	6	Alternate
<b>Arts</b>							
Level 3 Art Design (L3ADE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 3 Drama (L3DRA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 3 Music Performance and Technology (L3MPT)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 3 Music (L3MUS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 3 Photography (L3PHO)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 3 Painting (L3PNT)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 3 Printmaking (L3PRN)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Preview Selection Save



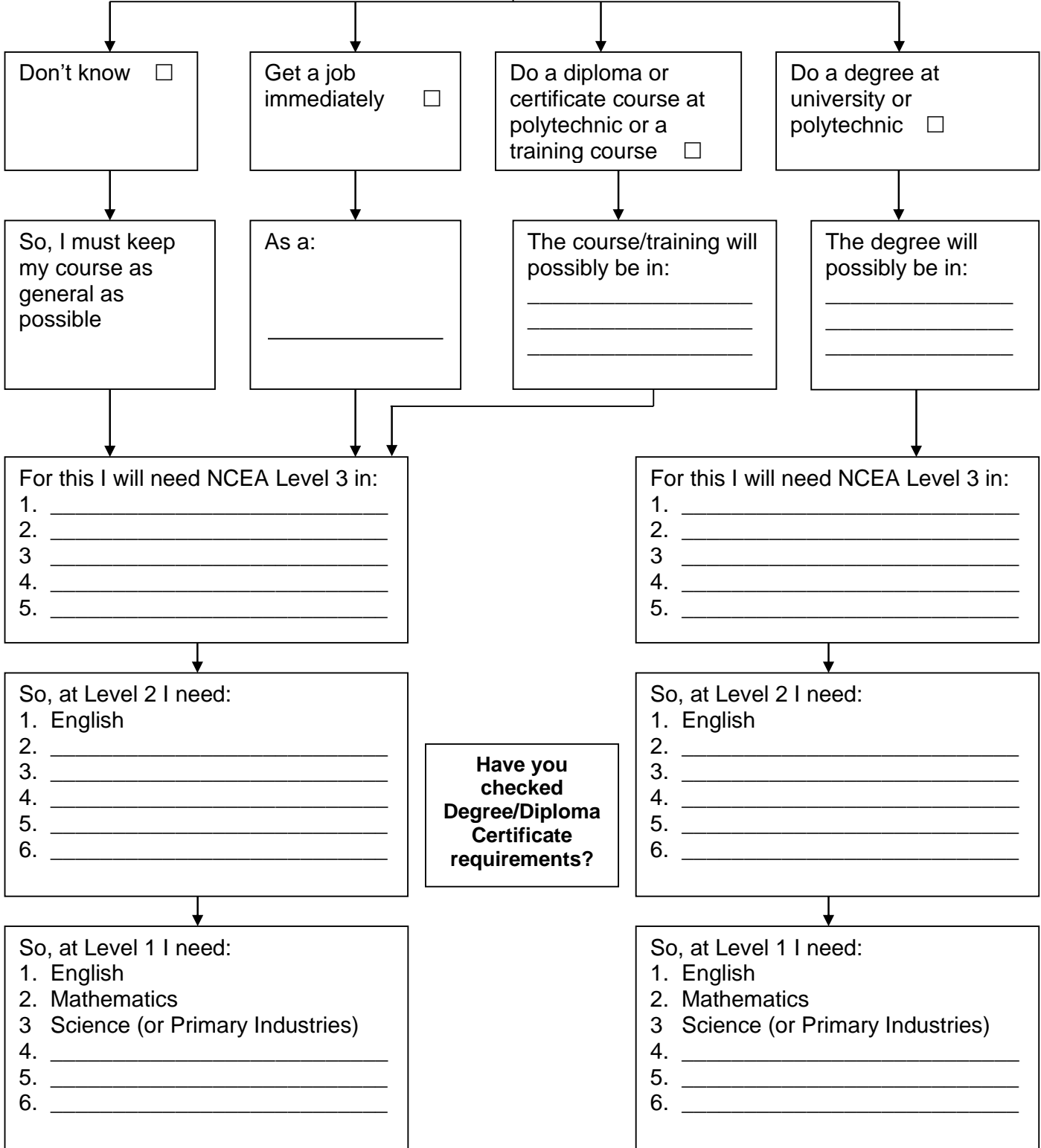
## What If I Change My Mind?

5. If you change your mind before the deadline for subject selections, you can log back in and change your selection by unticking the subjects you don't want and ticking the ones you do. Click on **Preview Selection** at the bottom of the screen and, if you're happy with your new list of subjects, click on **Confirm Selection**.

# PLANNING SHEET

START

When I leave school, I hope to:



## NCEA Is Changing

In 2020, the Government confirmed a series of changes to NCEA. The aim of the changes is to strengthen NCEA by improving well-being, for students and teachers, equity, coherence, pathways, and credibility.

There are seven key changes:

1. **Make NCEA more accessible** – zero fees, fewer barriers for learners with disabilities and learning support needs.
2. **Equal status for maatauranga Maaori in NCEA** – develop new ways to recognise maatauranga Maaori, build teacher capability, and improve resourcing and support for Maaori learners and te ao Maaori pathways.
3. **Strengthen literacy and numeracy requirements and assessments** – ensure students with an NCEA have functional literacy and numeracy skills that will ready them to transition into tertiary education or the workplace.
4. **Fewer, larger standards** – new achievement standards and resources will be developed to replace existing standards and ensure the qualification achieved credentials the most significant learning in a learning area or subject.
5. **Simplify NCEA's structure** – credits can no longer be carried over to the next level and resubmissions will only be allowed where they take students from a 'Not Achieved' grade to an 'Achieved' grade. Sixty credits are required to pass each NCEA level.
6. **Clearer pathways to further education or work** – develop a Vocational Entrance Award to clearly signal when a student is ready to transition into higher level vocational education and strengthen vocational pathways through NCEA.
7. **Keep NCEA Level 1 optional** – ensure Level 1 provides students with the broad, foundational knowledge needed to support specialisation at Levels 2 and 3.

The new NCEA Level 1 standards were introduced in 2024. The introduction of the new Level 2 and 3 standards has been postponed until 2028 and 2029 respectively. NCEA subjects will be divided into four standards worth a total of 20 credits. Two of the standards will be internally assessed and two will be externally assessed. In most cases, one of the external standards will be assessed by a traditional exam and the other by a Common Assessment Activity or portfolio submission. Most the new standards are worth five credits, although some are worth four and others six.

In addition to gaining 60 credits at Level 1, 2 or 3, students will also need to achieve the new Literacy and Numeracy co-requisites. Starting in Year 10, students have two opportunities each year to sit the Literacy and Numeracy exams. During the current transition phase, students can also gain Literacy and Numeracy via a modified Achievement Standard route. Students must achieve 10 literacy and 10 numeracy credits from a prescribed list of standards.

For more information on the NCEA Change Programme go to <https://ncea.education.govt.nz/what-ncea-change-programme>

For more information on the new standards go to [NCEA | NCEA \(education.govt.nz\)](https://ncea.education.govt.nz) and click on New Zealand Curriculum Explore Subject Materials

## SENIOR COURSE GUIDELINES 2025

### SENIOR QUALIFICATIONS

#### ***NCEA (National Certificate of Educational Achievement).***

Each subject is divided into Standards. Each standard is worth a set number of credits. If students achieve a standard (in other words, they pass it) they are awarded the corresponding number of credits. In order to achieve NCEA Level 1, 2 or 3 students have to achieve 60 credits at the appropriate level, or above. They must also achieve NCEA Literacy and Numeracy.

***NCEA Literacy and Numeracy:*** Starting in Year 10, students have two opportunities each year to sit the new Literacy and Numeracy exams. During the current transition phase, students can also gain Literacy and Numeracy by achieving certain Achievement Standards. However, Achievement Standard credits used towards Literacy and Numeracy cannot be counted towards the 60 required for NCEA certification.

***NCEA Level 1:*** Students must achieve 60 credits at Level 1 or above. They must also meet the Literacy and Numeracy requirements.

***NCEA Level 2:*** Students must achieve 60 credits at Level 2 or above. They must also meet the Literacy and Numeracy requirements.

***NCEA Level 3:*** Students must achieve 60 credits at Level 3 or above. They must also meet the Literacy and Numeracy requirements.

***Scholarship:*** These are optional exams run by NZQA, targeted at the top academic students in the country. Candidates are normally in Year 13 but students in Year 12 may sit them. Successful students receive financial awards ranging from one-off payments of \$500 up to \$10,000 per year for three years towards the cost of tertiary study. Scholarship exams do not count towards NCEA Level 3, nor do they lead to a qualification.

#### ***University Entrance***

University Entrance, or UE, is the minimum qualification required by school leavers to study at a New Zealand university. To gain University Entrance students must:

- Achieve NCEA Level 3 – see above.
- Achieve 14 Level 3 credits in each of three University Entrance Approved Subjects (UEAS), e.g. 14 credits in English + 14 credits in Geography + 14 credits in Chemistry.
- Achieve UE Literacy by gaining 5 reading and 5 writing credits at Level 2 or above. UE Literacy credits are earned by gaining specific Achievement Standards at Level 2 or 3 across a range of subjects. UE Literacy is not the same NCEA Literacy.
- Achieve NCEA Numeracy – see above.

Many university courses have additional requirements in addition to UE. Students should research the exact requirements of any courses they are interested in applying for. Auckland University prefers students to have a minimum of 17 Level 2 or 3 English credits, in addition to the minimum UE Literacy requirements.

## **COURSE FEES**

Please refer to individual subject pages for information about course related fees. By applying for a particular course, you are indicating your agreement to pay the related fees.

## **SENIOR COURSE STRUCTURE**

### **The Senior Timetable**

The senior timetable is made up of six lines. Each line has four periods giving a total of 24 periods a week. Period 5 on Wednesdays is a study period. Students in Years 11 and 12 take six subjects. Students in Yr13 normally take five subjects with the sixth line set aside for private study.

**Year 11** students MUST take English, Maths and a Science subject (or Primary Industries), plus three options.

**Year 12** students MUST take English or Te Reo Maaori and five options. They should retain a broad choice of subjects.

**Year 13** students are strongly advised to study English, or a subject with a major English language component (e.g. History) especially if intending to go to university. Students must take a total of 5 options which make up a coherent overall course related to their proposed future pathway. Students may take a sixth subject at the discretion of their Whaanau Leader.

## **GETTING OPTIONS ADVICE**

Students can get advice from their Pouako (Form Teacher), subject teachers, and Whaanau Leader. Heads of Department are also happy to assist in any way they can. Students can also speak with the school's Careers Advisor, Mrs Woods.

## **SPECIAL ASSESSMENT CONDITIONS**

Some students are entitled to Special Assessment Conditions (SAC) such as a reader/writer or extra time when they are completing internal assessments and exams. Students can qualify for SAC for a variety of reasons, such as dyslexia, dyspraxia and a visual or hearing impairment. If students have had additional support in the junior school, they may qualify for SAC when doing NCEA. Contact Ms Grey, the school's Special Educational Needs Co-ordinator (SENCO), for more information.

## WORK EXPERIENCE & TERTIARY STUDY OPTIONS FOR STUDENTS IN YEAR 12 &13

When students reach Year 12 new opportunities are presented that enable them to plan their pathway through the senior school and on to tertiary study or employment. These include the Gateway Programme and STAR Courses

### **GATEWAY PROGRAMME**

Gateway is a programme for Year 12 and 13 students designed to support transition into the workforce or tertiary study. It provides an opportunity to experience options which students may want to explore before embarking on a career or further study.

Key Points:

- Students have to apply and go through an interview and selection process in order to be accepted onto the programme.
- Student must gain at least 20 NCEA credits towards employability and work readiness skills or workplace learning related to the student's career goals, at the co-ordinator's discretion.
- Students complete a work placement with an employer one day a week for approximately ten weeks, while they continue to study at school.
- Students develop a relationship with local businesses as well as links with Industry Training Organisations.

