



**Years 12 & 13**

# **YEARS 12 and 13** **Subject Selection Guide** **2025**



**WAITĀKERE COLLEGE**

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## Introduction

Dear Parents and Students

Now is the time for you to start making decisions about courses for next year. It is important that you consider carefully the pathways open to you at school and where they lead to in the working world beyond. This booklet is designed to help you with this.

The Curriculum Map in this introduction will help you to see where each subject goes within the school and the subject choice guidelines will enable you to see what is needed for entry into tertiary courses and various vocations.

### **NCEA – The National Certificate of Educational Achievement**

NCEA is New Zealand's National Secondary School Qualification. It is part of the National Qualifications Framework (NQF) that also assesses beyond school into tertiary education and the workplace.

A brief outline:

- At school, students work towards gaining credits at NCEA Level 1, 2 or 3.
- These credits come from both Achievement Standards and Unit Standards.
- NCEA measures student attainment against an established standard or level.
- Assessment is of two types:
  - **Internal Assessment:** Within the school year
  - **External Assessment:** At the end of the year in formal national exams.

### **NCEA Certificates**

- |                |   |
|----------------|---|
| <b>Level 1</b> | 60 credits from Level 1 Subjects<br><u>PLUS</u> 10 Literacy credits and 10 Numeracy credits.<br>The Lit/Num credits then count for every level of NCEA                        |
| <b>Level 2</b> | 60 credits at Level 2 or above<br>Plus the Level 1 Literacy and Numeracy requirements.  |
| <b>Level 3</b> | 60 credits at Level 3 or above<br>Note: A Level 3 Certificate does not guarantee entrance into university (see below)<br>Plus the Level 1 Literacy and Numeracy requirements. |

### **NCEA Literacy and Numeracy**

To gain an NCEA Certificate, students must display a basic competence in literacy (English or Te Reo Māori) and in numeracy at Level 1. These are attained through on-line national Literacy and Numeracy assessments (co-requisites)

## Recognising High NCEA Achievement

### NCEA Level 1-3 Certificate Endorsements

Recognition is given to students who achieve Achievement Standards at Merit and at Excellence level.

Merit Certificate – At least 50 credits at Merit or better.

Excellence Certificate – At least 50 credits at Excellence.

### NCEA Course Endorsements

Students are able to gain a Merit or Excellence endorsement for high achievement in a course. To gain course endorsement students must gain the following in a given year:

- 14 or more credits in a course at Merit or Excellence.
- At least three external credits and three internal credits (except Physical Education and Visual Art at Level 3 which are internally assessed only).

## The New Zealand Scholarship

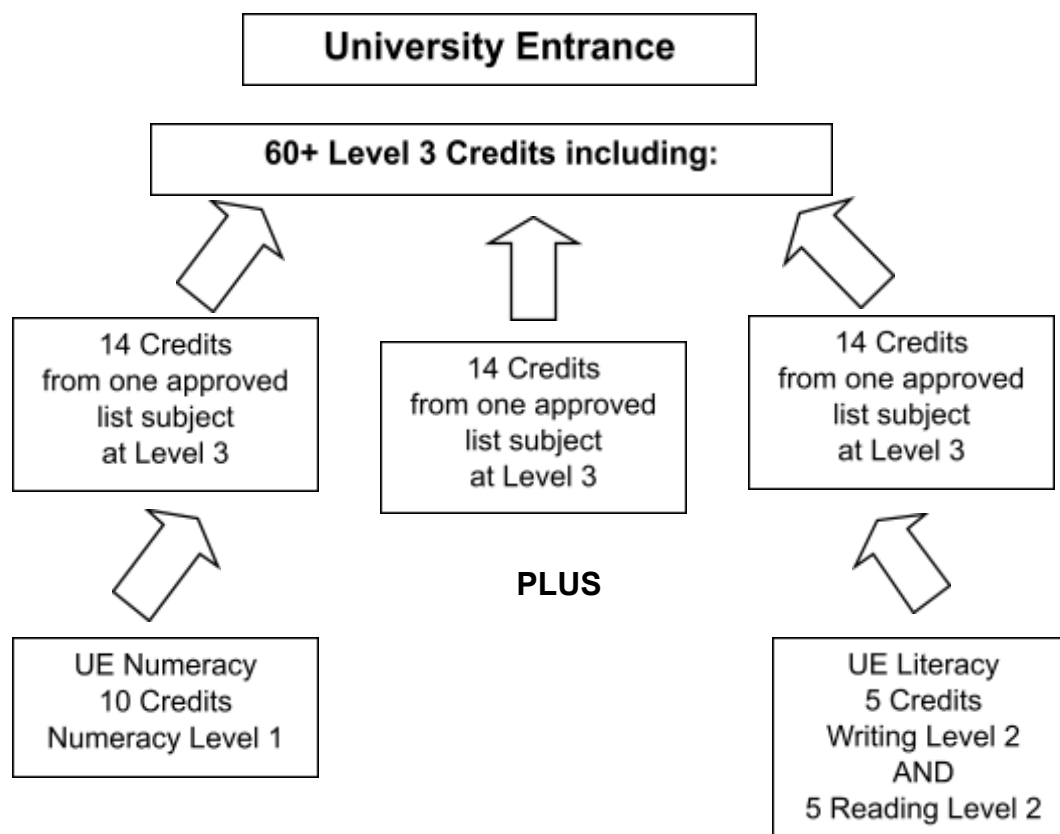
An additional academic challenge for students studying Level 3 subjects is to sit the NZQA Scholarship exams. While these exams draw from content in Level 3 subjects, students are required to demonstrate higher level abstract thinking.

### **Scholarship:**

- Is administered by NZQA but is not part of NCEA and does not count for credits.
- Has monetary awards which are given for success in scholarship (see [www.nzqa.govt.nz](http://www.nzqa.govt.nz) for details).

## University Entrance

In choosing subjects from Year 11 upwards, students and parents need to be aware that not all school subjects directly support entry into university.





## The University Approved List

<p><i>Accounting</i></p> <p><i>Agriculture &amp; Horticulture</i></p> <p><i>Biology</i></p> <p><i>Business Studies</i></p> <p><i>Calculus</i></p> <p><i>Chemistry</i></p> <p><i>Chinese</i></p> <p><i>Classical Studies</i></p> <p><i>Construction &amp; Mech. Technology</i></p> <p><i>Cook Islands Maori</i></p> <p><i>Dance</i></p> <p><i>Design (Practical Art)</i></p> <p><i>Design &amp; Visual Communication</i></p> <p><i>Digital Technologies</i></p> <p><i>Drama</i></p> <p><i>Earth &amp; Space Science</i></p> <p><i>Economics</i></p> <p><i>Education for Sustainability</i></p> <p><i>English</i></p> <p><i>French</i></p> <p><i>Geography</i></p> <p><i>German</i></p> <p><i>Hauora</i></p> <p><i>Health Education</i></p> <p><i>History</i></p> <p><i>History of Art</i></p> <p><i>Home Economics</i></p> <p><i>Indonesian</i></p> <p><i>Japanese</i></p>	<p><i>Korean</i></p> <p><i>Latin</i></p> <p><i>Mathematics/Pāngarau</i></p> <p><i>Media Studies</i></p> <p><i>Music Studies</i></p> <p><i>NZ Sign Language</i></p> <p><i>Ngā Mahi a te Rēhia</i></p> <p><i>Ngā Toi</i></p> <p><i>Ngā Toi Ataata</i></p> <p><i>Ngā Toi Puoro</i></p> <p><i>Painting (Practical Art)</i></p> <p><i>Photography (Practical Art)</i></p> <p><i>Physical Education</i></p> <p><i>Physics</i></p> <p><i>Printmaking (Practical Art)</i></p> <p><i>Processing Technologies</i></p> <p><i>Psychology</i></p> <p><i>Religious Studies</i></p> <p><i>Samoan</i></p> <p><i>Science/Pūtaiao</i></p> <p><i>Sculpture (Practical Art)</i></p> <p><i>Social Studies</i></p> <p><i>Spanish</i></p> <p><i>Statistics</i></p> <p><i>Technology/Hangarau</i></p> <p><i>Te Ao Haka</i></p> <p><i>Te Reo Māori</i></p> <p><i>Te Reo Rangitara</i></p> <p><i>Tikanga ā-Iwi</i></p> <p><i>Tongan</i></p>
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**Note:** University Entrance does not guarantee entry to University. It is effectively a “right to apply”. Universities set their own criteria which students must achieve in addition to gaining University Entrance. Waitakere College does not teach all of the above subjects.

### Rank Score

Some universities are using a Rank Score for their selection process. The Rank Score gives weighting to the number of Achieved, Merit and Excellence credits students attain in their top 80 credits in Approved subjects.

The top 80 credits across a maximum of 5 subjects at Level 3 from the approved list are used:

For an Excellence 4 points are awarded

For a Merit 3 points are awarded

For an Achieved 2 points are awarded

These are then totalled and you are ranked.

At most universities entry to some courses needs specific subjects or requirements.

Auckland University also requires 17 English credits from Level 2 or 3 for any degree, although you can meet this requirement by passing one of their nominated courses in your first year there.

Please see Mr Sizer in Careers to check on the requirements for any course you are interested in studying.

## **Selecting Subjects for Next Year**

### **How do you decide what subjects to take?**

Some important pointers:

- Take a lot of advice. Talk to:
  - The College's Careers Staff – Mr Sizer
  - Curriculum Leaders / Heads of Department
  - Your subject teachers
  - Your Tutor teacher who knows you well
  
- Consider subjects that:
  - You are doing well at
  - You are enjoying
  - Match the career that you have in mind
  
- Many subjects at Year 12 and 13 have entry requirements. See individual subject descriptions for these prerequisites.

### **Level Requirements**

#### **Year 11**

- All Year 11 students study English, Mathematics and a Science.
- Plus 3 other subjects.

#### **Year 12**

- All Year 12 students study English and Mathematics plus 4 other subjects at Level 1 or 2.

#### **Year 13**

- Students studying **5** or more Approved List subjects choose **5 subjects only**.
- All others choose **6 subjects**.

Provision of any courses described in this booklet is dependent upon student numbers and school resourcing. The final decision on whether a course will run is made by the College in February of the year of study.