Students often benefit from the Gateway Programme by becoming more motivated and self-confident. Students have reported that workplace learning is easier because it is 'real'.

In recent years we have had Gateway placements in businesses including animal care, building, engineering, healthcare, hairdressing, equine, agriculture, sport and recreation, early childhood education, automotive, horticulture, construction, tourism, midwifery, plumbing and electrical.

In 2025 we will have placements available for 40 students in Year 12 and 13. Students will need to fill out a **Gateway Application Pack**, complete relevant sections on the school's career tool and successfully complete an interview.

Please contact the Gateway Coordinator in the Careers Centre for more information. Applications open in Term 4 and close at the end of Week 4 Term 1, 2025. Interviews will take place in Week 5 Term 1.

## **STAR COURSES 2025**

The Secondary Tertiary Alignment Resource (STAR) helps students in Years 12 and 13 explore career pathways and make informed decisions about future work and study options.

COURSE FEES ARE PAID BY THE SCHOOL. However, if students fail to attend without just reason they will be billed for the full amount for the course.

- Students complete Unit Standard assessments that count towards NCEA Level 2 or above.
- Travel may be arranged by the school, but students should be willing to make their own way to course venues. Students may also have to pay part of the travel costs.
- Some courses run one day a week for a number of weeks during term time. Others run for several days during the holidays.
- By registering for a course, students are committing to attending every day the course runs.

A variety of courses are offered during the year. Here is a list of courses offered in previous years:

- Introduction to Acting
- Baking and Pastry for Cafes
- A Career in Nursing
- Flight Attending
- Tourism
- Taster Day – Health, Interior Design, Performing Arts, Landscaping, Engineering, Trades, Business
- First Aid
- Communication – Interview Techniques
- Forklift Truck Licence
- Auto Cad
- Creative Media
- Animal Technology
- Hair Dressing
- Make-up, Beauty
- Radio, Broadcasting

**2025 Courses will be advertised in the Student Notices and assemblies.**

**Come in and see what is on offer in the Careers Department**

# VOCATIONAL PATHWAYS

## BRIDGING THE GAP FROM LEARNING TO EARNING

As well to counting towards NCEA, many Level 2 and 3 credits also count towards one or more of the Vocational Pathways. Vocational Pathways awards highlight a student's learning, achievement and skills in relation to a particular group of industries or services. There are six Vocational Pathways:

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

### HOW TO USE THE VOCATIONAL PATHWAYS INFORMATION

#### I Don't Know What I want to do When I Leave School

If you don't know what you want to do when you leave school you can use the Vocational Pathways information to get an idea of which industries or sectors the courses you choose may be useful for.

#### I Know What I want to do When I Leave School

If you know what you want to do when you leave school you can use the Vocational Pathways information to help you choose courses that will help you follow your desired career path.

### VOCATIONAL PATHWAYS AWARDS

If you pass NCEA Level 2 and you have earned 60 Level 2 credits from the recommended list of standards for a particular pathway, including 20 from the list of sector-related standards, you will be awarded that Vocational Pathway on your Record of Achievement. For example you could receive the Primary Industries Vocational Pathway award or the Creative Industries Vocational Pathway award. This will tell employers and trainers that you already have a good foundation to start training in their particular industry.

### LEVEL 1 STANDARDS AND VOCATIONAL PATHWAYS

Although Level 1 credits do not count towards any of the Vocational Pathways Awards, there is a list of recommended standards. These standards are considered to develop the necessary knowledge and skills to get you started on your way towards achieving a particular Level 2 Vocational Pathway award.

### FOR MORE INFORMATION. . .

For more information go to [Vocational Pathways](#)



**Where to?** Find out where your school subjects could take you.

# Health and Physical Education

He oranga ngākau, he pikinga waiora.

Positive feelings in your heart will enhance your sense of self-worth.



## Levels 1–3 Certificates

Air Force Airman/Airwoman	Furniture Packer/Mover	Police Officer
Air Force Officer	Gardener	Professional Sportsperson
Aircraft Loader	person	Ranger
Army Officer	Health Care Assistant	Recreation Co-Ordinator
Army Soldier	Hunter/Trapper	Rubbish/Recycling Collector
Caretaker	Landscaper	Security Officer/Guard
Cleaner	Nanny/Child Carer	Sports Coach/Official
Clinical Coder	Navy Officer	Storeperson
Dancer	Navy Sailor	Teacher Aide
Dental Assistant	Outdoor Recreation Guide/Instructor	
Dispensing Optician	Parking Officer	
Diver	Phlebotomist	
Firefighter		

## Levels 4–6 Certificates and diplomas

Anaesthetic Technician	Floor Covering Installer	Roofer
Beauty Therapist	Health and Safety Adviser	Scaffolder
Biomedical Technician	Health Promoter	Sterilising Technician
Brick and Blocklayer	Joiner	Stonemason
Community Development Worker	Massage Therapist	Support Worker
Community Karitane	Medical Laboratory Technician	Youth Worker
Diversional Therapist	Personal Trainer/Fitness Instructor	
Emergency Management Officer	Pharmacy Technician	

## Levels 6–7 Diplomas and degrees

Acupuncturist	Naturopath	Secondary School Teacher
Biochemist	Occupational Therapist	Social Worker
Biomedical Engineer	Optometrist	Speech-Language Therapist
Chiropractor	Oral Health Therapist	
Counsellor	Paramedic	
Dental Technician	Pharmacist	
Environmental/Public Health Officer	Physiotherapist	
Kaiwhakaako Māori	Podiatrist	
Medical Imaging Technologist	Primary School Teacher	
Medical Laboratory Scientist	Psychotherapist	
Midwife	Radiation Therapist	
	Registered Nurse	

## Levels 8–10 Postgraduate qualifications

Anaesthetist	Gynaecologist/Obstetrician	Psychologist
Audiologist/Audiometrist	Health Services Manager	Radiation Oncologist
Clinical Physiologist	Medical Physicist	Surgeon
Dentist	Ophthalmologist	Tertiary Lecturer
Diagnostic Radiologist	Osteopath	
Dietitian	Pathologist	
Epidemiologist	Physician	
General Practitioner	Psychiatrist	

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**Where to?** Find out where your school subjects could take you.

# Processing and Construction

Pai tū, pai hinga, nā wai, nā oti.

One may work properly, another may act, yet the sum total is the completion of the work.



## Levels 1–3 Certificates

- |                                    |                                  |                              |
|------------------------------------|----------------------------------|------------------------------|
| Apparel Cutter                     | Food and Beverage Factory Worker | Pulp and Paper Mill Operator |
| Building and Construction Labourer | Forklift Operator                | Recycler/Dismantler          |
| Building Insulator                 | Furniture Finisher               | Sewing Machinist             |
| Chemical Production Operator       | Glass Processor                  | Textile Process Operator     |
| Concreter Worker                   | Industrial Spray Painter         | Tyre Technician              |
| Crane Operator                     | Lighting Technician              | Welder                       |
| Driller                            | Mail and Parcel Sorter           | Wood Processing Worker       |
| Earthmoving Machine Operator       | Meat/Seafood Process Worker      |                              |
| Energy and Chemical Plant Operator | Painter and Decorator            |                              |
|                                    | Plasterer                        |                              |
|                                    | Plastics Worker                  |                              |

## Levels 4–6 Certificates and diplomas

- |   |                                   |   |
|---|-----------------------------------|---|
| Aircraft Maintenance Engineer               | Fashion Designer                  | Printer                                   |
| Automotive Refinisher                       | Floor and Wall Tiler              | Production Manager                        |
| Automotive Technician                       | Floor Covering Installer          | Quantity Surveyor                         |
| Baker                                       | Graphic Pre-press Worker          | Refrigeration/Air-conditioning Technician |
| Biomedical Technician                       | Joiner                            | Roofer                                    |
| Butcher                                     | Lift Technician                   | Saw Doctor                                |
| Carpenter                                   | Line Mechanic                     | Scaffolder                                |
| Civil Engineering Technician/Draughtsperson | Marine Engineer                   | Science Technician                        |
| Coachbuilder/Trimmer                        | Mechanical Engineering Technician | Telecommunications Engineer               |
| Collision Repair Technician                 | Metal Worker                      | Telecommunications Technician             |
| Dairy Processing Operator                   | Patternmaker                      | Upholsterer                               |
| Electrical Engineering Technician           | Plastics Technician               | Water/Waste Water Treatment Operator      |
| Engineering Machinist                       | Plumber, Gasfitter and Drainlayer | Winemaker                                 |
| Fabrication Engineer                        | Print Finisher                    |   |

## Levels 6–7 Diplomas and degrees

- |                                   |                        |                              |
|-----------------------------------|------------------------|------------------------------|
| Aeronautical Engineer             | Building Surveyor      | Kaiwhakaako Māori            |
| Architectural Technician          | Business Analyst       | Mechanical Engineer          |
| Biochemist                        | Chemical Engineer      | Medical Laboratory Scientist |
| Biomedical Engineer               | Civil Engineer         | Mining Engineer              |
| Biotechnologist                   | Electrical Engineer    | Secondary School Teacher     |
| Boat Builder                      | Electronics Engineer   | Surveyor                     |
| Brewer                            | Environmental Engineer | Technical Writer             |
| Building and Construction Manager | Food Technologist      |                              |
| Building Contractor               | Industrial Designer    |                              |

## Levels 8–10 Postgraduate qualifications

- Architect
- Chemist
- Conservator
- Forensic Scientist
- Tertiary Lecturer

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Where to? Find out where your school subjects could take you.

# Mechanical Technologies

E tipu e rea.

Don't just grow but thrive!



## Levels 1–3 Certificates

Aircraft Loader	Pulp and Paper Mill Operator
Aircraft Refueller	Ranger
Caretaker	Recycler/Dismantler
Deckhand	Roading Construction Worker
Fencer	Roadmarker
Forestry and Logging Worker	Stevedore
Forklift Operator	Tow Truck Operator
Glass Processor	Train Driver
Glazier	Tyre Technician
Heavy Truck Driver	Welder
Industrial Spray Painter	Wood Processing Worker
Miner/Quarry Worker	

## Levels 4–6 Certificates and diplomas

Aircraft Maintenance Engineer	Engineering Machinist	Stonemason
Automotive Electrician	Fabrication Engineer	Survey Technician
Automotive Refinisher	Facilities Manager	Watchmaker and Repairer
Automotive Technician	Lift Technician	
Biomedical Technician	Line Mechanic	
Brick and Blocklayer	Locksmith	
Cabinet Maker	Marine Engineer	
Civil Engineering Technician/Draughtsperson	Mechanical Engineering Technician	
Coachbuilder/Trimmer	Metal Worker	
Collision Repair Technician	Mine/Quarry Manager	
Electrical Engineering Technician	Plastics Technician	
Electrician	Print Finisher	
Electronics Trades Worker	Printer	
	Refrigeration/Air-conditioning Technician	

## Levels 6–7 Diplomas and degrees

Aeronautical Engineer	Mechanical Engineer
Architectural Technician	Mining Engineer
Biomedical Engineer	Primary School Teacher
Boat Builder	Secondary School Teacher
Chemical Engineer	
Electrical Engineer	
Electronics Engineer	
Industrial Designer	
Kaiwhakaako Māori	

## Levels 8–10 Postgraduate qualifications

Curator	Naval Architect
Fire Engineer	Tertiary Lecturer

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**Tertiary Education  
Commission**  
Te Ahoarangi Mātauranga Matua



**MINISTRY OF EDUCATION**  
TE TĀHĪHU O TE MĀTAURANGA

**New Zealand Government**

**Where to?** Find out where your school subjects could take you.

# Design and Visual Communication

Mā ngā huruhuru ka rere te manu.

It is the feathers that enable the bird to fly.



## Levels 1–3 Certificates

Apparel Cutter	Tattoo Artist
Artist	Teacher Aide
Florist	Visual Merchandiser
Glass Processor	
Lighting Technician	
Make-up Artist	
Painter and Decorator	
Photographer	
Production Assistant (Film, Television, Radio or Stage)	

## Levels 4–6 Certificates and diplomas

Advertising Specialist	Game Developer
Animator/Digital Artist	Graphic Pre-press Worker
Beauty Therapist	Hairdresser/Barber
Biomedical Technician	Interior Designer
Cabinet Maker	Jeweller
Communications Professional	Marketing Specialist
Copywriter	Media Producer
Diversional Therapist	Metal Worker
Editor	Patternmaker
Electronics Trades Worker	Plumber, Gasfitter and Drainlayer
Engineering Machinist	Print Finisher
Exhibition and Collections Technician	Signmaker
Fashion Designer	Stonemason/Tailor/Dressmaker
Film and Video Editor	Upholsterer
Film/Television Camera Operator	User Experience Designer

## Levels 6–7 Diplomas and degrees

Architectural Technician	Geospatial Specialist	Surveyor
Art Director (Film, Television or Stage)	Graphic Designer	Technical Writer
Artistic Director	Industrial Designer	Valuer
Biomedical Engineer	Journalist	
Boat Builder	Kaiwhakaako Māori	
Building and Construction Manager	Landscape Architect	
Building Surveyor	Primary School Teacher	
Director (Film, Television, Radio or Stage)	Private Teacher/Tutor	
Early Childhood Teacher	Sales and Marketing Manager	
	Secondary School Teacher	

## Levels 8–10 Postgraduate qualifications

Architect	Naval Architect
Conservator	Tertiary Lecturer
Curator	

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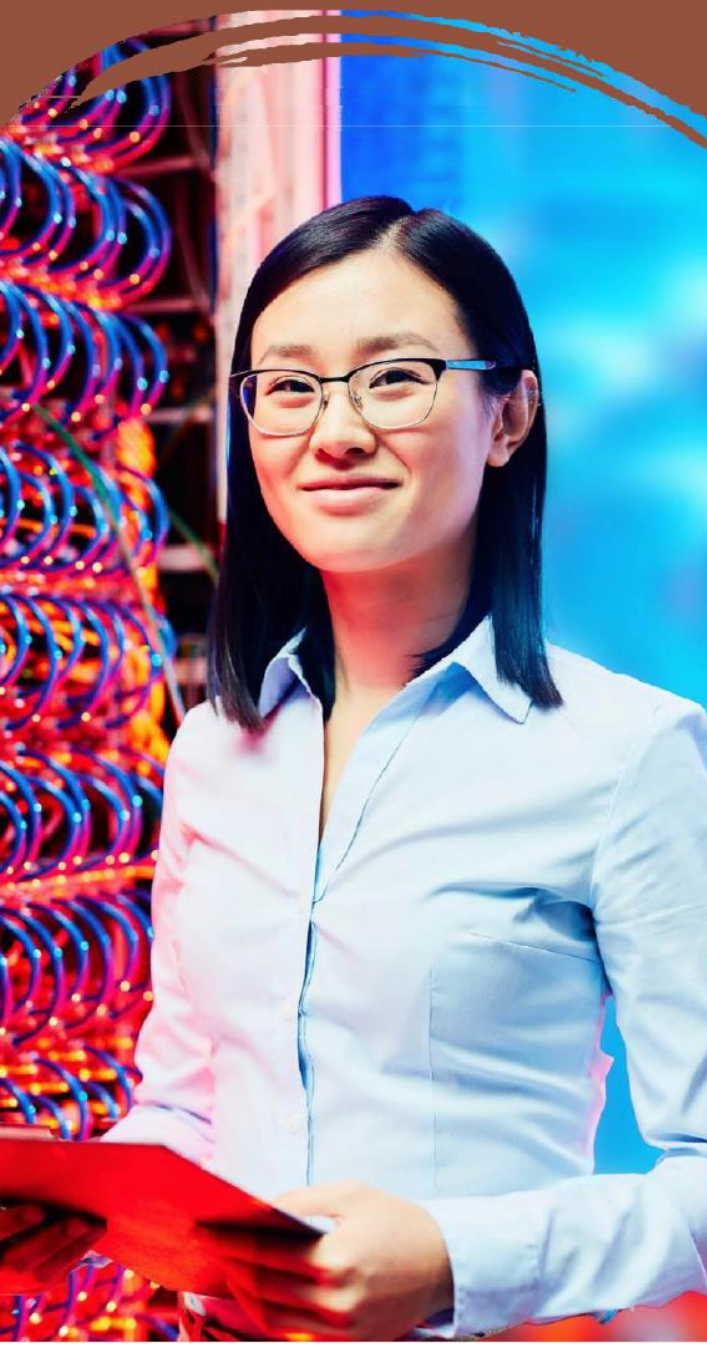


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**Where to?** Find out where your school subjects could take you.

# Digital Technologies

Ka pū te ruha, ka hao te rangatahi.  
As the old net withers another is remade.



## Levels 1–3 Certificates

Administration Officer	Energy and Chemical Plant Operator	Real Estate Agent
Air Force Airman/Airwoman	Library Assistant	Receptionist
Air Force Officer	Navy Officer	Survey Interviewer
Apparel Cutter	Navy Sailor	Telemarketer
Army Officer	Payroll Officer	
Army Soldier	Personal Assistant	
Bank Worker	Photographer	
Clinical Coder	Production Assistant (Film, Television, Radio or Stage)	
Contact Centre Worker	Pulp and Paper Mill Operator	
Data Entry Operator/Transcriptionist		

## Levels 4–6 Certificates and diplomas

Advertising Specialist	Helpdesk/Support Technician	Sound Technician
Animator/Digital Artist	Interior Designer	Survey Technician
Archivist	Joiner	Systems Administrator
Biomedical Technician	Librarian	Telecommunications Engineer
Civil Engineering Technician/Draughtsperson	Locksmith	Telecommunications Technician
Communications Professional	Marketing Specialist	Test Analyst
Copywriter	Media Producer	User Experience Designer
Dairy Farmer	Network Administrator	
Editor	Office Manager	
Electronics Trades Worker	Printer	
Film and Video Editor	Project Manager	
Film/Television Camera Operator	Quantity Surveyor	
Game Developer	Records Adviser	
Graphic Pre-press Worker	Refrigeration/Air-conditioning Technician	
Information Technology	Signmaker	
	Software Developer	

## Levels 6–7 Diplomas and degrees

Architectural Technician	Intelligence Officer	Security Consultant
Biomedical Engineer	Journalist	Statistician
Building Surveyor	Kaiwhakaako Māori	Surveyor
Business Analyst	Landscape Architect	Technical Writer
Civil Engineer	Market Research Analyst	Trainer
Data Analyst	Medical Imaging Technologist	
Electronics Engineer	Penetration Tester	
Geospatial Specialist	Primary School Teacher	
Graphic Designer	Private Teacher/Tutor	
Industrial Designer	Scrum Master	
Information Technology Architect	Secondary School Teacher	
Information Technology Manager	Security Analyst	

## Levels 8–10 Postgraduate qualifications

Architect	Tertiary Lecturer
Naval Architect	

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**Where to?** Find out where your school subjects could take you.



# Physics and Earth and Space Science

Whāia te iti kahurangi ki te tūohu koe me he maunga teitei.

Seek the treasure you value most dearly. If you bow your head, let it be to a lofty mountain.



## Levels 1–3 Certificates

Air Force Airman/Airwoman	Diver	Navy Sailor
Air Force Officer	Energy and Chemical Plant Operator	Phlebotomist
Army Officer	Industrial Spray Painter	
Army Soldier	Lighting Technician	
Dental Assistant	Navy Officer	
Dispensing Optician		

## Levels 4–6 Certificates and diplomas

Aeroplane Pilot	Information Technology Helpdesk/Support Technician	Science Technician
Aircraft Maintenance Engineer	Interior Designer	Ship's Master
Anaesthetic Technician	Lift Technician	Ship's Officer
Biomedical Technician	Marine Engineer	Software Developer
Civil Engineering Technician/Draughtsperson	Mechanical Engineering Technician	Sound Technician
Electrical Engineering Technician	Medical Laboratory Technician	Survey Technician
Electrician	Metal Worker	Systems Administrator
Electronics Trades Worker	Network Administrator	Telecommunications Engineer
Engineering Machinist	Plumber, Gasfitter and Drainlayer	Telecommunications Technician
Fabrication Engineer	Refrigeration/Air-conditioning Technician	Test Analyst
Film/Television Camera Operator	Saw Doctor	Watchmaker and Repairer
Game Developer		
Helicopter Pilot		

## Levels 6–7 Diplomas and degrees

Aeronautical Engineer	Electronics Engineer	Microbiologist
Agricultural/Horticultural Consultant	Energy/Carbon Auditor	Mining Engineer
Architectural Technician	Environmental Engineer	Optometrist
Biochemist	Environmental/Public Health Officer	Oral Health Therapist
Biomedical Engineer	Food Technologist	Pharmacist
Biotechnologist	Geospatial Specialist	Physiotherapist
Boat Builder	Kaiwhakaako Māori	Primary School Teacher
Building Surveyor	Landscape Architect	Radiation Therapist
Chemical Engineer	Mechanical Engineer	Registered Nurse
Chiropractor	Medical Imaging Technologist	Secondary School Teacher
Civil Engineer	Medical Laboratory Scientist	Surveyor
Dental Technician	Meteorologist	Veterinarian
Electrical Engineer		

## Levels 8–10 Postgraduate qualifications

Anaesthetist	Forestry Scientist	Osteopath
Architect	General Practitioner	Pathologist
Audiologist/Audiometrist	Geologist	Physician
Chemist	Geophysicist	Psychiatrist
Clinical Physiologist	Gynaecologist/Obstetrician	Radiation Oncologist
Dentist	Marine Biologist	Surgeon
Diagnostic Radiologist	Medical Physicist	Tertiary Lecturer
Environmental Scientist	Naval Architect	
Fire Engineer	Ophthalmologist	

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# Biology

Ko te tiaki i te ao me ngā taonga katoa hei oranga mō tātou, mō ngā uri whakatupu.

Presence and expression of the preservation, guardianship and enhancement of what you have for the future benefit of all.