## Subject Choice Guidelines

**These are recommendations only and not necessarily prerequisites.**

Career	Background Subjects Required
Accountancy	See Business / Commerce.
Administration/PA	English, Mathematics, Computer skills.
Apprenticeships	Pre-trade or foundation courses are available. Check for individual trade requirements but the minimum is NCEA Level 2 English and Mathematics. Physics recommended. Some trades require an even higher achievement level.
Architecture	Degree required. A broad based course of study in senior school, Mathematics, Physics useful. Level 3 Painting, Design or DVC recommended as a portfolio of Art work is required.
Armed Forces	Officers: University Entrance needed. Apprenticeships and Combat Trades: Minimum NCEA Level 2 passes in English, Mathematics, Physics recommended. Check for specific trades. There are also aptitude tests you need to take in your desired trade. These are both physical and written.
Art and Design	Certificate through to Degree. Portfolio may be required.
Aviation	English, Calculus or Statistics and Physics recommended. There are several different pathways into this industry.
Building and Carpentry	Certificate through to Degree. English, Mathematics and Building recommended.
Business/Commerce	Certificate through to Degree. Mathematics, Statistics and English, Accounting and Business recommended.
Childcare	Certificate through to Degree.
Computing/IT	Certificate through to Degree. Mathematics, English and Digital Technology are useful.
Dentistry	See Health Sciences.
Economics	See Business / Commerce.
Electrician	See Apprenticeships. English, Mathematics, Physics required at Level 2.
Engineering: Civil, Electrical, Electronics, Computer Systems, Mechanical	Courses range from pre-trade to Certificate, Diploma and Degree level. Maths and English is recommended. Engineering, Physics, and Computing are also useful depending on the specialist area chosen.
Environmental Science	Degree required. English, Mathematics, Statistics, Biology and Geography are useful.
Farming	Level 2 NCEA in general subjects including English and Maths. Training providers have varying entry requirements through to Degree level.
Fashion Design	Diploma through to Degree. Mathematics, English, Art, Technology and Design are useful.
Finance	Maths, English, Accounting recommended. Bank trainee officer through to Degree level.
Fine Arts	See Art and Design.
Fitness Industry	Certificate courses through to Degree level. English, Physical Education and Biology useful.
Graphic Design	See Art and Design.
Hairdressing	English and Mathematics at Level 2. Pre-trade courses through to Apprenticeships.

<b>Career</b>	<b>Background Subjects Required</b>
Health Sciences First Year Course Entry into: Doctor, Dentistry, Optometry, Pharmacy, Medicine.	English, Chemistry, Biology, Physics, Mathematics are recommended. UE required but foundation courses available. All students need to include a Humanities subject e.g. History, English, Geography and Classics. Check extra requirements for Auckland University.
Horticulture	Certificate through to Degree. Biology, Chemistry, Mathematics and English are all useful.
Hospitality	Certificate through to Apprenticeships and Degree courses.
Interior Design	See Art and Design.
Journalism	Degree required. Broad education recommended, English plus History/Geography useful.
Law	Degree required. Broad education recommended, History and Classics useful. Students need to achieve excellent results in first year of university to continue studying.
Medical Imaging	Degree required. Useful subjects: English, Mathematics, Calculus or Statistics and minimum of one Science subject.
Motor Industry	See Apprenticeships. English, Mathematics, Physics recommended.
Music	Certificate through to Degree courses. Music recommended. Audition required for most courses.
Nursing	Degree required. English, Mathematics and Biology are recommended.
Occupational Therapy	Degree required. English, Biology and Mathematics are recommended.
Performing and Screen Arts	Certificate through to Degree course. Audition required.
Physiotherapy	Degree required. Biology, Chemistry and Physics are recommended.
Plumbing	See Apprenticeships. English, Mathematics, Physics recommended.
Police	Minimum Level 2 English and Maths. Full drivers licence, physically fit, in excellent health, able to swim. Must be 18 before starting Police training.
Project/Event Management	Certificate through to Degree. Some organisations have their own training program.
Psychology	Degree required. Classics or History useful.
Retail	Certificate course or on the job training.
Social Work	Degree required. General educational background. Need to be aged 20 and over, but may be accepted at 18 if mature and preferably with some relevant experience.
Sport	Certificate through to Degree. Physical Education and Biology are useful.
Teaching	Degree required. Wide range of subjects possible.
Tourism	Certificate through to Degree or on the job training.
Veterinarian/ Vet Nurse	Certificate through to Degree. Recommended subjects: Chemistry, Physics, Biology and Mathematics.

**If in doubt, please check with Careers staff.**



## Vocational Pathways - a new approach to Careers

The Ministry of Education after consulting with government agencies, education, industry and employer representatives created a map linking education and employment. It is known as Vocational Pathways. Vocational Pathways divides occupations into six main sectors:

**Construction and Infrastructure (CI)**  
**Service Industries (SI)**  
**Creative Industries (C) or (CR)**  
**Primary Industries (P) or (PI)**  
**Manufacturing and Technology (MT)**  
**Social and Community Services (SC)**

Within each sector a wide range of Achievement and Unit Standards are seen as useful and recommended for that sector (known as sector related).



A student can gain a Vocational Pathway endorsement along with an NCEA Certificate at Level 2 if the credits achieved include a minimum of 60 credits from one or more pathway with at least 20 of these credits being from the list of sector related credits. This will be shown on the student's vocational profile and as an additional award on the NCEA certificate.

The purpose is that an employer or tertiary provider can see that a student has made option choices that match with their industries particular requirements. On the NZQA website students can look up what their own unique graph will look like. Here is a sample:



### **Gateway**

Years 11/12/13 Level 2 & 3

Gateway is a work-based programme all Year 12 & 13 should consider. It provides students with opportunity to engage in a structured work placement, in an area of interest, whilst completing industry unit standards, increasing their work readiness and employability. Students select Gateway as one of their options where they complete theory work related to their work placement. Students unable to participate in Gateway as a subject can engage in the programme as a standalone.

### **Health Careers Academy**

Years 12/13 Level 2/3

For Year 12/13 students with a vocational interest in the health and community services industries. Students combine their learning in school with specialist learning taking place one day a week in a tertiary setting.

*(Part of AWVA)*

### **Building Academy**

Years 12/13 Level 2/3

Open to Year 12/13 students. This allows students to make a start on their Building pathway. Students combine workshop time with tertiary learning and experience in building worksites.

*(Part of: AWVA)*

### **Mechatronics Academy**

Year 12 Level 2

Combining computer programming and robotics students in this course spend time off-site and in tertiary settings developing thinking and practical skills in robotics technology. *(Part of: AWVA)*

## **Vocational Pathways Programs**

(Years 12, 13)

**The College offers a number of programs to give you a taste of life in a Tertiary College or in a workplace while still having support and other subjects that school offers.**

**You need to apply to Mrs Lutua-Ngaeruaiti to be part of these programmes.**



*AWVA is the Auckland West Vocational Academy. It is an exciting innovation involving Waitakere College, Kelston Boys, Massey High, Green Bay High and Rutherford College.*

*Supported by the Ministry of Education, it provides enhanced choice, opportunity and extension for students in Years 12 and 13.*

### **Engineering Academy**

Years 12/13 Level 2

Open to Year 12/13 students who have completed Level 1. This allows students to make a start on their Engineering apprenticeship while still at school. Students combine workshop time with tertiary learning and experience in engineering workplaces.

*(Part of AWVA)*

### **Hospitality Academy**

Year 12/13 Level 3

Students extend their chef and hospitality skills and attain qualifications at tertiary level by gaining experience both on and off-site in a commercial kitchen setting while completing NCEA qualifications. *(AWVA)*

### **Automotive Academy**

Years 12/13

Open to Year 12/13 students. Students can make a start on their automotive pathway. Students combine workshop time with tertiary learning and experience in automotive workshops *(Part of AWVA)*

### **Mahi-a-Toi Academy**

Years 12/13 Level 2

This offers Year 12/13 students the opportunity to develop, more in-depth skills in Toi Māori at a local wananga with the guidance of specialist tutors. *(AWVA)*

### **Service Academy**

Years 12/13 Level 2/3

This offers Year 12/13 students a pathway for possible progression towards the police, armed forces, security and other related services. This program is for students who can benefit from direction, structure and personal discipline.

## Vocational Pathways Matching Education and Careers

	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
Apprenticeships and NZ Certificates (NCEA Level 2)	Boat Builder Bricklayer Building Contractor Caretaker Carpenter Crane Operator Electrician Floor & Waller Tiler Floor Covering Installer Landscape Gardener Line Mechanic Locksmith Mine/Quarry Worker Painter & Decorator Plumber, Gasfitter Property Manager Roading Construction Roofer Scaffolder Water Treatment	Automotive Electrician/Technician Baker Boat Builder Chemical Production Operator Clothing Designer Clothing Pattern Maker Collision Repair Technician Dairy Products Maker Electrician Food & Beverage Factory Worker Jeweller Lighting Technician Marine Engineer Meat/Seafood Processor Mechanical Engineering Plastics Technician Telecommunications Tyre Technician Winemaker Wood Machinist	Animal Attendant Aquaculture Farmer Arborist Building & Construction Labourer Crop Farmer Dairy Products Maker Dog Trainer Farm Worker Fencer Fishery Officer Fishing Skipper Forestry & Logging Worker Grounds person Horse Trainer Landscape Gardener Meat/Seafood Processor Nursery Grower/Worker Ranger Winemaker Wood Processing	Accounts Officer Aircraft Loader or Refueller Bank Worker or Mortgage Broker Bartender Beauty Therapist Café/Restaurant Manager Chef Cleaner Contact Centre Worker Fitness Instructor Flight Attendant Florist Hairdresser Hotel Manager Legal Executive Motor Vehicle Sales Receptionist Retail Manager Tourism Operator Truck Driver	Air Force Officer Community Worker Customs Officer Dental Assistant Dispensing Optician Emergency Management Fire-fighter Health & Safety Inspector Health Promoter Immigration Officer Legal Clerk Library Assistant Minister Nanny Nursing Support & Care Police Officer Recreation Coordinator Security Officer Teacher Aide Translator	Actor Beauty Therapist Body Artist Clothing Designer Clothing Pattern Maker Copywriter Dancer Film & Video Editor Film Camera Operator Florist Hairdresser Jeweller Make-Up Artist Media Producer Musician Photographer Sewing Machinist Signmaker TV Presenter Upholsterer