## Levels 1–3 Certificates

Animal Care Attendant	Funeral Director/Embalmer	Phlebotomist
Beekeeper	Gardener	Professional Sportsperson
Clinical Coder	Health Care Assistant	Ranger
Dental Assistant	Horse Trainer	Sports Coach/Official
Dispensing Optician	Landscaper	
Dog Trainer	Nursery Grower/Worker	
Farm Worker	Pest Control Technician	
Fishery Officer	Pet Groomer	

## Levels 4–6 Certificates and diplomas

Agricultural/Horticultural Field Representative	Farmer/Farm Manager	Sterilising Technician
Anaesthetic Technician	Fishing Skipper	Support Worker
Animator/Digital Artist	Health Promoter	Veterinary Nurse
Aquaculture Farmer	Massage Therapist	Viticulturnist
Arborist	Medical Laboratory Technician	Water/Waste Water Treatment Operator
Beauty Therapist	Orchard Farmer/Manager	Zookeeper
Biomedical Technician	Personal Trainer/Fitness Instructor	
Butcher	Pharmacy Technician	
Community Karitane	Quarantine Officer	
Crop Farmer/Manager	Science Technician	
Dairy Farmer		

## Levels 6–7 Diplomas and degrees

Acupuncturist	Kaiwhakaako Māori	Radiation Therapist
Agricultural/Horticultural Consultant	Medical Imaging Technologist	Registered Nurse
Biochemist	Medical Laboratory Scientist	Secondary School Teacher
Biomedical Engineer	Microbiologist	Speech-Language Therapist
Biosecurity Officer	Midwife	Urban/Regional Planner
Biotechnologist	Naturopath	Veterinarian
Brewer	Occupational Therapist	Zoologist
Chiropractor	Optometrist	
Dental Technician	Oral Health Therapist	
Environmental/Public Health Officer	Paramedic	
Food Technologist	Pharmacist	
Forest Manager	Physiotherapist	
	Podiatrist	

## Levels 8–10 Postgraduate qualifications

Agricultural/Horticultural Scientist	Epidemiologist	Pathologist
Anaesthetist	Forensic Scientist	Physician
Audiologist/Audiometrist	Forestry Scientist	Psychiatrist
Chemist	General Practitioner	Radiation Oncologist
Clinical Physiologist	Geophysicist	Surgeon
Dentist	Gynaecologist/Obstetrician	Tertiary Lecturer
Diagnostic Radiologist	Marine Biologist	
Dietitian	Medical Physicist	
Environmental Scientist	Ophthalmologist	
	Osteopath	

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**Where to?** Find out where your school subjects could take you.

# Chemistry

He iti te mokoroa nāna te kahikatea i kakati.

Even the small can make a big impact on the big.



## Levels 1–3 Certificates

Chemical Production Operator	Pest Control Technician
Clinical Coder	Phlebotomist
Dental Assistant	Plastics Worker
Energy and Chemical Plant Operator	Pulp and Paper Mill Operator
Firefighter	
Funeral Director/Embalmer	

## Levels 4–6 Certificates and diplomas

Anaesthetic Technician	Metal Worker	Veterinary Nurse
Community Karitane	Orchard Farmer/Manager	Viticultivist
Crop Farmer/Manager	Pharmacy Technician	Water/Waste Water Treatment Operator
Dairy Processing Operator	Plastics Technician	Winemaker
Electronics Trades Worker	Production Manager	
Energy/Carbon Auditor	Refrigeration/Air-conditioning Technician	
Health Promoter	Science Technician	
Massage Therapist	Telecommunications Engineer	
Medical Laboratory Technician		

## Levels 6–7 Diplomas and degrees

Acupuncturist	Food Technologist	Primary School Teacher
Aeronautical Engineer	Kaiwhakaako Māori	Registered Nurse
Agricultural/Horticultural Consultant	Medical Laboratory Scientist	Secondary School Teacher
Biochemist	Meteorologist	Speech-Language Therapist
Biomedical Engineer	Microbiologist	Veterinarian
Biosecurity Officer	Midwife	Zoologist
Biotechnologist	Mining Engineer	
Brewer	Naturopath	
Chemical Engineer	Occupational Therapist	
Chiropractor	Optometrist	
Civil Engineer	Oral Health Therapist	
Dental Technician	Paramedic	
Environmental Engineer	Pharmacist	
Environmental/Public Health Officer	Physiotherapist	
	Podiatrist	

## Levels 8–10 Postgraduate qualifications

Agricultural/Horticultural Scientist	Epidemiologist	Ophthalmologist
Anaesthetist	Forensic Scientist	Osteopath
Chemist	Forestry Scientist	Pathologist
Clinical Physiologist	General Practitioner	Physician
Conservator	Geologist	Psychiatrist
Dentist	Geophysicist	Radiation Oncologist
Diagnostic Radiologist	Gynaecologist/Obstetrician	Surgeon
Dietitian	Marine Biologist	Tertiary Lecturer
Environmental Scientist	Medical Physicist	

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**Where to?** Find out where your school subjects could take you.



# Agriculture and Horticulture

He panehe toki ka tū te tangitangi kai.  
A little axe well-used brings heaps of food.



## Levels 1–3 Certificates

Animal Care Attendant	Groundsperson
Beekeeper	Horse Trainer
Caretaker	Hunter/Trapper
Crop Worker	Landscaper
Dairy Farm Assistant	Meat/Seafood Process Worker
Deckhand	Nursery Grower/Worker
Diver	Packhouse Worker
Dog Trainer	Pest Control Technician
Farm Worker	Pet Groomer
Fencer	Pulp and Paper Mill Operator
Fishery Officer	Ranger
Florist	Shearer
Forestry and Logging Worker	Wood Processing Worker
Gardener	

## Levels 4–6 Certificates and diplomas

Aeroplane Pilot	Helicopter Pilot
Agricultural/Horticultural Field Representative	Importer/Exporter
Aquaculture Farmer	Orchard Farmer/Manager
Arborist	Quarantine Officer
Auctioneer	Saw Doctor
Crop Farmer/Manager	Science Technician
Dairy Farmer	Sharemilker
Dairy Farm Manager	Veterinary Nurse
Dairy Herd Manager	Viticulturist
Dairy Processing Operator	Winemaker
Farmer/Farm Manager	Wool Classer
Fishing Skipper	

## Levels 6–7 Diplomas and degrees

Agricultural/Horticultural Consultant	Secondary School Teacher
Biochemist	Valuer
Biosecurity Officer	Veterinarian
Biotechnologist	Zoologist
Environmental Engineer	
Food Technologist	
Forest Manager	
Kaiwhakaako Māori	
Landscape Architect	
Microbiologist	

## Levels 8–10 Postgraduate qualifications

Agricultural/Horticultural Scientist	Marine Biologist
Environmental Scientist	Tertiary Lecturer
Forestry Scientist	
Geologist	
Geophysicist	

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**Where to?** Find out where your school subjects could take you.

# Accounting, Business Studies and Economics

He rei ngā niho, he paraoa ngā kauae.

A whale's tooth in a whale's jaw.  
One must have the right qualifications  
for big enterprises.



## Levels 1–3 Certificates

Accounts Officer	Florist
Administration Officer	Motor Vehicle Salesperson
Bank Worker	Payroll Officer
Contact Centre Worker	Personal Assistant
Customs Broker/Freight Forwarder	Real Estate Agent
Data Entry Operator/Transcriptionist	Receptionist
Debt Collector	Recreation Co-ordinator
Delivery Driver	Retail Sales Assistant
Elected Government Representative	Sales Representative
	Visual Merchandiser

## Levels 4–6 Certificates and diplomas

Advertising Specialist	Financial Adviser	Purchasing/Supply Officer
Agricultural/Horticultural Field Representative	Hotel/Motel Manager	Quantity Surveyor
Auctioneer	Human Resources Adviser	Records Adviser
Buyer	Importer/Exporter	Recruitment Consultant
Cafe/Restaurant Manager	Insurance Adviser	Retail Manager
Communications Professional	Insurance Claims Officer	Viticulturist
Crop Farmer/Manager	Insurance Loss Adjuster	
Dairy Farm Manager	Marketing Specialist	
Dairy Herd Manager	Mortgage Broker	
Energy/Carbon Auditor	Office Manager	
Event Manager	Orchard Farmer/Manager	
Facilities Manager	Production Manager	
Farmer/Farm Manager	Project Manager	
	Property Manager	

## Levels 6–7 Diplomas and degrees

Accountant	Market Research Analyst
Agricultural/Horticultural Consultant	Policy Analyst
Auditor	Sales and Marketing Manager
Building Contractor	Secondary School Teacher
Business Analyst	Statistician
Forest Manager	Trainer
Kaiwhakaako Māori	Urban/Regional Planner
Management Consultant	Valuer
Managing Director/Chief Executive	Workplace Relations Adviser

## Levels 8–10 Postgraduate qualifications

Actuary  
Economist  
Finance Manager  
Foreign Policy Officer  
Health Services Manager  
Tertiary Lecturer

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**Where to?** Find out where your school subjects could take you.

# History, Classical Studies and Religious Studies

Tangata ako ana i te whare, te tūranga  
ki te marae, tau ana.

A person who is taught at home,  
will stand collected on the marae.



## Levels 1–3 Certificates

Actor	Library Assistant
Administration Officer	Minister of Religion
Case Manager	Production Assistant (Film, Television, Radio and Stage)
Court Registry Officer	Radio Presenter
Data Entry Operator/ Transcriptionist	Survey Interviewer
Elected Government Representative	Teacher Aide
Entertainer	Television Presenter
Immigration Officer	Tour Guide

## Levels 4–6 Certificates and diplomas

Advertising Specialist	Librarian
Aeroplane Pilot	Media Producer
Anaesthetic Technician	Records Adviser
Archivist	Translator
Communications Professional	
Community Development Worker	
Copywriter	
Editor	
Emergency Management Officer	
Legal Executive	

## Levels 6–7 Diplomas and degrees

Artistic Director	Radiation Therapist
Barister	Secondary School Teacher
Career Consultant	Social Worker
Counsellor	Solicitor
Director (Film, Television, Radio or Stage)	Speech-Language Therapist
Intelligence Officer	Teacher of English to Speakers of Other Languages (ESOL)
Interpreter	Technical Writer
Journalist	Workplace Relations Adviser
Kaiwhakaako Māori	
Landscape Architect	
Market Research Analyst	
Policy Analyst	
Primary School Teacher	
Private Teacher/Tutor	

## Levels 8–10 Postgraduate qualifications

Architect	Historian
Conservator	Judge
Curator	Tertiary Lecturer
Economist	
Foreign Policy Officer	

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**Where to?** Find out where your school subjects could take you.

# Social Sciences

Mā whero, mā pango ka oti ai te mahi.  
With your food basket and my food basket the people will thrive.

## Levels 1–3 Certificates

Actor	Immigration Officer	Tour Guide
Air Force Airman/Airwoman	Library Assistant	Travel Agent/Adviser
Air Force Officer	Musician	
Army Officer	Navy Officer	
Army Soldier	Navy Sailor	
Case Manager	Outdoor Recreation Guide/ Instructor	
Corrections Officer	Police Officer	
Courier/Delivery Agent	Probation Officer	
Court Registry Officer	Production Assistant (Film, Television, Radio or Stage)	
Elected Government Representative	Radio Presenter	
Entertainer	Ranger	
Flight Attendant	Television Presenter	
Funeral Director/Embalmer		

## Levels 4–6 Certificates and diplomas

Advertising Specialist	Film/Television Camera Operator	Ship's Officer
Aeroplane Pilot	Fishing Skipper	Sound Technician
Archivist	Health Promoter	Support Worker
Communications Professional	Helicopter Pilot	Survey Technician
Community Development Worker	Importer/Exporter Librarian	Translator
Copywriter	Marketing Specialist	Youth Worker
Editor	Media Producer	
Emergency Management Officer	Records Adviser	
Film and Video Editor	Ship's Master	

## Levels 6–7 Diplomas and degrees

Art Director (Film, Television or Stage)	Kaiwhakaako Māori	Social Worker
Artistic Director	Landscape Architect	Solicitor
Barister	Meteorologist	Surveyor
Career Consultant	Mining Engineer	Teacher of English to Speakers of Other Languages (ESOL)
Counsellor	Paramedic	Technical writer
Director (Film, Television, Radio or Stage)	Policy Analyst	Trainer
Early Childhood Teacher	Primary School Teacher	Urban/Regional Planner
Environmental Engineer	Private Teacher/Tutor	Zoologist
Geospatial Specialist	Psychotherapist	
Intelligence Officer	Radiation Therapist	
Interpreter	Sales and Marketing Manager	
Journalist	Secondary School Teacher	

## Levels 8–10 Postgraduate qualifications

Architect	Geophysicist
Economist	Historian
Environmental Scientist	Judge
Epidemiologist	Psychologist
Geologist	Tertiary Lecturer

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# English

Ko te reo te tuakiri  
Ko te reo tōku ahurei  
Ko te reo te ora.

Language is my identity  
Language is my uniqueness  
Language is life.



## Levels 1–3 Certificates

Actor	Flight Attendant	Production Assistant (Film, Television, Radio or Stage)
Administration Officer	Health and Safety Inspector	Radio Presenter
Author	Immigration Officer	Recreation Co-ordinator
Case Manager	Library Assistant	Survey Interviewer
Clinical Coder	Mail and Parcel Sorter	Teacher Aide
Court Registry Officer	Personal Assistant	Television Presenter
Elected Government Representative	Police Officer	
Fishery Officer	Probation Officer	

## Levels 4–6 Certificates and diplomas

Advertising Specialist	Film/Television Camera Operator	Office Manager
Aeroplane Pilot	Financial Adviser	Production Manager
Agricultural/Horticultural Field Representative	Graphic Pre-press Worker	Project Manager
Air Traffic Controller	Health Promoter	Property Manager
Aircraft Maintenance Engineer	Helicopter Pilot	Records Adviser
Archivist	Human Resources Adviser	Recruitment Consultant
Communications Professional	Importer/Exporter	Signmaker
Copywriter	Insurance Claims Officer	Software Developer
Editor	Insurance Loss Adjuster	Telecommunications Engineer
Emergency Management Officer	Legal Executive	Test Analyst
Event Manager	Librarian	Translator
Film and Video Editor	Marketing Specialist	Youth Worker
	Media Producer	
	Network Administrator	

## Levels 6–7 Diplomas and degrees

Artistic Director	Meteorologist	Solicitor
Barister	Naturopath	Speech-Language Therapist
Building Surveyor	Occupational Therapist	Statistician
Civil Engineer	Policy Analyst	Teacher of English to Speakers of Other Languages (ESOL)
Director (Film, Television, Radio or Stage)	Primary School Teacher	Technical Writer
Environmental Engineer	Private Teacher/Tutor	Trainer
Intelligence Officer	Radiation Therapist	Urban/Regional Planner
Interpreter	Registered Nurse	Valuer
Journalist	Sales and Marketing Manager	Workplace Relations Adviser
Kaiwhakaako Māori	Secondary School Teacher	Zoologist
Market Research Analyst	Social Worker	

## Levels 8–10 Postgraduate qualifications

Actuary	Economist	Judge
Agricultural/Horticultural Scientist	Finance Manager	Marine Biologist
Chemist	Foreign Policy Officer	Naval Architect
Conservator	Geologist	Psychologist
Curator	Geophysicist	Radiation Oncologist
Dietitian	Gynaecologist/Obstetrician	Tertiary Lecturer
	Historian	

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# Te Reo Māori

Ko tōku nui, tōku wehi, tōku whakatiketike, tōku reo.

My language is my greatness, my inspiration, that which I hold precious.



## Levels 1–3 Certificates

- |                                   |                                     |   |
|-----------------------------------|-------------------------------------|---|
| Actor                             | Fishery Officer                     | Production Assistant (Film, Television, Radio or Stage) |
| Artist                            | Flight Attendant                    | Professional Sportsperson                               |
| Author                            | Funeral Director/Embalmer           | Radio Presenter   |
| Bus Driver                        | Library Assistant                   | Ranger  |
| Case Manager                      | Minister of Religion                | Recreation Co-ordinator                                 |
| Corrections Officer               | Musician                            | Survey Interviewer                                      |
| Court Registry Officer            | Nanny/Child Carer                   | Tattoo Artist   |
| Customs Officer                   | Outdoor Recreation Guide/Instructor | Teacher Aide  |
| Dancer                            | Phlebotomist                        | Television Presenter                                    |
| Elected Government Representative | Police Officer                      | Tour Guide  |
| Entertainer                       | Probation Officer                   | Travel Agent/Adviser                                    |
| Firefighter                       |                                     |   |

## Levels 4–6 Certificates and diplomas

- |                              |                         |                                     |
|------------------------------|-------------------------|-------------------------------------|
| Advertising Specialist       | Diversional Therapist   | Marketing Specialist                |
| Anaesthetic Technician       | Editor                  | Media Producer                      |
| Animator/Digital Artist      | Fashion Designer        | Medical Laboratory Technician       |
| Archivist                    | Film and Video Editor   | Personal Trainer/Fitness Instructor |
| Communications Professional  | Health Promoter         | Pharmacy Technician                 |
| Community Development Worker | Hotel/Motel Manager     | Recruitment Consultant              |
| Community Karitane           | Human Resources Adviser | Translator                          |
| Copywriter                   | Legal Executive         | Youth Worker                        |
|                              | Librarian               |                                     |

## Levels 6–7 Diplomas and degrees

- |   |                                   |                             |
|---|-----------------------------------|-----------------------------|
| Art Director (Film, Television or Stage)    | Kaiwhakaako Māori                 | Registered Nurse            |
| Artistic Director                           | Managing Director/Chief Executive | Sales and Marketing Manager |
| Barmist                                     | Market Research Analyst           | Secondary School Teacher    |
| Career Consultant                           | Midwife                           | Social Worker               |
| Chiropractor                                | Naturopath                        | Solicitor                   |
| Counsellor                                  | Occupational Therapist            | Speech-Language Therapist   |
| Director (Film, Television, Radio or Stage) | Paramedic                         | Statistician                |
| Early Childhood Teacher                     | Pharmacist                        | Surveyor                    |
| Environmental Engineer                      | Physiotherapist                   | Technical Writer            |
| Environmental/Public Health Officer         | Policy Analyst                    | Trainer                     |
| Graphic Designer                            | Primary School Teacher            | Urban/Regional Planner      |
| Interpreter                                 | Private Teacher/Tutor             | Workplace Relations Adviser |
| Journalist                                  | Psychotherapist                   |                             |
|   | Radiation Therapist               |                             |

## Levels 8–10 Postgraduate qualifications

- |                          |                            |                      |
|--------------------------|----------------------------|----------------------|
| Anaesthetist             | Foreign Policy Officer     | Physician            |
| Audiologist/Audiometrist | General Practitioner       | Psychiatrist         |
| Clinical Physiologist    | Geologist                  | Psychologist         |
| Conservator              | Gynaecologist/Obstetrician | Radiation Oncologist |
| Curator                  | Health Services Manager    | Surgeon              |
| Diagnostic Radiologist   | Historian                  | Tertiary Lecturer    |
| Dietitian                | Judge                      |                      |
| Environmental Scientist  | Marine Biologist           |                      |

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# Languages

Ko tōu reo, ko tōku reo, te tuakiri tangata. Tīhei uriuri, tīhei nakonako.

Your language and my language are expressions of identity. May our descendants live on and our hopes be fulfilled.

## Levels 1–3 Certificates

Actor	Flight Attendant	Radio Presenter
Airforce Officer	Health Care Assistant	Recreation Co-ordinator
Army Officer	Holiday Park Manager	Sports Coach/Official
Author	Hotel Porter	Survey Interviewer
Bus Driver	Immigration Officer	Table Games Dealer
Case Manager	Library Assistant	Teacher Aide
Contact Centre Worker	Maitre d'Hotel	Television Presenter
Corrections Officer	Minister of Religion	Tour Guide
Customs Broker/Freight Forwarder	Musician	Travel Agent/Adviser
Customs Officer	Nanny/Child Carer	Tattoo Artist
Transcriptionist	Navy Officer	
Elected Government Representative	Outdoor Recreation Guide/Instructor	
Entertainer	Police Officer	
Fishery Officer	Professional Sportsperson	

## Levels 4–6 Certificates and diplomas

Archivist	Editor	Quarantine Officer
Community Development Worker	Game Developer	Software Developer
Communications Professional	Health Promote	Youth Worker
Community Karitane	Hotel/Motel Manager	Viticulturalist
Diversional Therapist	Importer/Exporter Librarian	Winemaker
	Media Producer	

## Levels 6–7 Diplomas and degrees

Acupuncturist	Occupational Therapist	Languages (ESOL)
Business Analyst	Paramedic	Technical Writer
Career Consultant	Policy Analyst	Trainer
Counsellor	Primary School Teacher	Translator
Early Childhood Teacher	Private Teacher/Tutor	Workplace Relations Adviser
Intelligence Officer	Radiation Therapist	
Interpreter	Registered Nurse	
Journalist	Secondary School Teacher	
Kaiwhakaako Māori	Social Worker	
Linguist	Speech-Language Therapist	
Midwife	Teacher of English to Speakers of Other	

## Levels 8–10 Postgraduate qualifications

Audiologist/Audiometrist	Historian
Conservator	Judge
Curator	Physician
Dietitian	Psychiatrist
Diplomat/Foreign Policy Officer	Psychologist
General Practitioner	Tertiary Lecturer
Gynaecologist/Obstetrician	
Health Services Manager	

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**Where to?** Find out where your school subjects could take you.

# Dance, Drama, Music and Te Ao Haka

Te toi whakairo, ka ihiihi, ka wehiwehi,  
ka aweawe te ao katoa.

Artistic excellence makes the world sit  
up in wonder.



## Levels 1–3 Certificates

Actor	Outdoor Recreation Guide/Instructor
Dancer	Production Assistant (Film, Television, Radio or Stage)
Demonstrator	Professional Sportsperson
Elected Government Representative	Radio Presenter
Entertainer	Recreation Co-ordinator
Firefighter	Sales Representative
Flight Attendant	Sewing Machinist
Library Assistant	Survey Interviewer
Maître d'Hotel	Teacher Aide
Minister of Religion	Television Presenter
Model	Tour Guide
Musician	
Nanny/Child Carer	

## Levels 4–6 Certificates and diplomas

Auctioneer	Media Producer
Beauty Therapist	Personal Trainer/Fitness Instructor
Community Development Worker	Sound Technician
Copywriter	Youth Worker
Diversional Therapist	Zookeeper
Editor	
Event Manager	
Film and Video Editor	
Film/Television Camera Operator	
Librarian	
Massage Therapist	

## Levels 6–7 Diplomas and degrees

Art Director (Film, Television, Radio or Stage)	Managing Director/Chief Executive	Teacher of English to Speakers of Other Languages (ESOL)
Artistic Director	Planner	Trainer
Barrister	Policy Analyst	Urban/Regional Planner
Business Analyst	Primary School Teacher	
Career Consultant	Private Teacher/Tutor	
Counsellor	Psychotherapist	
Director (Film, Television, Radio or Stage)	Sales and Marketing Manager	
Early Childhood Teacher	Secondary School Teacher	
Kaiwhakaako Māori	Social Worker	
Journalist	Speech-Language Therapist	

## Levels 8–10 Postgraduate qualifications

Curator	General Practitioner	Psychiatrist
Dietitian	Historian	Psychologist
Foreign Policy Officer	Judge	Tertiary Lecturer

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Where to? Find out where your school subjects could take you.

# Visual Arts and Art History

Whiria te tangata, whiria ngā toi,  
whiria ngā hāpori.

Weave the people, weave the arts,  
weave the community.