	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
Diploma NCEA Levels 2 or 3	<ul style="list-style-type: none"> <li>Architectural Technician</li> <li>Civil Engineering</li> <li>Geospatial Specialist</li> <li>Interior Design</li> <li>Property Manager</li> <li>Quantity Surveyor</li> <li>Survey Technician</li> </ul>	<ul style="list-style-type: none"> <li>Aircraft Maintenance</li> <li>Architectural Technician</li> <li>Computer Support</li> <li>Database Administrator</li> <li>Electrical Engineering</li> <li>Science Technician</li> <li>Telecommunications</li> </ul>	<ul style="list-style-type: none"> <li>Forestry Manager</li> <li>Science Technician</li> </ul>	<ul style="list-style-type: none"> <li>Sales &amp; Marketing</li> <li>Air Traffic Controller</li> <li>Office Manager</li> <li>Insurance Salesperson</li> <li>Flying Instructor</li> </ul>	<ul style="list-style-type: none"> <li>Anaesthetic Technician</li> <li>Career Consultant</li> <li>Early Childhood Teacher</li> <li>Librarian</li> <li>Medical Laboratory Techn</li> <li>Naturopath</li> <li>Paramedic</li> <li>Psychotherapist</li> <li>Teacher of ESOL</li> <li>Youth Worker</li> </ul>	<ul style="list-style-type: none"> <li>Advertising, Sales, Marketing</li> <li>Interior Designer</li> <li>Editor</li> <li>Architectural Technician</li> <li>Graphic Designer</li> <li>Web Developer</li> <li>Editor</li> </ul>
Degree (Level 3 and University Entrance)	<ul style="list-style-type: none"> <li>Architectural Technician</li> <li>Civil Engineer</li> <li>Energy Auditor</li> <li>Environmental Engineer</li> <li>Landscape Architect</li> <li>Mining Engineer</li> <li>Boat Designer</li> <li>Project Manager</li> <li>Surveyor</li> <li>Architect</li> <li>Environmental Engineer</li> <li>Mining Consultant</li> </ul>	<ul style="list-style-type: none"> <li>Agricultural Engineer</li> <li>Architect</li> <li>Biomedical Engineer</li> <li>Chemical Engineer</li> <li>Civil Engineer</li> <li>Food Technologist</li> <li>Forensic Scientist</li> <li>Game Developer</li> <li>Industrial Designer</li> <li>Chemist</li> <li>Mechanical Engineer</li> </ul>	<ul style="list-style-type: none"> <li>Agricultural Consultant</li> <li>Biotechnologist</li> <li>Environmental Scientist</li> <li>Forestry Scientist</li> <li>Geophysicist</li> <li>Landscape Architect</li> <li>Marine Biologist</li> <li>Microbiologist</li> <li>Veterinarian</li> <li>Zoologist</li> <li>Agricultural Scientist</li> <li>Geologist</li> <li>Horticultural Scientist</li> </ul>	<ul style="list-style-type: none"> <li>Accountant</li> <li>Aeroplane Pilot</li> <li>Economist</li> <li>Graphic Designer</li> <li>Industrial Designer</li> <li>Intelligence Officer</li> <li>Lawyer</li> <li>Meteorologist</li> <li>Pharmacist</li> <li>Project Manager</li> <li>Archivist</li> <li>Conservator</li> <li>Curator</li> <li>Dietician</li> <li>Medical Physicist</li> </ul>	<ul style="list-style-type: none"> <li>Cardiologist</li> <li>Dentist</li> <li>Education Advisor</li> <li>Environmental Health Officer</li> <li>Foreign Policy Officer</li> <li>Health Services Manager</li> <li>Medical Laboratory Scientist</li> <li>Social Worker</li> <li>Teacher</li> <li>Urban/Regional Planner</li> <li>Anaesthetist</li> <li>Audiologist</li> <li>Judge</li> <li>Psychiatrist</li> <li>Psychologist</li> </ul>	<ul style="list-style-type: none"> <li>Animator</li> <li>Architectural Technician</li> <li>Game Developer</li> <li>Industrial Designer</li> <li>Historian</li> <li>Landscape Architect</li> <li>Naval Architect</li> <li>Archivist</li> <li>Conservator</li> <li>Curator</li> </ul>

## Codes Used in this Booklet

**KEY:** Each subject has a code. The examples below show what this means.

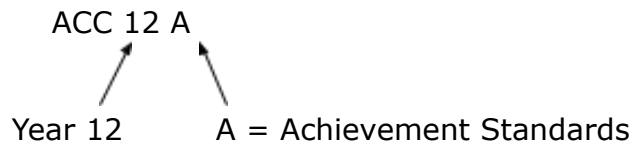
A = Achievement Standards

U = Unit Standards

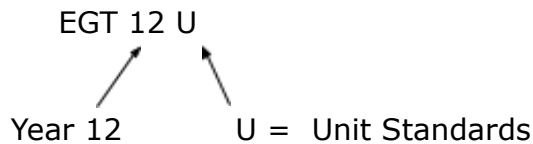
AU = Achievement Standards and Unit Standards

X = Extra external Standards (Senior Sciences only)

E.G. ACCOUNTING



E.G. ENGINEERING



Some courses offer both Unit Standards and Achievement Standards and will have the code AU

An AX indicates that the course offers mostly external Achievement Standards.

Gaining Unit Standards is an important part of a pathway to an apprenticeship, trade or further training. Achievement Standards are needed for entry to universities.

**UE Approved** applies to Level 3 courses. It means they offer 14+ credits L3 credits and are on the University approved list. See page 4 for a full list.

When choosing subjects in Year 11 and 12, look ahead at where that subject leads onto, to make sure it leads to a UE approved subject if that is your goal. This can be done by looking at the curriculum map or reading the course descriptions.

To achieve **University Entrance** students must have five reading credits and five writing credits at either level 2 or 3. There are some credits that can contribute toward both but these can only be used for one or the other, not both. These ten credits are called University Entrance literacy and they can be gained in subjects other than English.

**PLEASE NOTE:** Whether a subject will in fact run is dependent upon student numbers and availability of staffing. There may also be some changes in the standards offered by subjects.



# Curriculum Map

This shows subject pathways offered at each level.

## Key

### Compulsory Subjects

Full Year Option

Half Year Option

Term Option

\* Delivered by correspondence

All chosen courses depend on approval by Head of Curriculum

## Vocational Academies

- Automotive Building
- Customer Services & Retail
- Engineering Health Services
- Hospitality Gateway
- Mechatronics
- Medical Sciences
- Military Services
- Mahi a Toi

BR-1794 July 2022

## Year 9

English  
Academic Literacy

Mathematics

Science

Social Studies

## Year 10

English  
Academic Literacy

Mathematics

Science

Social Studies

## Year 11

English

Mathematics

Science

History

Geography

Social Science

Business Studies

Sport

Physical Education

Health

Digital Technology

Design Visual Technology

Food & Hospitality

Textiles Technology

Mixed Materials Technology

Engineering

Woodwork: Furniture

Te Reo Maori/Te Reo Rangitira

French

Chinese

Samoan

ESOL English

Music

Dance

Drama

Visual Art

Photography Design

## Year 12

English

Communications English

Maths With Calculus

Maths With Statistics

Mathematics

Chemistry

Physics

Biology

History

Geography

Social Science

Classical Studies

Financial Management

Business Studies

Accounting

Sport

Physical Education

Health Academy

Health

Digital Technology

Design Visual Technology

Hospitality

Textiles Technology

Mixed Materials Technology

Engineering

Woodwork: Furniture

Te Reo Maori/Te Reo Rangitira

French

Chinese

Samoan

ESOL English

Media

Music

Dance

Drama

Painting

Design

Photography

Sculpture

## Year 13

(NCEA Level 3)

English

UE English

Calculus

Statistics

Mathematics

Chemistry

Physics

Biology

History

Geography

Social Science

Classical Studies

Financial Management

Business Studies

Accounting

Sport and Recreation

Physical Education

Health Academy

Health

Digital Technology

Design Visual Technology

Hospitality Academy

Textiles Technology

Mixed Materials Technology

Engineering

Engineering Academy

Automotive Academy

Building Academy

Te Reo Maori/Te Reo Rangitira

French

Chinese

Samoan

ESOL English

Media

Music

Dance

Drama

Painting

Design

Photography

Sculpture

Visual Art



## COMMERCE

Accounting Level 2 ( ACC 12 A )			Teacher to see: Mr Cicchini		
At this level, Accounting builds on investigating systems and using the online software, Xero, to process data. It continues to focus more closely on analysing, interpreting and communicating financial information to a wide range of users. It develops conceptual knowledge to enhance the understanding of practical knowledge learnt.					
Prerequisites: ACC101 preferred; good numeracy and literacy required.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards	Course endorsement	Yes
12	9	21		UE approved	Not applicable
Future possibilities: Public or private accountant, financial manager, forensic accountant, auditor, tax agent. Develops an ability to understand and apply a concept, collaboratively research and interpret financial reports.					

Accounting Level 3 ( ACC 13 A )			Teacher to see: Mr Cicchini		
Accounting, at Year 13, builds on the concepts of partnership financial records and interpreting an annual report. Students build up to and compile a company's financial records and then communicate their findings. It is an in-depth process and requires students to complete their own research. The course is strongly recommended if students intend to pursue a commerce qualification at tertiary level.					
Prerequisites: ACC201 preferred; ACC101 a must; good literacy and numeracy skills.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards	Course endorsement	Yes
9	9	18		UE approved	Yes
Future possibilities: Public or private accountant, financial manager, forensic accountant, auditor, tax agent. Develop ability to apply financial concepts in different contexts, detailed report writing skills, research and analysis. Produce concise reports for a particular user.					

Business Studies Level 2 ( BUS 12 A )			Teacher to see: Mr Cicchini		
Business Studies Level 2 builds on the concepts of writing and implementing an ethical business plan. The focus is on creating, carrying out and refining a business activity with a sustainable community context and selling this product/service in Terms 2 and 3. The course runs alongside the <b>Young Enterprise Scheme</b> , competing against other school businesses in numerous challenges including pitching their business idea to a panel of judges.					
Prerequisites: Business Level 1 preferred; good literacy skills; group/collaborative skills are essential; must be self-motivated.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards	Course endorsement	Yes
15	4	19		UE approved	Not applicable
Future possibilities: Sustainable entrepreneurs, human resource officer, business manager, marketing manager Develop an ability to collect relevant primary and secondary data for analysis, write an ethical business plan, review and refine a process.					

Business Studies Level 3 ( BUS 13 A )			Teacher to see: Mr Cicchini		
Business Studies Level 3 challenges students to be future focused entrepreneurs. The focus is on creating a product/service that is grounded in being ethically, culturally innovative and sustainable, to sell in Term 2 and 3. The students adapt to obtaining consultation from external sources regarding their business activity to develop the idea throughout the year. The course runs alongside the <b>Young Enterprise Scheme</b> competing against other schools in numerous challenges including presenting their business plan to a panel of successful business people.					
Prerequisites: Business Studies Level 2 preferred; good literacy skills; group and collaborative skills and must be self-motivated.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards	Course endorsement	Yes
15	4	19		UE approved	Yes
Future possibilities: Future-focused entrepreneurs, marketing manager, business manager, market analysis. Develop skills to plan and manage a project within a business context; development of time management and communication skills.					

<b>Financial Management Level 2 ( FMT 12 U )</b>			<b>Teacher to see: Mr Cicchini</b>		
The Level 2 Financial Management course helps create a deeper understanding of money. The focus is to help students feel confident to make wise judgments about how they use and manage their money in ways that will benefit them now and in the future, to reach their financial goals, provide for themselves and reach retirement in good financial shape.					
<b>Prerequisites:</b> No prerequisites.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>14</b>	<b>0</b>	<b>14</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> This is a generic course and leads to the Financial Management Level 3 course. It gives students an in-depth knowledge of how to support yourself and pay for courses/apprenticeships.					

<b>Financial Management Level 3 ( FMT 13 U )</b>			<b>Teacher to see: Mr Cicchini</b>		
The Level 3 Financial Management course helps create a deeper understanding of money. The focus is to help students feel confident to make wise judgments about how they use and manage their money in ways that will benefit them now and in the future, to reach their financial goals, provide for themselves and reach retirement in good financial shape.					
<b>Prerequisites:</b> No Prerequisites					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>14</b>	<b>0</b>	<b>14</b>		<b>UE approved</b>	No
<b>Future possibilities:</b> This is a generic course that does not lead to other courses or a career. It develops an in-depth knowledge of how to financially support yourself and make good financial decisions.					

## ENGLISH

<b>English Level 2 ( ENG 12 AU )</b>			<b>Teacher to see: Whaea Taryn Baker</b>		
The learning goals of this course are: analyse what you read, view and listen to; produce a range of crafted and controlled writing; analyse connections between texts construct and deliver a controlled speech; analyse and discuss written and visual texts. Some standards may be offered on an individual education plan.					
<b>Prerequisites:</b> 10+ Achievement Standards at Level 1, including at least one M or E from the external exam.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards and Unit standards	<b>Course endorsement</b>	Yes
<b>16</b>	<b>8</b>	<b>24</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Any field which values the skills of communication and critical thinking.					