## Levels 1–3 Certificates

Apparel Cutter	Lighting Technician	Survey Interviewer
Artist	Make-up Artist	Tattoo Artist
Elected Government Representative	Painter and Decorator	Teacher Aide
Florist	Photographer	Tour Guide
Glass Processor	Production Assistant (Film, Television, Radio or Stage)	Visual Merchandiser
Library Assistant	Radio Presenter	

## Levels 4–6 Certificates and diplomas

Advertising Specialist	Garment Technician
Animator/Digital Artist	Graphic Pre-press Worker
Archivist	Hairdresser/Barber
Beauty Therapist	Interior Designer
Cabinet Maker	Jeweller
Community Development Worker	Librarian
Diversional Therapist	Media Producer
Event Manager	Patternmaker
Exhibition and Collections Technician	Print Finisher
Editor	Signmaker
Fashion Designer	Tailor/Dressmaker
Film and Video Editor	Upholsterer
Game Developer	User Experience Designer
	Youth Worker

## Levels 6–7 Diplomas and degrees

Architectural Technician	Landscape Architect
Art Director (Film, Television or Stage)	Managing Director/Chief Executive
Artistic Director	Policy Analyst
Barrister	Primary School Teacher
Graphic Designer	Private Teacher/Tutor
Industrial Designer	Secondary School Teacher
Journalist	Social Worker
Kaiwhakaako Māori	Valuer

## Levels 8–10 Postgraduate qualifications

Architect	Historian
Conservator	Judge
Curator	Tertiary Lecturer

 To find out more, go to:



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**Where to?** Find out where your school subjects could take you.

# Mathematics and Statistics

Kei hopu tōu ringa ki te aka tāepa,  
engari kia mau ki te aka matua.

Cling to the main vine, not the loose one.

## Levels 1–3 Certificates

Accounts Officer	Chemical Production Operator	Glazier
Administration Officer	Customs Broker/Freight Forwarder	Payroll Officer
Apparel Cutter	Dairy Farm Assistant	Phlebotomist
Bank Worker	Debt Collector	Police Officer
Barter	Energy and Chemical Plant Operator	Table Games Dealer
Building Insulator		Welder
Cafe Worker		

## Levels 4–6 Certificates and diplomas

Aeroplane Pilot	Fabrication Engineer	Purchasing/Supply Officer
Aircraft Maintenance Engineer	Financial Adviser	Quantity Surveyor
Automotive Electrician	Floor and Wall Tiler	Refrigeration/Air-conditioning Technician
Brick and Blocklayer	Floor Covering Installer	Retail Manager
Cafe/Restaurant Manager	Helicopter Pilot	Scaffolder
Carpenter	Insurance Adviser	Sharemilker
Civil Engineering Technician/Draughtsperson	Joiner	Stonemason
Dairy Herd Manager	Marine Engineer	Survey Technician
Electrical Engineering Technician	Mechanical Engineering Technician	Telecommunications Engineer
Electrician	Mortgage Broker	Viticulturist
Energy/Carbon Auditor	Orchard Farmer/Manager	Water/Waste Water Treatment Operator
Engineering Machinist	Patternmaker	
	Pharmacy Technician	

## Levels 6–7 Diplomas and degrees

Accountant	Civil Engineer	Mining Engineer
Aeronautical Engineer	Data Analyst	Pharmacist
Architectural Technician	Electrical Engineer	Private Teacher/Tutor
Auditor	Electronics Engineer	Radiation Therapist
Biochemist	Food Technologist	Sales and Marketing Manager
Biomedical Engineer	Geospatial Specialist	Secondary School Teacher
Boat Builder	Kaiwhakaako Māori	Statistician
Building and Construction Manager	Market Research Analyst	Surveyor
Building Contractor	Mechanical Engineer	Valuer
Building Surveyor	Medical Laboratory Scientist	
Chemical Engineer	Meteorologist	
	Microbiologist	

## Levels 8–10 Postgraduate qualifications

Actuary	Forensic Scientist	Naval Architect
Architect	Forestry Scientist	Ophthalmologist
Audiologist/Audiometrist	General Practitioner	Osteopath
Chemist	Geologist	Pathologist
Dentist	Geophysicist	Physician
Diagnostic Radiologist	Gynaecologist/Obstetrician	Psychiatrist
Economist	Health Services Manager	Radiation Oncologist
Epidemiologist	Marine Biologist	Surgeon
Finance Manager	Mathematician	Tertiary Lecturer
Fire Engineer	Medical Physicist	

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## Subject: **BIOLOGY - L3BIO**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **18**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

It is recommended that you have taken Level 1 Science Advanced and Level 2 Biology.

### **What Will You be Studying?**

- How plants and animals respond to changes in their external environment (behaviour)
- How humans maintain a stable blood sugar levels (homeostasis)
- Developing an informed opinion about a socio-scientific issue
- How evolutionary processes have led to human biological and cultural development
- The implications of selective breeding and genetic engineering

### **How Much Does the Course Cost?**

- Proposed trip to Auckland Zoo – cost to be confirmed (optional but recommended)

### **What Further Study Does This Subject Leads On To?**

- University BA or BSc courses, Health Science and Veterinary Science courses

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	12
Service Industries	0
Social & Community Services	3
Creative Industries	0

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91603	External	5	Yes	No	R & W
91604	Internal	3	Yes	No	R
91062	Internal	3	Yes	No	R & W
91606	External	4	Yes	No	R & W
91067	Internal	3	Yes	No	R

## Subject: **BUILDING AND CONSTRUCTION - L3BLC**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **22**

Is This Subject Approved for University Entrance (UEAS): **No**

Can I Gain a Course Endorsement in this Subject: **No**

### **Recommended Prior Learning:**

- It is recommended that you have completed Level 2 Materials Technology

### **What Will You be Studying?**

- Understanding building plans
- Timber frame construction
- Use of woodworking machinery
- Use and care of hand tools
- Team work to build a small building project, shed/sleep out

### **How Much Does the Course Cost?**

- This course is STAR funded – there is no cost to students.
- Appropriate strong, closed-toe footwear suitable for a workshop environment

### **What Further Study Does This Subject Leads On To?**

- Direct entry to BCITO apprenticeship

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	0
Service Industries	0
Social & Community Services	0
Creative Industries	0

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
29684	Internal	12	No	No	-
29677	Internal	2	No	No	-
29678	Internal	4	No	No	-
29682	Internal	4	No	No	-

Subject: **BUSINESS STUDIES – L3BUS**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **19**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

**Recommended Prior Learning:**

- Successful completion of Level 2 Business

**What Will You be Studying?**

- Developing a marketing plan for a new or existing product
- Carrying out an innovative and sustainable business activity
- How internal factors interact within a business that operates in a global context

**How Much Does the Course Cost?**

- This course works alongside the Young Enterprise Scheme (YES) which requires a \$50 fee which covers mentoring and support throughout the year. Students will also need to fundraise and fund the starting of their own businesses.

**What Further Study Does This Subject Lead Onto?**

- Business and commerce at tertiary level, as well as providing a platform for work in any business-related field

**Which Vocational Pathways Does This Course Contribute To?**

Vocational Pathway	Credits Available
Construction & Infrastructure	0
Manufacturing & Technology	9
Primary Industries	19
Service Industries	19
Social & Community Services	0
Creative Industries	15

**NCEA Assessment Details**

Standard Number	Internal/ External	Credit Value	NCEA Literacy	NCEA Numeracy	U.E. Reading (R) and/or Writing (W)
91382	Internal	6	Yes	No	R
91384	Internal	9	Yes	No	R
91379	External	4	Yes	No	R, W

## Subject: **CALCULUS – L3CAL**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **23**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

- Successful completion of Level 2 Mathematics including Algebra.

### **What Will You be Studying?**

- Conic sections – work with their equations, graphs and properties
- Trigonometry – expressions and equations
- Complex numbers – manipulate and use complex numbers
- Differentiation – choose and apply a variety of techniques
- Integration – apply a variety of integration and anti-differentiation techniques
- Systems of Equations – solving 3 by 3 systems of simultaneous equations

### **How Much Does the Course Cost?**

- Graphics calculator to be purchased with stationery – cost varies

### **What Further Study Does This Subject Leads On To?**

- Most tertiary study, in particular, engineering

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	24
Manufacturing & Technology	22
Primary Industries	17
Service Industries	0
Social & Community Services	8
Creative Industries	3

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91573	Internal	3	No	Yes	-
91575	Internal	4	No	Yes	-
91587	Internal	3	No	Yes	-
At least one of the following external standards:					
91577	External	5	No	Yes	-
91578	External	6	No	Yes	-
91579	External	6	No	Yes	-

## Subject: **CHEMISTRY - L3CHE**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **23**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

- It is recommended that you have taken both Level 1 Chemistry & Biology and Level 2 Chemistry.

### **What Will You be Studying?**

- Spectroscopic data and using it to identify organic chemicals
- Quantitative determination of amount of substance in a sample
- How particles are attracted to each other and form different shapes
- Further investigations into organic chemistry and groups of organic molecules
- Investigating aspects of chemical reactions occurring with the transfer of electrons

### **How Much Does the Course Cost?**

- There are no course fees

### **What Further Study Does This Subject Leads On To?**

- University B.A. and B.Sc courses in chemistry and related fields.

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	20
Manufacturing & Technology	20
Primary Industries	20
Service Industries	5
Social & Community Services	20
Creative Industries	0

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91387	Internal	4	No	No	-
91388	Internal	3	Yes	No	R & W
91390	External	5	Yes	No	-
91391	External	5	Yes	No	-
91393	Internal	3	Yes	No	-

Subject: **DESIGN - L3ADE**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **22**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

**Recommended Prior Learning:**

- It is recommended that you have taken a senior Art Subject or have had a conversation with the Head of Art before selecting print making (If you have never taken senior Art before).

**What Will You be Studying?**

- How to demonstrate an understanding of methods and ideas from established practice appropriate to design.
- How to use drawing methods to apply knowledge of conventions appropriate to design.
- How to develop ideas in a related series of drawings appropriate to established design.
- How to produce a systematic body of work that shows understanding of art making conventions and ideas within design.
- Extending knowledge and skills of Adobe Creative Cloud.

**Stationery required for the course**

- \$50 - this covers all materials and a year licence for Adobe Creative Cloud. This also covers the cost of the NCEA folio board and printing costs.
- Students will need their own USB memory stick (At least 16g)
- We also offer a optional trip for year 13s to attend to the gallery – this is optional but will help students to look at established Art practices (Cost depends on the number of students attending).

**What Further Study Does This Subject Lead To?**

- A range of university and tertiary courses.

**Which Vocational Pathways Does This Course Contribute To?**

Vocational Pathway	Credits Available
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	0
Service Industries	0
Social & Community Services	0
Creative Industries	22

**NCEA Assessment Details**

Standard Number	Internal/ External	Credit Value	NCEA Literacy	NCEA Numeracy	U.E. Reading (R) and/or Writing (W)
91445	Internal	4	No	No	-
91450	Internal	4	No	No	-
91455	External	14	No	No	-

# Subject: **DESIGN AND VISUAL COMMUNICATION - L3DVC**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **22**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

## **Recommended Prior Learning:**

- L2 DVC and passed with over 15 credits (with at least 1 ext. AS)

## **What Will You be Studying?**

- Initiate design ideas through exploration
- Resolve a spatial design through graphics practice
- Resolve a product design through graphics practice
- Produce working drawings to communicate production details of a complex design

## **How Much Does the Course Cost?**

- There are no course fees

## **What Further Study Does This Subject Leads On To?**

- Tertiary courses in Architecture, Design, Engineering

## **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	22
Manufacturing & Technology	22
Primary Industries	10
Service Industries	4
Social & Community Services	0
Creative Industries	22

## **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91627	External	4	No	No	-
91629	Internal	6	No	No	-
91630	Internal	6	No	No	-
91631	External	6	No	No	-

## Subject: **DIGITAL TECHNOLOGY - L3DTE**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **18**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **No**

### **Recommended Prior Learning:**

- It is recommended that you have taken Level 2 Digital Technology. OR If you have strengths in Digital Media from other subjects such as Art Design, or DVC.