<b>English Level 3 ( ENG 13 A )</b>			<b>Teacher to see: Mr McGhee</b>		
The learning goals of this course are: respond critically to what you read, view and listen to; produce a selection of writing; and deliver a fluent and coherent speech. It is tailored for students wishing to continue with English or Humanities at university.					
<b>Prerequisites:</b> 14+ credits from Level 2, including at least one M or E in both the external exam and internal assessments.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>9</b>	<b>8</b>	<b>17</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Any field which values the skills of communication and critical thinking.					

<b>English Communications Level 2 ( ECM 12 U )</b>			<b>Teacher to see:</b> Whaea Taryn Baker		
The learning goals of this course are to (a) improve communication and literacy skills and (b) build upon the literacy skills gained from the English Communications Level 1 course. This course assesses skills in reading, writing, speaking and listening.					
<b>Prerequisites:</b> Level 1 Literacy or 10 credits from Level 1 English Communications.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>12</b>	<b>0</b>	<b>12</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Practical pathways for those who are career and vocationally oriented.					

<b>English Communications Level 3 ( ECM 13 U )</b>			<b>Teacher to see:</b> Mr McGhee		
The learning goals of this course are to (a) improve communication and literacy skills and (b) build upon the literacy skills gained from the English Communications Level 2 course. This course assesses skills in reading, writing, speaking and listening. Students will be on an individual education plan (IEP)					
<b>Prerequisites:</b> 10+ credits at Level 2 English Communications.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>14</b>	<b>0</b>	<b>14</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Practical pathways where communications skills are important in your chosen career or vocation.					

### ESOL

<b>English for Academic Purposes Level 2 ( EAP 12 AU )</b>			<b>Teacher to see:</b> Ms Boomen		
A course for Year 12 English language learners needing to improve academic English language skills for University Entrance. This multi-level course aims to increase academic vocabulary, improve critical reading skills, develop academic writing skills and speech presentation skills. This course provides a pathway to achieving University Entrance English for Academic Purposes standards. University literacy credits are available in this course.					
<b>Prerequisites:</b> Curriculum Leader approval.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards, Unit Standards	<b>Course endorsement</b>	No
<b>16</b>	<b>0</b>	<b>16</b>		<b>UE approved list</b>	No
<b>Future possibilities:</b> An important basis for study in all subjects and future pathways.					

<b>English for Academic Purposes Level 3 ( EAP 13 AU )</b>			<b>Teacher to see:</b> Ms Boomen		
This course is for Year 13 English language learners who need to improve academic English language skills in order to achieve University Entrance and prepare for academic study. The course is designed to build academic vocabulary and essay writing skills needed for university study. University literacy credits are available in this course.					
<b>Prerequisites:</b> Curriculum Leader approval.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards, Unit Standards	<b>Course endorsement</b>	No
<b>16</b>	<b>0</b>	<b>16</b>		<b>UE approved list</b>	No
<b>Future possibilities:</b> An important basis for study in all subjects and future pathways.					

<b>ESOL English Level 2 ( ESE 12 U )</b>				<b>Teacher to see: Ms Boomen</b>		
This course is for Year 12/13 English language learners who need to improve their practical English language skills. The course aims to increase vocabulary, improve reading skills for reading practical texts, develop skills for writing, improve listening skills and give practise in communicating practical knowledge and ideas.						
Prerequisites: Open entry.						
<b>Credits</b>				<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>		<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>20</b>	<b>0</b>		<b>20</b>		<b>UE approved</b>	No
Future possibilities: Communicating with others, working with others, planning and organising.						

<b>ESOL English Writing Level 2 ( ESW 12 U )</b>				<b>Teacher to see: Ms Boomen</b>		
The course is for Year 12/13 English language learners who need to improve academic English language skills in order to achieve in other learning areas. The course aims to increase academic vocabulary, improve critical reading skills, develop writing skills across a number of different text types, improve listening skills and give practise in communicating ideas in appropriate ways.						
Prerequisites: Open entry.						
<b>Credits</b>				<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>		<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>20</b>	<b>0</b>		<b>20</b>		<b>UE approved</b>	No
Future possibilities: Communicating with others, working with others, planning and organising.						

## HEALTH AND PHYSICAL EDUCATION

<b>Health Level 2 ( HEA 12 A )</b>				<b>Teacher to see: Miss Tai Tin</b>		
A study of various health related issues that impact on our wellbeing. There will be a focus on understanding and building resilience, investigating messages about sexuality and how situations of bullying, discrimination or sexual harassment can put a person's safety at risk. You will be expected to implement a health promotion initiative to improve the wellbeing of the school.						
Prerequisites: Level 1 Health preferable or Curriculum Leader discretion.						
<b>Credits</b>				<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>		<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>15</b>	<b>4</b>		<b>19</b>		<b>UE approved</b>	Not applicable
Future possibilities: This course will lead to Level 3 Health.						

<b>Health Level 3 ( HEA 13 A )</b>				<b>Teacher to see: Miss Tai Tin</b>		
This course looks at health issues that affect New Zealand society as well as internationally. There is an ongoing focus on understanding the socio-ecological perspective and the influence of this on wellbeing. Students will need a good understanding of factors, implications and strategies to address social injustice.						
Prerequisites: Level 2 Health preferable or at Curriculum Leader discretion.						
<b>Credits</b>				<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>		<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>5</b>		<b>19</b>		<b>UE approved</b>	Yes
Future possibilities: This course can lead to a wide range of career options in the health sector e.g. social worker, nursing, health promotion, aged care worker etc.						

<b>Physical Education Level 2 ( PED 12 A )</b>			<b>Teacher to see: Mr Stevens</b>		
This course investigates the use of biophysical principles and their role in the learning of physical skills. The course also investigates risk management in the outdoors and the application of social responsibility during physical activity. There is also a practical assessment.					
<b>Prerequisites:</b> 14+ Credits in Level 1 Physical Education (including AS92017) or at the discretion of the TIC of Level 1 Physical Education.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	Camp costs to be confirmed
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>19</b>	<b>0</b>	<b>19</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Make a difference on social justice issues using health promotions in Aotearoa. Possible careers in physiotherapy, teaching, sport management, coaching, police, adventure tourism, health related careers, fitness and training.					

<b>Physical Education Level 3 ( PED 13 A )</b>			<b>Teacher to see: Mr Brain</b>		
This course is a study of the human body and making improvements in physical performance. It looks at biomechanical issues and biophysical principles. The course also looks at societal issues around sport and sporting events and teaches students how to bring about effective change in issues linked to sport and society.					
<b>Prerequisites:</b> 14+ credits in Level 2 Physical Education (including AS91328) or at the Curriculum Leader of Physical Education's discretion.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>20</b>	<b>0</b>	<b>20</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Make a difference on social justice issues using health promotions in Aotearoa. Possible careers in physiotherapy, teaching, sport management, coaching, police, adventure tourism, health related careers, fitness and training.					

<b>Sport Level 2 ( SPT 12 A )</b>			<b>Teacher to see: Mr Revill</b>		
This course investigates risk management in the outdoors and the development of socially responsible behaviours. It introduces students to the sociology of sport and has a practical assessment.					
<b>Prerequisites:</b> A keen interest in sport and physical education.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	Camp costs to be confirmed
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>19</b>	<b>0</b>	<b>19</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Careers in health, sport and recreation careers, coaching, fitness industry and officiating. Also develops skills in understanding workings of the human body, ways to improve physical performance. Positive group interaction and leadership.					

<b>Sport Level 3 ( SPT 13 AU )</b>			<b>Teacher to see: Mr Stevens</b>		
This course offers the Certificate in Sports Studies through MIT Polytech. The course covers sport coaching, exercise technique and injury prevention and treatment. The course is held at Waitākere College but students achieve an MIT and national certificate at Level 3.					
<b>Prerequisites:</b> A keen interest in sport and exercise.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit and Achievement Standards	<b>Course endorsement</b>	No
<b>33</b>	<b>0</b>	<b>33</b>		<b>UE approved</b>	No
<b>Future possibilities:</b> Prepare for careers in health, sport and recreation fields, coaching, fitness industry and officiating. In addition, develop skills in leadership, event management, coaching and positive group interaction.					

## HUMANITIES

<b>Classical Studies Level 2 ( CLS 12 A )</b>			<b>Teacher to see:</b> Mr Marshall or Ms Iripa		
Students in this course study the epic journey of Odysseus' return from the Trojan War in the 'The Odyssey', and explore the history of Ancient Rome, from its founding to the reign of Augustus. This course is ideal for students interested in the classical world and what can be learnt from it.					
<b>Prerequisites:</b> 10 credits in at least one of Level 1 History, Geography, Social Studies or English.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>10</b>	<b>6</b>	<b>16</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Level 3 Classical Studies and university study, especially in law, medicine and the arts.					

<b>Classical Studies Level 3 ( CLS 13 A )</b>			<b>Teacher to see:</b> Mr Marshall		
Students in this course study Socratic moral philosophy, Greek tragedy and Alexander the Great. Socratic philosophy provides a toolkit for life, Greek tragedy investigates the depth of human emotions and Alexander the Great explores the epic life of one of the most influential people in history. This course is ideal for students interested in philosophy, humanity and ancient history.					
<b>Prerequisites:</b> 14 credits in at least one of Level 2 Classical Studies, History, Geography or English.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>12</b>	<b>6</b>	<b>18</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> University study, especially in law, medicine and the arts.					

<b>Geography Level 2 ( GEO 12 A )</b>			<b>Teacher to see:</b> Mr Gibbs or Miss Millar		
Geography is a study of environments, natural and man-made, and how people interact with the environment. This includes how people's activities affect natural environments, how natural processes affect people and how people's diverse perspectives can lead to social and environmental issues. Topics: Environment Study: The Amazon Rainforest Environment; Global Pattern: Modern-day Piracy; Geographic Research: Tongariro National Park; Skills.					
<b>Prerequisites:</b> 10 credits in at least one of Level 1 History, Geography, Social Studies or English.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	Trip costs TBC
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>8</b>	<b>8</b>	<b>16</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> University study, especially in law, urban planning, environmental management, politics and the arts.					

<b>Geography Level 3 ( GEO 13 A )</b>			<b>Teacher to see:</b> Mr Gibbs or Miss Millar		
Geography is a study of environments, natural and man-made, and how people interact with the environment. This includes how people's activities affect natural environments, how natural processes affect people and how people's diverse perspectives can lead to social and environmental issues. Topics: Global Issue: Coral Reefs; Contemporary Issue: Human Trafficking; Coastal Process: Muriwai Beach; Research and Skills.					
<b>Prerequisites:</b> 14 credits in at least one of Level 2 Classical Studies, History, Geography or English.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>11</b>	<b>8</b>	<b>19</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> University study, especially in law, urban planning, environmental management, politics and the arts.					