### **What Will You be Studying?**

- How to develop a develop a design for a digital technologies outcome
- How to use complex processes to develop a digital technologies outcome.
- How to use complex techniques to develop a digital media outcome (D.M.O.)
- Programming

### **How Much Does the Course Cost?**

- NIL

### **What Further Study Does This Subject Leads On To?**

- University BA or BSc courses
- Film, Media Design

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	22
Manufacturing & Technology	22
Primary Industries	16
Service Industries	6
Social & Community Services	10
Creative Industries	22

### **NCEA Assessment Details** (Standards selected from to a maximum of 18 credits)

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91610	Internal	6	No	No	-
91907	Internal	6	No	No	-
91903	Internal	4	No	No	-
91906	Internal	6	No	No	-

## Subject: **DRAMA - L3DRA**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **22**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

- It is recommended that you have taken Level 2 Drama.

### **What Will You be Studying?**

- How to interpret a script and perform it using voice, body, movement and space.
- How to make up your own performance and perform it.
- How to perform in various styles of drama and theatre, as well as their social and historical context.
- How to prepare and perform a role in a substantial scripted production.
- How to interpret, and communicate about, the performing arts.

### **How Much Does the Course Cost?**

- Attending professional theatre performances. Cost approx. \$40.00 per performance. Highly recommended but optional.

### **What Further Study Does This Subject Leads On To?**

- University BA or BCom or Performing Arts diplomas

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	0
Service Industries	5
Social & Community Services	0
Creative Industries	22

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91512	Internal	4	No	No	R
91513	Internal	5	No	No	-
91515	Internal	4	No	No	R
91517	Internal	5	No	No	R
91518	External	4	No	No	W

## Subject: **ENGLISH FILM STUDIES - L3FLM**

**EXCLUSIONS:** Students may take either English: Film Studies or English: Literature but not both

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: 11-14 (**some are optional, compulsory 11 credits**)

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **No**

### **Recommended Prior Learning:**

- This course requires you to LIKE films, researching and working independently. Please note this course focuses on horror films.

### **What Will You be Studying?**

- How to critique and analyse horror/thriller film genre.
- How to critique and analyse films.
- How to closely read films based on a director's style eg Quentin Tarantino.
- How to research and form conclusions about a film using Critical Race Theory or using a feminist lens.
- How to use a film assessment and turn it into a speech or podcast.

### **How Much Does the Course Cost?**

- There are no course fees.

### **What Further Study Does This Subject Leads On To?**

- University or tertiary level courses that require U.E. literacy

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	14
Manufacturing & Technology	4
Primary Industries	14
Service Industries	14
Social & Community Services	14
Creative Industries	17

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91476*	Internal	3	Yes	No	-
91480	Internal	3	Yes	No	-
91479	Internal	4	Yes	No	R
91478	Internal	4	Yes	No	-
91477*	Internal	3	Yes	No	-
91475*	Internal	6	Yes	No	W

\*Optional standard

## Subject: **ENGLISH LITERATURE – L3LIT**

**EXCLUSIONS:** Students may take either English: Film Studies or English: Literature but not both

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: 16- 22 or more with optional credits

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

- It is recommended that you have achieved a minimum of 14 Level 2 English credits, including some at Merit or Excellence level.

### **What Will You be Studying?**

- How to produce a selection of fluent, coherent writing
- How to respond critically to a studied visual text (film)
- How to prepare and deliver an oral presentation (optional)
- How to respond critically to a studied written text (extended and/or short text)
- How to respond critically to unfamiliar texts
- How to link critical texts to texts studied in class- Novel.
- How to closely analyse film and a chosen director.

### **How Much Does the Course Cost?**

- There are no course fees

### **What Further Study Does This Subject Leads On To?**

- University degree courses in arts, sciences or social sciences.

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	29
Manufacturing & Technology	19
Primary Industries	29
Service Industries	29
Social & Community Services	29
Creative Industries	20

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91472	External	4	Yes	No	R & W
91473	External	4	Yes	No	W
91478	Internal	4	Yes	No	-
91479	Internal	4	Yes	No	R
91476*	Internal	3	Yes	No	-
91475	Internal	6	Yes	No	W
91480*	Internal	3	Yes	No	-

\*Optional internal standard.

## Subject: **FOREIGN LANGUAGES – L3LAN**

Level: **NCEA LEVEL 2**

Number of Lessons per Week: **4**

Total Credits Available: **Varies**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

It is recommended that you have studied your chosen language(s) in Year 9 and Year 10 and/or you are a native speaker of that language.

### **Distance Learning:**

All foreign language courses are offered via distance learning with outside providers. Students will be monitored and supported by a member of staff. However, they will not have access to a subject specialist in the normal way. Therefore, it's important that students opting to take a foreign language are highly motivated, independent learners with sound time management skills.

For more information, please contact Mr Ditchburn.

### **Languages Offered**

The following languages have previously been available at NCEA Level 1, 2 and 3. Other languages may be available.

- Chinese (Mandarin)
- French
- German
- Japanese
- Samoan
- Spanish

## Subject: **GEOGRAPHY – L3GEO**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **19**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

It is recommended that you have taken both Level 1 and Level 2 Geography, or Level 2 Biology, English or History.

### **What Will You be Studying?**

- The causes, consequences, and significance of a cultural or natural pattern at a global scale.
- How to apply geographic skills and concepts to a range of situations.
- How different groups of people have responded to a current geographic issue – Plastic in our oceans.
- How to conduct geographic research in consultation with the teacher.
- Apply spatial analysis to solve a geographic problem using ArcGIS technology

### **How Much Does the Course Cost?**

- Highly recommended but not compulsory three-day field trip to Tongariro National Park - \$350.00 (approximately)

### **What Further Study Does This Subject Leads On To?**

- University BA or BSc courses

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	4
Manufacturing & Technology	0
Primary Industries	7
Service Industries	19
Social & Community Services	3
Creative Industries	6

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91429	External	4	Yes	No	R & W
91430	Internal	5	Yes	Yes	-
91431	Internal	3	Yes	No	R
91432	Internal	3	Yes	No	R
91433	Internal	3	Yes	No	-

Subject: **HEALTH – L3HTH**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **20**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes.**

### **Recommended Prior Learning:**

It is recommended that you have taken subjects that have a strong literacy component to them and have an interest in human health, its behaviour and the impact on society.

### **What Will You be Studying?**

Students will analyse a current NZ health issue e.g. Childhood Poverty and a current international health issue e.g. Diabetes in the Pacific. Students will research and evaluate a range of health practices used in New Zealand to treat health conditions of interest to them e.g. Cancer. They will examine the different models of health promotion and their implications for well-being and examine contemporary ethical issues e.g. euthanasia or assistive reproductive therapy.

### **How Much Does the Course Cost?**

- There are no course fees

### **What Further Study Does This Subject Lead On To?**

- Tertiary Study in Health Science, Health Promotion, Public Health, Occupational Therapy, Nursing, Physiotherapy, Pharmacy, Biomedical Sciences, Sociology, Psychology, Social Work and Education.

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	19
Service Industries	19
Social & Community Services	24
Creative Industries	0

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91465	External	5	Yes	No	R/W
91464	Internal	4	Yes	No	R
91463	Internal	5	Yes	No	R
91462	External	5	Yes	No	R/W
91461	Internal	5	Yes	No	R

Subject: **HISTORY – L3HIS**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **25**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

**Recommended Prior Learning:**

It is recommended that you have taken both Level 1 and Level 2 History or Geography or gained Achieved or higher in the internal assessments in English at Level 2.

**What Will You be Studying?**

- Academic research into a self-chosen topic of historical significance
- Analysis of the varying causes and consequences of the Cuban Missile Crisis.
- Varying perspectives on the signing of Te Tiriti O Waitangi
- Resource analysis of primary sources of information.

**How Much Does the Course Cost?**

- Two-day fieldtrip to the Bay of Islands – (optional but recommended), approximately \$250.00

**What Further Study Does This Subject Leads On To?**

University BA in History, Law, Journalism, and a variety of other courses

**Which Vocational Pathways Does This Course Contribute To?**

Vocational Pathway	Credits Available
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	14
Service Industries	10
Social & Community Services	0
Creative Industries	10

**NCEA Assessment Details**

Standard Number	Internal/ External	Credit Value	NCEA Literacy	NCEA Numeracy	U.E. Reading (R) and/or Writing (W)
91434	Internal	5	Yes	No	R
91435	Internal	5	Yes	No	R
91436	External	4	Yes	No	R & W
91437	Internal	5	Yes	No	R
91438	External	6	Yes	No	R & W

## Subject: **HOSPITALITY & CATERING – L3HSP**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **23**

Is This Subject Approved for University Entrance (UEAS): **No**

Can I Gain a Course Endorsement in this Subject: **No**

### **Recommended Prior Learning:**

- It is recommended that you have taken both Level 1 and Level 2 Food related subjects.

### **What Will You be Studying?**

- Knowledge of basic nutrition in commercial catering.
- Preparing and presenting espresso beverages for service.
- Art of coffee Making.
- Demonstrate knowledge of a large variety of food commodities.
- Analyse the influences of food advertising on well-being.

### **What Further Study Does This Subject Leads On To?**

- Careers in the hospitality industry.

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	0
Service Industries	4
Social & Community Services	4
Creative Industries	0

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
13343	Internal	4	No	No	-
17285	Internal	4	No	No	-
17284	Internal	3	No	No	-
18497	Internal	8	No	No	-
91471	External	4	Yes	No	W

## Subject: **MIT TRADES ACADEMY – AUTOMOTIVE ENGINEERING**

Students wishing to take this course should register their interest with Ms Lassen. It is not available via the KAMAR Course Selection system.

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **2 day per week**

Total Credits Available: **TBC**

Can I Gain a Course Endorsement in this Subject: **No**

### **Recommended Prior Learning:**

It is recommended that you have an interest in motor mechanics and are considering a career in the automotive industry.

### **3 + 2 Course:**

Students taking this course will spend three days at school working on their regular subjects and two days at MIT's Manukau campus.

For more information, please contact Ms Lassen.

## Subject: **MUSIC – L3MUS**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **24** (26)

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

It is recommended that you pass Level 2 Music at an Achieved level or better. Students must be enrolled in itinerant instrument lessons throughout the year as part of the requirement to take music.

### **What Will You be Studying?**

- How to perform two programmes of music as a featured soloist and member of a group ensemble.
- How to compose three original pieces of music.
- How to demonstrate aural and theoretical skills through written representation.
- How to demonstrate knowledge of conventions used in music scores.
- How to analyse and examine the influence of context on a substantial music work.
- How to create two arrangements for an ensemble.
- How to research a music topic.

### **How Much Does the Course Cost?**

- Recommended \$35.00 to purchase a set of headphones and a USB, (students can provide their own). Itinerant Music Lessons available.

### **What Does This Subject Lead On To?**

- University BMUS plus a range of other university or tertiary courses.

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91416	Internal	8	No	No	-
91418**	Internal	4	No	No	-
91849	Internal	8	No	No	-
91425**	Internal	6	No	No	R
91423***	External	4	Yes	No	-

\* Optional.

\*\* Choose either or.

\*\*\* Optional but required by students seeking course endorsement.

## Subject: **PAINTING – L3PNT**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **22**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

It is recommended that you have taken a senior Art Subject or have had a conversation with the Head of Art before selecting print making (If you have never taken senior Art before).

### **What Will You be Studying?**

- How to analyse methods and ideas from painting practices
- How to use drawing to demonstrate understanding of conventions appropriate to painting.
- How to systematically clarify ideas using drawing informed by established practices in painting.
- How to produce a systematic body of work that integrates conventions and regenerates ideas from painting.
- How to produce a resolved work that demonstrates purposeful control of skills.

### **How Much Does the Course Cost?**

- Students can use brushes and paints provided in school but will need their own at home to work on their Art. A range of painting materials are available to purchase in school if students require.

### **What Further Study Does This Subject Leads On To?**

- A range of university and tertiary courses.