<b>History Level 2 ( HIS 12 A )</b>			<b>Teacher to see:</b> Mr Marshall or Mr Mulcahy		
History is the study of the past, where we will learn to think critically to work out truth from lies and bias, all the while sharpening your investigation skills. We start by learning about the complexities of Aotearoa's past and the story of Parihaka. Next, leaping forward to the 21st century, we learn about the events surrounding the September 11th terrorist attacks and how they would impact the future for both New Zealand and the world.					
<b>Prerequisites:</b> 10 credits in Level 1 History or Geography, including the external exam (or Merit in English in an English external standard)					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>9</b>	<b>23</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Students who take History are well prepared for a future career in the arts. Possible career opportunities include: lawyer, politician, museum or art gallery curator, teacher or journalist.					

<b>History Level 3 ( HIS 13 A )</b>			<b>Teacher to see:</b> Miss Gardyne or Mr Marshall		
This course aims to equip students with higher level critical thinking skills. It is a study of the dramatic events which lead to nation building and change, and the positive and negative effects on a national and global scale. It examines how people's lives were affected in the process. Possible topics may include: A frontier of Chaos – New Zealand in the early contact period; Cambodia under the Khmer Rouge.					
<b>Prerequisites:</b> 14 credits in Level 2 History, Geography or Classical Studies (including an external exam standard) or 14 credits in level 2 English (including an English external exam achieved at Merit or above).					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>15</b>	<b>6</b>	<b>21</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Studying History at secondary school sets students up for further studies in the arts. History graduates often go on to careers as lawyers, teachers, journalists, politicians, as well as gallery and museum curators.					

<b>Media Studies Level 2 ( MED 12 A )</b>			<b>Teacher to see:</b> Ms Thorburn		
Media Studies encourages students to analyse and unpack the media-saturated world we live in. It is a dynamic subject that contains a mixture of creative practical work and media/film theory. Students have the opportunity to develop their filmmaking skills by planning, shooting, and editing a short documentary. At Level 2, we explore feminist film theory to analyse the representation of women in horror films. For the exam, students examine how the 'slasher' sub-genre has evolved over the decades.					
<b>Prerequisites:</b> By Curriculum Leader approval.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>13</b>	<b>4</b>	<b>17</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Media Studies can lead to a range of further study options and career opportunities including jobs in: media production, screenwriting, advertising, communications, social media, journalism					

<b>Media Studies Level 3 ( MED 13 A )</b>			<b>Teacher to see:</b> Ms Thorburn		
Media Studies helps students engage critically with the media-saturated world we live in. It is a dynamic subject that contains a mixture of creative practical work and media/film theory. Students have the opportunity to refine their filmmaking skills by planning, filming, and editing a short documentary. At Level 3, students will strengthen their critical thinking and writing skills by analysing media representation of an aspect of New Zealand culture or society. For the exam, students examine the dystopian film genre and its relationship with society. This includes making connections to contemporary social issues such as inequality, resource scarcity and the climate crisis.					
<b>Prerequisites:</b> Media Studies Level 2 or by Curriculum Leader approval.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>13</b>	<b>4</b>	<b>17</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Media Studies can lead to a range of further study options and career opportunities including jobs in: media production, screenwriting, advertising, communications, social media, journalism.					

Pacific Studies Level 2 ( PAC 12 U )			Teacher to see: Ms Passi		
Pacific Studies explores the history, development of and issues concerning the Pacific. Students will study, research and report on Pacific indigenous knowledge, change and development, and Pacific society. They will also get the opportunity to learn, discuss and talanoa on topics like the Mau Movement, Dawn Raids and West Papua Blackbirding. Although assessed by unit standards, students can achieve Merit or Excellence credits towards an overall year level endorsement.					
Prerequisites: By Curriculum Leader approval.					
Credits			Standards	Cost	None
Internal	External	Total	Unit Standards	Course endorsement	No
18	0	18		UE approved	No
Future possibilities: Learning and understanding the history of the Pacific will enhance your cultural awareness and give you a better opportunity to be more culturally responsive. The subject themes can be studied at university and will help with any work sector students may wish to pursue.					

Pacific Studies Level 3 ( PAC 13 U )			Teacher to see: Ms Passi		
Pacific Studies explores the history, development of and issues concerning the Pacific. Students will study, research and report on Pacific indigenous knowledge, change and development, and Pacific society. They will also get the opportunity to learn, discuss and talanoa on topics like the Fiji relations, annexation of Hawaii, Mau Movement, Dawn Raids, colonisation and climate change. Although assessed by unit standards, students can achieve Merit or Excellence credits towards an overall year level endorsement.					
Prerequisites: By Curriculum Leader approval.					
Credits			Standards	Cost	None
Internal	External	Total	Unit Standards	Course endorsement	No
21	0	21		UE approved	No
Future possibilities: Learning and understanding the history of the Pacific, will enhance your cultural awareness and give you a better opportunity to be more culturally responsive. The subject themes can be studied at university and will help with any work sector or tertiary studies students may wish to pursue.					

Social Studies Level 2 ( SOS 12 A ) ( NEW COURSE in 2025 )			Teacher to see: Mr Gibbs or Mr Mulcahy		
In Year 12 Social Studies, students will expand their critical thinking and research skills by exploring a range of social, political and human rights issues. They will learn about different perspectives and conduct a social inquiry. Students learn how to take part in society as informed, critical and active citizens, and will participate in their own social action. This course is suited to those who are passionate about social justice and making a difference in society.					
Prerequisites: 10 credits in Level 1 or by Curriculum Leader approval.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards	Course endorsement	Yes
14	4	18		UE approved	Yes
Future possibilities: Social worker, lawyer, politician, policy advisor, journalist, writer, analyst, researcher, advocate, diplomat.					

## LANGUAGES

AP Languages - Advanced Placement for Languages (Various Level 2/3 courses)			Teacher to see: Ms Jarbeau		
Do you speak another language? Have you learned another language outside school? Your life experience and language skills could help you earn credits at Level 2, Level 3 or Scholarship. If you have knowledge of Chinese, French, German, Japanese, Korean, Spanish or Tongan, you could qualify for this programme.					
Prerequisites: Approval from Languages Curriculum Leader.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards	Course endorsement	Yes
14	10	24		UE approved	Yes
Future possibilities: Being able to speak another language is a sought after skill for many careers and employees are highly valued. Industries that learning languages support include law, medicine, travel and tourism, government and international aid agencies.					

<b>Chinese Level 2 ( CHI 12 A )</b>			<b>Teacher to see:</b> Miss Storer		
Level 2 Chinese is designed for students who have previously studied Chinese (Mandarin). We will train students in all four skills (listening, speaking, reading, and writing), as well as developing their cultural knowledge and awareness. Students will look at daily life in China, learn how to plan a travel itinerary, ask for advice from locals in real-life scenarios, and express and justify their personal opinions in a variety of everyday situations in Chinese (Mandarin)					
<b>Prerequisites:</b> Level 1 Chinese or Curriculum Leader approval.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>10</b>	<b>24</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Learning Chinese will enhance your career options and employment prospects. Multilingual people are highly sought after in many industries and businesses.					

<b>Chinese Level 3 ( CHI 13 A )</b>			<b>Teacher to see:</b> Miss Storer		
Level 3 Chinese is designed for students who have previously studied Chinese (Mandarin). Students will further develop their listening, speaking, reading, and writing skills through exploring Chinese culture and society. They will build on previous studies of Chinese with an emphasis on developing independent skills to operate confidently in a Chinese-speaking environment. Our focus within the four skills will be to compare cities in Aotearoa and China, plan an event to promote Chinese in the school community, and learn how to format a formal piece of Chinese writing throughout a variety of everyday situations.					
<b>Prerequisites:</b> Level 2 Chinese or Curriculum Leader approval.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>10</b>	<b>24</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Learning Chinese will enhance your career options and employment prospects. Multilingual people are highly sought after in many industries and businesses.					

<b>French Level 2 ( FRE 12 A )</b>			<b>Teacher to see:</b> Ms Jarbeau		
This course develops students' ability to communicate in various situations in French. The focus is building a more in-depth knowledge of French and expressing personal opinions. Topics include film, tourism, talking about important events and memories as well as food and French culture. Students have the opportunity to participate in activities such as the French Film Festival and other cultural activities of their choice.					
<b>Prerequisites:</b> A junior French course or by subject teacher approval.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>10</b>	<b>24</b>		<b>UE approved</b>	Not applicable

<b>Sāmoan Level 2 ( SAM 12 A )</b>			<b>Teacher to see:</b> Mrs Tausā		
This is an academic course with a pathway to the university approved Level 3 Sāmoan course. This Course follows on from Level 1 Sāmoan, in which sentences that are more complex will be the focus. Exposure to reading materials and spoken texts such as conversations, speeches and producing a writing portfolio.					
<b>Prerequisites:</b> Successfully endorsed in NCEA Level 1 Sāmoan or by prior discretionary approval from Mrs Tausā.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>10</b>	<b>24</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> The Sāmoan Language is the second most spoken language in NZ. Most favourable and sought out language skills needed in the government, medical, law, immigration and education sectors.					

<b>Sāmoan Level 3 ( SAM 13 A )</b>			<b>Teacher to see:</b> Mrs Tausā		
This is an academic course with a University Entrance focus. This course builds on the knowledge and skills gained in Level 2 Sāmoan. Study includes advanced conversations and writing techniques, researching cultural traditions and history. An opportunity to enter the NZQA Sāmoan scholarship examination will be offered to the more advanced students.					
<b>Prerequisites:</b> Successfully endorsed in NCEA Level 2 Sāmoan or by prior discretionary approval from Mrs Tausā.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>10</b>	<b>24</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> The Sāmoan Language is the second most spoken language in NZ. Most favourable and sought out language skills needed in the government, medical, law, immigration and education sectors.					

## MATHEMATICS

<b>Mathematics for Services Academy Level 2 ( MSV 12 A )</b>			<b>Teacher to see:</b> Mrs Duvenage		
This is a course with a mix of mathematics and statistics internal standards. For students from the Services Academy.					
<b>Prerequisites:</b> None					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	No
<b>15</b>	<b>0</b>	<b>15</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> This course can lead to the general mathematics course at Level 3. This course makes allowances for absences due to Service Academy camps and trips. Future career possibilities include: education (pre-school, primary), trades, manufacturing, mechanical engineering, hospitality, retail and tourism, sports, armed forces and police.					

<b>Mathematics Level 2 ( MAT 12 A )</b>			<b>Teacher to see:</b> Mrs Catchpole		
This is a course with a mix of mathematics and statistics internal standards. Predominantly for students from MAT11A or MAS11A.					
<b>Prerequisites:</b> 10+ Level 1 Mathematics credits from Achievement Standards.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	No
<b>15</b>	<b>0</b>	<b>15</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> This course can lead to general mathematics at Level 3. This course is suitable for students in any of the academies. Future career possibilities include: education (pre-school, primary), trades, manufacturing, mechanical engineering, hospitality, retail and tourism, sports, armed forces and police.					

<b>Mathematics Applications Level 2 ( MAP 12 A )</b>			<b>Teacher to see:</b> Mrs Duvenage or Mrs Catchpole		
A course containing internal Level 2 Achievement Standards. Allowing students to gain up to 14 Level 2 Mathematics credits. Also suitable for students who are looking to gain the 10 required NCEA Numeracy credits if incomplete from Year 11.					
<b>Prerequisites:</b> Less than 10 Level 1 Maths credits and/or no Level 1 Numeracy.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	No
<b>13</b>	<b>0</b>	<b>13</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> There is a possibility this course can lead to MAT13A in Year 13. Future career possibilities include: trades, mechanical engineering, manufacturing, hospitality, retail and tourism, armed forces and police, sports, agriculture and horticulture.					