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	0
Service Industries	0
Social & Community Services	0
Creative Industries	22

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91446	Internal	4	No	No	-
91451	Internal	4	No	No	-
91456	External	14	No	No	-

## Subject: **PHOTOGRAPHY – L3PHO**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **22**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

It is recommended that you have taken a senior Art Subject or have had a conversation with the Head of Art before selecting print making (If you have never taken senior Art before).

### **What Will You be Studying?**

- How to demonstrate an understanding of methods and ideas from established practice appropriate to photography.
- How to use drawing methods to apply knowledge of conventions appropriate to photography.
- How to develop ideas in a related series of drawings appropriate to established photography.
- How to produce a systematic body of work that shows understanding of art making conventions and ideas within photography.
- Extending knowledge and skills of Adobe Creative Cloud.
- Extending knowledge of Cameras and conventions.

### **How Much Does the Course Cost?**

- \$50.00. This covers all materials and a year's licence for Adobe Creative Cloud. This also covers the cost of the NCEA folio board and printing costs.
- Students also need their own USB (At least 16g) and SD card to save their photos.
- We also run a trip that students find ideas for their theme on costs of this will be confirmed in class.

### **What Further Study Does This Subject Leads On To?**

- A range of university and tertiary courses.

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	0
Service Industries	0
Social & Community Services	0
Creative Industries	22

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91447	Internal	4	No	No	-
91452	Internal	4	No	No	-
91457	External	14	No	No	-

## Subject: **PHYSICAL EDUCATION – L3PED**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **19**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

It is recommended that you have taken both Level 1 and Level 2 Physical Education.

### **What Will You be Studying?**

- How to analyse a physical skill performed by yourself or someone else
- How to evaluate a programme designed to improve someone's physical performance
- How to perform a physical activity at a high level in a particular setting
- Examining a current sporting of physical activity issue that affects New Zealand society

### **How Much Does the Course Cost?**

- \$60.00 (TBC) for Tough Guy Tough Gal event (optional but recommended)

### **What Further Study Does This Subject Leads On To?**

- A range of university and tertiary courses.

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	0
Service Industries	19
Social & Community Services	11
Creative Industries	11

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91505	Internal	4	Yes	No	-
91499	Internal	3	Yes	No	-
91500	Internal	4	Yes	Yes	-
91501	Internal	4	No	Yes	-
91502	Internal	4	Yes	No	R

## Subject: **PHYSICS – L3PHY**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **23**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

It is recommended that you have taken NCEA Level 2 Physics and Mathematics

### **What Will You be Studying?**

- How to use the scientific method, by designing and carrying out experiments to solve Physics problems to a selected context.
- How to carry out a practical investigation that leads to a non-linear relationship
- Classical Mechanics which includes translational, rotational and simple harmonic motion
- Waves including the Doppler Effect, standing waves in musical instrument and interference patterns
- Electrical Systems including Kirchoff's Laws, capacitors, inductors and alternating current

### **How Much Does the Course Cost?**

- Optional Level 3 Physics workbook - \$25.00

### **What Further Study Does This Subject Leads On To?**

- University and tertiary course

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	23
Manufacturing & Technology	23
Primary Industries	16
Service Industries	0
Social & Community Services	23
Creative Industries	0

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91521	Internal	4	Yes	No	-
91525	Internal	3	Yes	No	-
91523	External	4	Yes	No	-
91524	External	6	Yes	No	-
91526	External	6	Yes	No	-

## Subject: **PRINTMAKING – L3PRN**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **22**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

It is recommended that you have taken a senior Art Subject or have had a conversation with the Head of Art before selecting print making (If you have never taken senior Art before).

### **What Will You be Studying?**

- How to analyse methods and ideas from painting practices
- How to use drawing to demonstrate understanding of conventions appropriate to painting.
- How to systematically clarify ideas using drawing informed by established practices in painting.
- How to produce a systematic body of work that integrates conventions and regenerates ideas from painting.
- How to produce a resolved work that demonstrates purposeful control of skills.

### **How Much Does the Course Cost?**

- Students can use rollers and inks provided in school but will need their own at home to work on their Art. A range of print making materials are available to purchase in school if students would like to explore wood carving or different print making mediums.

### **What Further Study Does This Subject Leads On To?**

- A range of university and tertiary courses.

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	0
Service Industries	0
Social & Community Services	0
Creative Industries	22

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91446	Internal	4	No	No	-
91451	Internal	4	No	No	-
91456	External	14	No	No	-

## Subject: **PRODUCT DESIGN TECHNOLOGY - L3PDT**

Level: **NCEA LEVEL 3.**

Number of Lessons per Week: **4**

Total Credits Available: **18**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

L1 and L2 Technology, Science and possibly some Art and DVC.

### **What Will You be Studying?**

- Undertake project management to support technological practice.
- Develop a prototype considering fitness for purpose in the broadest sense.
- Demonstrate understanding of how technological modelling supports technological development and implementation.
- Undertake a critique of a technological outcome's design.

### **How Much Does the Course Cost?**

- No cost

### **What Does This Subject Lead On To?**

- BSc , BTech, Product designer, electronics engineer, industrial designer.
- Product and Packaging Design and Engineering, Materials Engineering and Mechanical Engineering.

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	18
Creative Industries	6
Manufacturing & Technology	18
Primary Industries	14
Service Industries	4
Social & Community Services	0

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
AS91609	Internal	4	No	No	-
AS91611	Internal	6	No	No	-
AS91612	Internal	4	No	No	-
AS91617	External	4	No	No	-

## Subject: **SPORTS LEADERSHIP – L3SPT**

Level: **NCEA Level 3**

Number of Lessons per Week: **4**

Total Credits Available: **24**

Is This Subject Approved for University Entrance (UEAS): **No**

Can I Gain a Course Endorsement in this Subject: **No**

### **Recommended Prior Learning:**

It is recommended that you have taken Level 2 Sport Studies.

### **What Will You be Studying?**

- How to be an effective coach.
- How to be a fitness instructor at the gym.
- How to plan, implement and review an event.
- How to improve your level of performance in a team and/or individual sports.
- If taking PE & Sports Leadership, you will qualify for the AS91501 4 credits in one subject only (The highest grade will dictate which).

### **How Much Does the Course Cost?**

- All course costs associated with this course will be covered by STAR Funding.
- There is no subject fee charged to students.
- Please Note: There will be an excursion for the Event Planning Module in Term Four at an extra charge (Approx. Cost \$20-\$50 depending on student choice, however, a free in school option is available).

### **What Further Study Does This Subject Leads On To?**

- This course has been designed as a steppingstone for future study in the Sport and Recreation field.

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	0
Service Industries	0
Social & Community Services	0
Creative Industries	0

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
22771	Internal	6	No	No	-
30933	Internal	5	No	No	-
30935	Internal	5	No	No	-
21414	Internal	4	No	No	-
91501	Internal	4	No	No	-

## Subject: **STATISTICS – L3STA**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **19**

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

- Successful completion of Level 2 Mathematics including one external

### **What Will You be Studying?**

- Linear Programming – finding maximums and minimums in feasible regions
- Bivariate – use software for statistical data analysis involving bivariate data
- Inference – use software for statistical data analysis to make an inference
- Probability distributions – normal, binomial, Poisson, triangular and uniform
- Systems of Equations – solving 3 by 3 systems of simultaneous equations

### **How Much Does the Course Cost?**

- Graphics calculator to be purchased with stationery – cost varies

### **What Further Study Does This Subject Lead Onto?**

- Most tertiary study

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	3
Manufacturing & Technology	3
Primary Industries	19
Service Industries	12
Social & Community Services	12
Creative Industries	4

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91574	Internal	3	No	Yes	-
91581	Internal	4	No	Yes	-
91582	Internal	4	No	Yes	-
91585	External	4	No	Yes	-
91586	External	4	No	Yes	-
91587	Internal	3	No	Yes	-

## Subject: **TE AO HAKA – L3TAH**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: 15

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I Gain a Course Endorsement in this Subject: **Yes**

### **Recommended Prior Learning:**

It is recommended that you have taken both Level 1 and Level 2 Te Ao Haka.

### **What Will You be Studying?**

- Students will explore their point of view through observing components, elements and features of performance.
- Students will develop and utilise deep understanding of narrative to enhance their performance.
- Students will use connection to and experience of Māori culture, language and practice to enhance and embody performance.
- Students will refine their understanding and use of the unique tikanga and reo features through performance.
- Students will refine their skills in performance.
- Students will refine their leadership skills, knowledge, and tikanga within Te Ao Haka.
- Students will express their perspective as an observer of performance.

### **How Much Does the Course Cost?**

- There are no course fees

### **What Further Study Does This Subject Leads On To?**

- University BA

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	0
Service Industries	0
Social & Community Services	0
Creative Industries	15

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91984	Internal	5	Yes	No	R & W
91985	Internal	5	Yes	No	R
91986	External	5	Yes	No	R

## Subject: **TE REO MAAORI – L3 MAO**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: 16

Is This Subject Approved for University Entrance (UEAS): **Yes**

Can I gain a Course Endorsement in this Subject? **Yes**

### **Recommended Prior Learning:**

It is recommended that you have passed the Level 2 Te Reo Māori assessments at Achieved level or better.

### **What Will You be Studying?**

- Whakarongo I te reo o te ao whanui
- Korero I te reo o te ao whanui
- Panui kia whai maramatanga I te reo o te ao whanui
- Tuhituhi I te reo Maori o te ao whanui
- Waihaunga tuhinga whai take I te reo Maori o te ao whanui

### **How Much Does the Course Cost?**

- Recommended \$35 to purchase Maaori Made Easy Scotty Morrison Book.

### **What Does This Subject Lead On To?**

- University degree and tertiary courses NCEA Assessment Details

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	16
Manufacturing & Technology	16
Primary Industries	16
Service Industries	16
Social & Community Services	16
Creative Industries	16

### **NCEA Assessment Details**

<b>Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
91650	Internal	4	Yes	No	-
91651	Internal	6	Yes	No	-
One of the following External assessments:					
91652	External	6	Yes	No	R
91653	External	6	Yes	No	W
91654	Internal	6	Yes	No	W

## Subject: **TOURISM – L3TOU**

Level: **NCEA LEVEL 3**

Number of Lessons per Week: **4**

Total Credits Available: **19**

Is This Subject Approved for University Entrance (UEAS): **No**

Can I Gain a Course Endorsement in this Subject: **No**

### **Recommended Prior Learning:**

- It is recommended that you have taken Geography or Tourism at Level 1 or 2.

### **What Will You be Studying?**

- The Pacific Islands as a tourist destination.
- Australia as a tourist destination.
- Promoting New Zealand as a tourist destination.
- Analyse the economic significance of tourism.

### **How Much Does the Course Cost?**

- This is a STAR funded course. Students may choose to do additional units at extra cost (\$40).
- Recommended but not compulsory fieldtrip to Auckland International Airport - \$25.00
- Recommended fieldtrip to Rotorua- approx. cost \$300.00

### **What Further Study Does This Subject Leads On To?**

- Schools of Travel and Tourism
- Tourism Industry

### **Which Vocational Pathways Does This Course Contribute To?**

<b>Vocational Pathway</b>	<b>Credits Available</b>
Construction & Infrastructure	0
Manufacturing & Technology	0
Primary Industries	0
Service Industries	0
Social & Community Services	0
Creative Industries	0

### **NCEA Assessment Details**

<b>Unit Standard Number</b>	<b>Internal/ External</b>	<b>Credit Value</b>	<b>NCEA Literacy</b>	<b>NCEA Numeracy</b>	<b>U.E. Reading (R) and/or Writing (W)</b>
3727	Internal	5	No	No	-
18211	Internal	5	No	No	-
24733	Internal	5	No	No	-
24725	Internal	4	No	No	-