<b>Mathematics Level 3 ( MAT 13 A )</b>			<b>Teacher to see:</b> Mrs Maxlow or Mrs Catchpole		
A slower paced internal Level 3 Mathematics and Statistics course. Students will study a mixture of Level 3 mathematics and statistics standards covering a broad range of ideas.					
<b>Prerequisites:</b> 10+ credits from MAT12A or MAS12A.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	No
16	0	16		<b>UE approved</b>	Yes
<b>Future possibilities:</b> A good introduction to some higher level mathematics including research based statistical investigations. Education (pre-school, primary), trades, mechanical engineering, manufacturing, hospitality, retail and tourism, armed forces and police.					

<b>Mathematics with Calculus Level 2 ( MAC 12 A )</b>			<b>Teacher to see:</b> Mrs Catchpole		
Mathematics with Calculus is a course aimed at students who would like to study calculus at Level 3. This is a highly algebraic course. Students are expected to work towards a Merit or Excellence endorsement. It is strongly advised that students purchase a graphics calculator for this course.					
<b>Prerequisites:</b> Merit+ in the Level 1 internal AS1.2 and external AS1.4					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
9	9	18		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> This course leads to Mathematics with Calculus and/or Mathematics with Statistics at Level 3. Future career possibilities include: engineering (civil, chemical, structural), architecture, education (secondary), trades, armed forces and police, medicine, science (physicist), financial analyst, computer programmer (system design).					

<b>Mathematics with Calculus Level 3 ( MAC 13 A )</b>			<b>Teacher to see:</b> Mrs Maxlow or Mrs Catchpole		
A highly academic course. Students will be expected to be aiming for achievement at Merit and Excellence level. Students will need to possess strong algebra skills for successful completion of the course. It is strongly advised that students purchase a graphics calculator for this course.					
<b>Prerequisites:</b> Merit+ in 2.6 Algebra and 2.7 Calculus externals from the MAC12A course.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
4	17	21		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Future career possibilities include: engineering (civil, chemical, structural), architecture, education (secondary), trades, armed forces and police, medicine, science (physicist), financial analyst, computer programmer (system design)					

<b>Mathematics with Statistics Level 2 ( MAS 12 A )</b>			<b>Teacher to see:</b> Mrs Catchpole or Mrs Maxlow		
Mathematics with Statistics is a course aimed at students who would like to take Statistics or Mathematics at Level 3. There is a combination of Maths and Statistics standards. Students are expected to work towards a Merit or Excellence endorsement. It is strongly advised that students purchase a graphics calculator for this course.					
<b>Prerequisites:</b> Merit+ in 1.1 and 1.3 or 10+ credits from MAC11A.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
15	4	19		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> This course is suitable for students wanting to take Level 3 Statistics. Future career possibilities include: education, medicine, sports science, health-care and social work, media, law, accounting, scientific research, retail, tourism and banking.					

<b>Mathematics with Statistics Level 3 ( MAS 13 A )</b>			<b>Teacher to see:</b> Mrs Maxlow or Mrs Catchpole		
A highly academic course containing statistics and probability standards. Students will be expected to be aiming for achievement at Merit and Excellence level. Students will need to possess strong statistical insight for successful completion of the course. It is strongly advised that students purchase a graphics calculator for this course.					
<b>Prerequisites:</b> Merit+ in the 2.12 probability external or from MAC12A or MAC13A.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>12</b>	<b>8</b>	<b>20</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> This course is helpful for any students intending to study at tertiary level. Future career possibilities include: education, medicine, health-care and social work, media, law, accounting, sports science, scientific research, retail and tourism, data scientist (statistician) and banking.					

## PERFORMING ARTS

<b>Dance Level 2 ( DAN 12 A )</b>			<b>Teacher to see:</b> Whaea Kate Bartlett		
A predominantly practical course. Students will be required to learn new dance techniques, perform in front of a live audience and refine their choreographic skills.					
<b>Prerequisites:</b> Level 1 Dance or by approval of the Curriculum Leader.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>16</b>	<b>4</b>	<b>20</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> The skills learnt in Dance would contribute to the career pathways of: dance teacher, company choreographer, dance therapist, dance lecturer(tertiary), event producer,arts administration. Transferable Skills: creative thinking, analysing and discussing, and collaboration.					

<b>Dance Level 3 ( DAN 13 A )</b>			<b>Teacher to see:</b> Whaea Kate Bartlett		
This is an advanced course. Students will perform a repertoire of dance, explore meaningful ideas in their choreographic practice and will be required to perform live often throughout the school year.					
<b>Prerequisites:</b> Level 2 Dance or by approval of the Curriculum Leader.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>18</b>	<b>4</b>	<b>22</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> The skills learnt in Dance would contribute to the career pathways of: dance Teacher, Company Choreographer, Dance Therapist, Dance Lecturer(Tertiary), Event Producer,Arts Administration. Transferable Skills: Creative thinking, analysing and discussing and collaboration.					

<b>Drama Level 2 ( DRA 12 A )</b>			<b>Teacher to see:</b> Miss Foulds		
Level 2 Drama is broken up into three live performances and an exam. The performance assessments include a full class production, devising an original piece of theatre and performing/directing a scene from a script. You will develop performance skills and confidence, as well as learn about theatre history and theory.					
<b>Prerequisites:</b> DRA101 or by approval of the Curriculum Leader.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>4</b>	<b>18</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Drama develops confidence and communication skills which are necessary for many careers; police, doctor, sales, teaching, management, lawyer, performing artist, retail, hospitality... and many more!					



<b>Drama Level 3 ( DRA 13 A )</b>			<b>Teacher to see:</b> Miss Foulds		
Level 3 Drama is a fun but challenging course that focuses on a mixture of performance skills and theatre theory. Highlights include devising an original piece of theatre, performing scripted scenes and being part of a full class production. The option to do the NZQA Drama scholarship exam is also available to dedicated students who are willing to put in the effort.					
<b>Prerequisites:</b> Level 2 Drama or by approval of the Curriculum Leader.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	Nil
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>4</b>	<b>18</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Drama develops confidence and communication skills which are necessary for many careers such as police, doctor, sales, teaching, management, lawyer, performing artist, retail, and hospitality.					

<b>Music Level 2 ( MUS 12 A )</b>			<b>Teacher to see:</b> Mr Nightingale		
This course consolidates musical knowledge from the previous year. Students will develop new practical and theoretical skills that will equip them with the necessary skills to continue study in music at Level 3. Specifically, these skills are (i) aural (ii) theory (iii) composition (iv) performance. Students will also study various conventions of music.					
<b>Prerequisites:</b> Level 1 Music.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>8</b>	<b>22</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> The course leads to Level 3 Music with all skills transferable from levels 2 to 3.					

<b>Music Level 3 ( MUS 13 A )</b>			<b>Teacher to see:</b> Mr Nightingale		
Level 3 Music is a university approved course. It consolidates knowledge acquired from Level 2 Music including (i) performance skills , (ii) developing knowledge and understanding of music conventions, (iii) aural awareness and application to standards offered such as composition, arranging and songwriting. This course will allow you to smoothly transition into studying music at a tertiary level.					
<b>Prerequisites:</b> Level 2 Music.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>8</b>	<b>22</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> This course leads to any tertiary music course either at university or other tertiary provider such as Unitec or SAE Creative Media Institute.					

## SCIENCE

<b>Biology Level 2 ( BIO 12 AX )</b>			<b>Teacher to see:</b> Mr Grace		
This course gives an introduction into different aspects of biology, from DNA to ecosystems. Students learn investigative skills while studying the growth of different food crops. Topics include genetic variation and change, gene expression, animal adaptations and biological investigations.					
<b>Prerequisites:</b> Success in any Level 1 Science course. Final approval by the Curriculum Leader.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>10</b>	<b>8</b>	<b>18</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Related careers include conservation, health sciences, molecular science. Transferable skills include essay writing, data collection and interpretation, analysing, investigating and collecting information.					

<b>Biology Level 2 ( BIO 12 A )</b>			<b>Teacher to see: Mr Grace</b>		
This course is designed as an introduction to different aspects of biology and leads onto the Level 3 Biology course. It has more internal assessments and has an emphasis on practical and investigative skills. Topics include microscopes, landscapes, genetic variation and animal adaptations.					
<b>Prerequisites:</b> Consultation with your Level 1 Science teacher (with final approval by the Curriculum Leader)					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>17</b>	<b>4 optional</b>	<b>17 (21)</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Related careers include laboratory technician, health sciences, animal health, conservation. Transferable skills include essay writing, data collection, investigation and collecting information.					

<b>Biology Level 3 ( BIO 13 AX )</b>			<b>Teacher to see: Mr Grace</b>		
This course follows on from Level 2 Biology and looks at a range of topics in more depth. There is a high literacy demand in this course. Topics include how genetic variation leads to the formation of a new species, researching a socio-scientific issue such as the use of 1080 in New Zealand, human evolution and how animals control their temperature (homeostasis)					
<b>Prerequisites:</b> Achieved in Level 2 Biology.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>10</b>	<b>9</b>	<b>19</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Transferable skills include essay writing, researching, data collection and interpretation, collecting information and analysing. Related careers include: conservation, medical sciences, molecular biology, genetics, veterinarian.					

<b>Biology Level 3 ( BIO 13 AU )</b>			<b>Teacher to see: Mr Grace</b>		
This course is designed for students who need a science to enable them to enter into tertiary courses. Topics include: human physiology, human evolution, practical investigation and research. This course requires all Achievement Standards to be passed in order to be UE approved.					
<b>Prerequisites:</b> Entry is determined on a case by case basis in consultation with your Level 2 science teacher.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards, Unit Standards	<b>Course endorsement</b>	Yes
<b>16</b>	<b>4</b>	<b>20</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Transferable skills include essay writing, researching, investigating, collecting and analysing data. Related careers include health, science professions and trades.					

<b>Chemistry Level 2 ( CHE 12 AX )</b>			<b>Teacher to see: Ms Regan</b>		
This course contains standards on many of the main topics in Chemistry which are studied through to university. It is for a science student who wishes to pursue a career in which Chemistry is a part.					
<b>Prerequisites:</b> Success in any Science course. Preferably passed the Chemical Reactions assessment.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>10</b>	<b>9</b>	<b>19</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> This course leads on to Level 3 Chemistry. The practical skill of titrating is useful in laboratory work.					

<b>Chemistry Level 2 ( CHE 12 A )</b>			<b>Teacher to see:</b> Ms Regan		
This course is for students who will need some chemistry to support their tertiary learning or apprenticeship. Topics include investigations, oxidation-reduction and bonding.					
<b>Prerequisites:</b> Science Level 1					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>9</b>	<b>5</b>	<b>14</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Many of the practical skills learnt in this course will be helpful in jobs out in the real world such as titrating and the identification of ions.					

<b>Chemistry Level 3 ( CHE 13 AX )</b>			<b>Teacher to see:</b> Ms Regan		
This course leads directly into first year chemistry at university. The topics covered are the same as in Level 2 Chemistry but with greater depth of knowledge.					
<b>Prerequisites:</b> Chemistry 12AX with two externals passed. Must have attempted the Level 2 organics and thermochemical principles exam papers.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>9</b>	<b>10</b>	<b>19</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> This leads into future studies at university for science, health sciences and engineering.					

<b>Chemistry Level 3 ( CHE 13 A )</b>			<b>Teacher to see:</b> Ms Regan		
This course is university approved but is more internal based with just one external. Topics include chemical processes around the world and oxidation/reduction.					
<b>Prerequisites:</b> CHE12A or CHE12AX. Must have attempted one external, preferably thermochemical principles.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>9</b>	<b>5</b>	<b>14</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> This course will enable students to take chemistry at a tertiary level.					

<b>Science Level 2 ( SCI 12 A ) (NEW COURSE in 2025)</b>			<b>Teacher to see:</b> Mr Snitch		
This course is for students who have an interest in continuing studying science at Level 2, but are not interested in the single subject science courses. It is suitable for students who are confident in their literacy skills, as there are high literacy demands for some standards. The course can draw standards from Physics, Chemistry, Biology, and the Earth and Space Science fields.					
<b>Prerequisites:</b> Good literacy skills. This course is not suitable for learners in a single science course. Curriculum Leader discretion.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	No
<b>14+ tbc</b>	<b>0</b>	<b>14+</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Leads into the Level 3 general science course. Can lead to university study.					

<b>Physics Level 2 ( PHY 12 AX )</b>			<b>Teacher to see: Mrs Holloway</b>		
In this course students study mechanics, electricity and magnetism and nuclear physics. Students also carry out a practical investigation, demonstrating their understanding of variables, data manipulation and graphing.					
<b>Prerequisites:</b> Entry is determined on a case-by-case basis in consultation with your Level 1 science teacher.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>7</b>	<b>12</b>	<b>19</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Possible careers: engineering, medicine, dentistry, veterinary science, research, teaching. Transferable skills: ability to collect and assess data, critical thinking, calculations.					

<b>Physics Level 2 ( PHY 12 A )</b>			<b>Teacher to see: Mrs Holloway</b>		
This level 2 physics course includes only one external assessment on electricity and magnetism. The rest of the course is made up of internally assessed standards in which students will study atomic and nuclear physics, carry out a physics investigation, and research a real world application of physics concepts. There is a time-dependent Level 3 Earth and Space Science standard available as part of this course.					
<b>Prerequisites:</b> Entry is determined on a case-by-case basis and consultation with your science teacher. This course is appropriate for students who are part of vocational academies.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>14</b>	<b>6</b>	<b>20</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Possible careers: engineering, building, electrician, plumber and most other trades. Transferable skills: ability to collect and assess data, critical thinking, calculations.					

<b>Physics Level 3 ( PHY 13 AX )</b>			<b>Teacher to see: Mrs Holloway</b>		
This is a highly academic course and studies mechanics (translational, rotational and simple harmonic motion), waves, modern physics and electrical systems (DC and AC circuits). This course is most suitable for students hoping to gain entry to engineering or physics courses at the university.					
<b>Prerequisites:</b> Entry is done on a case-by-case basis and consultation with your physics teacher. This will include success in the external exams for Level 2 Physics.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>7</b>	<b>16</b>	<b>23</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Possible careers: engineering, auto mechanic, building, electrician, plumber and most other trades. Transferable skills: ability to collect and assess data, critical thinking, calculations.					

<b>Physics Level 3 ( PHY 13 A )</b>			<b>Teacher to see: Mrs Holloway</b>		
This course is designed for those students who are not intending to take physics or engineering at university. Students study content on waves and modern physics. This course is suitable for students who are part of vocational academies and gives the opportunity to earn 14+ credits including an external assessment. The external is essential to have Physics count as one of your University Entrance subjects. However, there is the possibility to complete a Level 3 Earth and Space Science internal assessment, which allows learners to gain Science as a UE subject.					
<b>Prerequisites:</b> Entry on a case by case basis. This can follow on from Physics 12A or Physics 12AX. This course could also be suitable for students who are strong in maths, have good literacy skills, and are interested in physics.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>13 (+4)</b>	<b>4</b>	<b>17 (21)</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Possible career: engineering, auto mechanic, building, electrician, plumber and most other trades. Transferable skills: ability to collect and assess data, critical thinking, calculations.					

<b>Vocational Science Level 2 ( SCV 12 A )</b>			<b>Teacher to see: Mr Snitch</b>		
This is a science course for students for whom science is a requirement for future training. Students will cover topics such as learning how to use a microscope, investigating plant growth and investigating an Earth and space issue. This course is assessed entirely internally.					
<b>Prerequisites:</b> Most students in the Service Academy take this course. Approval by Mr Snitch.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	No
<b>14</b>	<b>0</b>	<b>14</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> A number of careers in the trades require science to be taken at school.					

## TE REO MĀORI

<b>Te Reo Māori Level 2 ( TRM 12 A )</b>			<b>Pouako: Whaea Pearl Snowden</b>		
Students will learn advanced written and communicative skills in Te Reo Māori. They will learn advanced communication skills about past, immediate and future activities. The programme aims to balance academic and practical learning, and consists of the writing, speaking, listening and reading skills of Te Reo Māori.					
<b>Prerequisites:</b> NCEA Level 1 Te Reo Māori 10 Literacy 10 Numeracy credits. NCEA Level 1 Te Reo Māori 18-24 credits = 3 Internal 1 External Exam Pānui or Tuhituhi.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>12</b>	<b>6</b>	<b>18</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Airlines, Biosecurity Officer, Flight Attendant, Policy Analyst, Surveyor, Consultant, Teacher.					

<b>Te Reo Māori Level 3 ( TRM 13 A )</b>			<b>Pouako: Whaea Pearl Snowden</b>		
Students will learn extensive written and communicative skills in Te Reo Māori. They will learn to communicate extensively about past, immediate, and future activities. The program aims to balance academic and practical learning and consists of the writing, speaking, listening, and reading skills of Te Reo Māori.					
<b>Prerequisites:</b> NCEA Level 2 Te Reo Māori 18-22 credits = 3 Internal 1 External Exam Pānui or Tuhituhi.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>12</b>	<b>6</b>	<b>18</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Conferencing and events, conservation officer, curator, economist, environmental consultant, ferries and cruise ships, flight attendants (cabin crew), teacher, tour guides, tourism operators, transport planners, and travel agencies.					

<b>Te Reo Rangatira Level 2 ( TRR 12 A )</b>			<b>Pouako: Whaea Pearl Snowden</b>		
Ka ako ngā ākongā i ngā pūkenga whānui i roto i ngā pūkenga tuhi me ngā pūkenga whakawhiti kōrero o roto i Te Reo Māori. Ka ako rātou i te whakawhiti kōrero mo ngā mahi o mua, o mea ake nei. Ko te whaingā o te kaupapa ki te kawē i te taurite i waenga i ngā akoranga mātauranga me ngā mahi ako, me ngā pūkenga Tuhituhi, Kōrero, Whakarongo me te Pānui i Te Reo Māori.					
<b>Akoranga Tōmua: NCEA Taumata 1 Te Reo Rangatira, whakamana Kaiaka / Kairangi rānei.</b>					
<b>Mātauranga whānui</b>			<b>Paerewa</b>	<b>Utu</b>	Kore
<b>Ā-roto</b>	<b>Ā-waho</b>	<b>Tapeke</b>	Paerewa Aromatawai	<b>Whakamana Whakamihi</b>	Āe
<b>16</b>	<b>6</b>	<b>22</b>		<b>UE approved</b>	Āe
Ngā mea ka taea: Huihuinga me ngā huihuinga, Āpiha Tiaki, Kaitiaki, Tohunga Ohaoha, Tohunga mo te Taiāo, Waka me ngā Kaipuke Teretere, He Kaiāwhina waka, He Tohunga Hoahoa Whenua, He Kaiako, He Kaiārahi Haerenga, He Kaiwhakahaere Tūruhi, He Māhere waka, He Tari Haere.					

<b>Te Reo Rangatira Level 3 (TRR 13 A) NEW COURSE</b>			<b>Pouako:</b> Whaea Pearl Snowden		
Ka ako ngā ākongā i ngā pūkenga whānui i roto i ngā pūkenga tuhi me ngā pūkenga whakawhiti kōrero o roto i Te Reo Māori. Ka ako rātou i te whakawhiti kōrero mo ngā mahi o mua, o mea ake nei. Ko te whaingā o te kaupapa ki te kawē i te taurite i waenga i ngā akoranga mātauranga me ngā mahi ako, me ngā pūkenga Tuhituhi, Kōrero, Whakarongo me te Pānui i Te Reo Māori.					
<b>Akoranga Tōmua:</b> NCEA Taumata 2 Te Reo Rangatira, whakamana Kaiaka / Kairangi rānei.					
<b>Mātauranga whānui</b>			<b>Paerewa</b>	<b>Utu</b>	Kore
<b>Ā-roto</b>	<b>Ā-waho</b>	<b>Tapeke</b>	Paerewa Aromatawai	<b>Whakamana Whakamihi</b>	Āe
<b>16</b>	<b>4</b>	<b>20</b>		<b>UE approved</b>	Āe
Ngā mea ka taea: Huihuinga me ngā huihuinga, Āpiha Tiaki, Kaitiaki, Tohunga Ohaoha, Tohunga mo te Taiāo, Waka me ngā Kaipuke Teretere, He Kaiāwhina waka, He Tohunga Hoahoa Whenua, He Kaiako, He Kaiārahi Haerenga, He Kaiwhakahaere Tūruhi, He Māhere waka, He Tari Haere.					

## TECHNOLOGY

<b>Design and Visual Communication Level 2 ( DVC 12 A )</b>			<b>Teacher to see:</b> Mrs Hine, Ms Stockford or Mr Course		
Students build on their knowledge from Level 1 to create design solutions for architectural, spatial design and product design contexts. Students explore their own design style and develop their ability to accurately communicate their ideas visually through freehand sketching, instrumental drawing including CAD and modelling.					
<b>Prerequisites:</b> Level 1 DVC and Curriculum Leader discretion.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	\$20 specialist drawing equipment and supplies.
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>15</b>	<b>3</b>	<b>18</b>		<b>UE approved</b>	N/A
<b>Future possibilities:</b> Creative design industries particularly architecture and interior, landscape and spatial design.					

<b>Design and Visual Communication Level 3 ( DVC 13 A )</b>			<b>Teacher to see:</b> Mrs Hine, Ms Stockford or Mr Course		
This course establishes students as independent designers, developing their own individualised architectural or product design solution. Students will develop sophisticated visual communication techniques to present their ideas in both freehand drawing methods accurately and utilising CAD including, Techsoft, Sketchup and Adobe Creative Suite. In this course, students have the opportunity to submit work for a New Zealand Scholarship award.					
<b>Prerequisites:</b> Level 2 DVC or at the discretion of the Curriculum Leader.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	\$30 specialist drawing equipment
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>16</b>	<b>3</b>	<b>19</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Creative design industries particularly architecture, interior, landscape, spatial design along with product design career pathways.					

<b>Digital Technology Level 2 ( DGT 12 A )</b>			<b>Teacher to see:</b> Mr Semmons		
The first half of this course is focussed on students learning how to apply creative digital media concepts. This includes Adobe Photoshop and Illustrator, design conventions and website development skills. Students will then learn how to manage data on Microsoft Access and SQL (structured query language). For the final standard, they will further develop their programming skills.					
<b>Prerequisites:</b> Preferable to have Achieved DGT101. Students with a passion for digital technology who have not taken Level 1 Digital Technology may take the course with Curriculum Leader permission.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>16</b>	<b>3</b>	<b>19</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> A wide variety of careers or study options within the area of computer science and game design and development.					



<b>Digital Technology Level 3 ( DGT 13 A )</b>			<b>Teacher to see: Mr Semmons</b>		
The first half of this course is focussed on further developing their creative digital media skills. This includes Adobe Photoshop and Illustrator, design conventions and website development skills. Students will need to show complex techniques and improvements from their previous digital outcomes. They will learn new skills in data management and programming. In this course, students have the opportunity to submit work for a New Zealand Scholarship award.					
<b>Prerequisites:</b> Achieved of Level 2 Digital Technologies is strongly recommended. Students who have not taken the subject previously at senior school will require Curriculum Leader approval.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>16</b>	<b>3</b>	<b>19</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> This course is essential for those students wishing to study computer science at university. It is also valuable for students interested in pursuing higher studies in other areas such as engineering and science.					

<b>Engineering Technology Level 2 ( EGT 12 U )</b>			<b>Teachers to see: Mr Hine</b>		
This course is an advancement of skills from Level 1 Engineering. Students will develop higher level practical solutions in the workshop by making a range of engineered projects. These advanced skills are developed using engineering processes with workshop tools and equipment. Assessments include finished engineered products with a written component evidencing knowledge gained.					
<b>Prerequisites:</b> Students should have passed Level 1 Engineering or at Curriculum Leader discretion.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	\$60 for materials used for take home projects.
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>20</b>	<b>0</b>	<b>20</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Any mechanical engineering industry, general engineering, fitting turning and tool making, marine engineering and fabrication, accuracy and precision in manufacturing.					

<b>Engineering Technology Level 3 ( EGT 13 U )</b>			<b>Teacher to see: Mr Hine</b>		
This course is for students who wish to complete further engineering skills and develop high level practical solutions by making a range of engineering projects using advanced machinery and processes. This is a unit standard based course where assessment is both through the practical outcome and paperwork that shows evidence of accuracy, precision, engineering knowledge and understanding.					
<b>Prerequisites:</b> Students should have passed Level 2 Engineering or at Curriculum Leader discretion.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	\$60 material costs for take home projects (further costs could be added for large projects)
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>20</b>	<b>0</b>	<b>20</b>		<b>UE approved</b>	No

<b>Furniture Production Technology Level 2 ( FPT 12 U )</b>			<b>Teacher to see: Mr Perillo or Mr Hine</b>		
At Level 2, students will continue to develop practical solutions in our wood workshops by learning a range of skills that are transferable between furniture making and carpentry. Students will learn to use a range of tools and modern machinery, as well as traditional woodworking methods to create practical outcomes. Students will expand their skills and knowledge when working with different types of timber and will explore a variety of marking out, cutting and assembly skills. Unit Standards will be completed over the course of the year.					
<b>Prerequisites:</b> Passed Level 1 Furniture Production Technology or Curriculum Leader discretion.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	\$60 material costs for take home projects (further costs could apply for large projects)
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>17</b>	<b>0</b>	<b>17</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Any building and construction career, cabinet making, furniture making.					

<b>Hospitality Level 2 ( HOS 12 U )</b>			<b>Teacher to see: Ms Prakash</b>		
This is a practical, hospitality industry course with standards in cookery and front of house service recognised by Service IQ / Te Pūkenga. Students are expected to work at a high level with greater accuracy. Commercial equipment is used to prepare café quality dishes. Students have the opportunity to gain credits in the application of barista skills through the school Hot Shotz Café.					
<b>Prerequisites:</b> Preference given to students who have completed hospitality or food technology studies at Level 1.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>19</b>	<b>0</b>	<b>19</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Careers in the hospitality industry in businesses such as cafes, restaurants and bars in front-of-house. Further study to gain chef qualifications. Careers in tourism.					

<b>Mixed Materials Technology Level 2 ( MXT 12 A )</b>			<b>Teacher to see: Mr Course</b>		
This course continues to expand on the product design process by developing skills and awareness in existing product research, sustainable design, and a variety of processing technologies. Using these skills, students create a materials and processing technology outcome using a range of mixed materials, such as wood, plastic, and metal. Students will use a combination of practical workshop skills and computer aided design to complete their projects.					
<b>Prerequisites:</b> It would be an advantage for students to have studied Level 1 Mixed Materials, DVC or Textiles. Curriculum Leader discretion.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	\$30 for materials used in take home projects
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>16</b>	<b>4</b>	<b>20</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Product/industrial design, fashion design, jewellery and accessory design.					

<b>Mixed Materials Technology Level 3 ( MXT 13 A )</b>			<b>Teacher to see: Mr Course</b>		
This course follows the product design process. Students will be focusing on the key skills of this process including: awareness in existing product research, sustainable design, and a variety of processing technologies. Using these skills students create a materials and processing technology outcome using a range of mixed materials, such as wood, plastic, and metal. Students will use a combination of practical workshop skills and computer aided design to complete their projects. In this course, students have the opportunity to submit work for a New Zealand Scholarship award.					
<b>Prerequisites:</b> It would be an advantage for students to have studied Level 2 Mixed Materials, DVC or Textiles. Curriculum Leader discretion.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	\$30 towards materials for take home products
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>16</b>	<b>0</b>	<b>16</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Any product or industrial design career or university course, interior designer, furniture design, textile design, fashion/jewellery/accessory design, computer aided design and manufacturing careers.					

<b>Textiles Technology Level 2 ( TXT 12 A )</b>			<b>Teacher to see: Ms Brown-Hawke</b>		
This course offers the opportunity for students to design, develop and construct a textile product that addresses an issue. Students will gain practical sewing and textile construction skills by investigating traditional and contemporary materials and techniques to solve authentic problems sustainably.					
<b>Prerequisites:</b> It would be an advantage for students to have studied Level 1 Textiles Technology. Curriculum Leader discretion.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	\$30 towards materials for take home products
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>16</b>	<b>0</b>	<b>16</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Any product or industrial design career or university course, interior designer, furniture design, textile design, fashion/jewellery/accessory design, computer aided design and manufacturing careers.					

<b>Textiles Technology Level 3 ( TXT 13 A )</b>			<b>Teacher to see:</b> Ms Brown-Hawke		
This course offers the opportunity for students to design, develop and construct a textile product that addresses an issue or opportunity of their choice. Students will gain advanced practical sewing and textile construction skills by investigating traditional and contemporary materials and techniques to solve authentic problems sustainably. In this course, students have the opportunity to submit work for a New Zealand Scholarship award.					
<b>Prerequisites:</b> It would be an advantage for students to have studied Level 2 Textiles Technology. Curriculum Leader discretion.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	\$30 towards materials for take home products
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>16</b>	<b>0</b>	<b>16</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Any product or industrial design career or university course, interior designer, furniture design, textile design, fashion/jewellery/accessory design, computer aided design and manufacturing careers.					

## VISUAL ARTS

<b>Art Design Level 2 ( ARD 12 A )</b>			<b>Teacher to see:</b> Miss Petrie		
Art Design is a computer based course where students learn the skill set needed to visually communicate ideas that inspire, inform or engage others. Based on real world outcomes, students will be learning practical and digital skills while researching an individually chosen theme. Students will practise the elements of art design and illustration, as well as investigate the influence of contemporary artists, to generate a series of design works to create a portfolio as a final submission. For the year students will have full access to an Adobe licence, including Photoshop and Illustrator.					
<b>Prerequisites:</b> 16 credits in Level 1 Art or Level 1 Art Photography and Design (portfolio) plus credits in at least one internal Achievement Standard or by discretion of the Curriculum Leader. Must be confident on a computer.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>8</b>	<b>12</b>	<b>20</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Graphic designer, architect, art director/curator, media designer, advertising, ux designer, illustrator, project management. Transferable skills: written and oral communication. Analysis, logistical, organisational and collaborative skills. Image manipulation and file management. Creativity, experimentation and problem solving.					

<b>Art Design Level 3 ( ARD 13 A )</b>			<b>Teacher to see:</b> Miss Petrie		
Level 3 Art Design is a more independent digital based course where students get to develop and explore their own proposed theme. A variety of art making approaches and mediums are used to investigate creative ideas and establish resources. Students will be developing their practical knowledge and digital skills while using the influence of contemporary artists to generate a series of design works for a final three panel portfolio submission. For the year students will have full access to an Adobe licence (including Photoshop) the art rooms, computer lab and photography studio.					
<b>Prerequisites:</b> 16 credits in Level 2 Art Design (portfolio) plus credits in at least one internal Achievement Standard or by discretion of Curriculum Leader. Must be confident on a computer.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>8</b>	<b>14</b>	<b>22</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Graphic designer, architect, art director/curator, media designer, advertising, ux designer, artist, illustrator, project management. Transferable skills: written and oral communication. Analysis, logistical, organisational and collaborative skills. Image manipulation and file management. Creativity, experimentation and problem solving.					

Art Painting Level 2 ( ARP 12 A )			Teacher to see: Mr Webby		
A practical course which builds on experiences from Level 1 Art and is essential for Level 3 Painting. Students must enjoy drawing and painting as a way of recording information. They will explore practical and theoretical aspects of painting with reference to contemporary artists. Each student will work with the selected subject matter in a variety of media to develop an individual thematic and stylistic approach to art-making.					
<b>Prerequisites:</b> 16 credits in Level 1 Art or Level 1 Art Photography and Design (portfolio) plus credits in at least one internal Achievement Standard, or by discretion of the Curriculum Leader.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards	Course endorsement	Yes
8	12	20		UE approved	Not applicable
<b>Future possibilities:</b> Graphic designer, architect, art director/curator, media designer, advertising, storyboard artist. Transferable skills: written and oral communication, analysis, logistical and collaborative skills.					

Art Painting Level 3 ( ARP 13 A )			Teacher to see: Mr Webby		
An in-depth practical course in painting and drawing. This course focuses on research, development of ideas and technical skills using wet media. Students must enjoy drawing and painting as a way of recording information. In this course, students will produce a body of work based on a theme that can be tailored to their individual interests. They will research a variety of contemporary artists and explore different media, conventions and techniques in order to produce a three-panel folio board.					
<b>Prerequisites:</b> 16 credits in Level 2 Art Painting (portfolio) plus credits in at least one internal Achievement Standard, or by discretion of the Curriculum Leader.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards	Course endorsement	Yes
8	14	22		UE approved	Yes
<b>Future possibilities:</b> Related careers: graphic designer, architect, art director/curator, media designer, advertising, storyboard artist. Transferable skills: written and oral communication, analysis, logistical & collaborative skills.					

Art Photography Level 2 ( APH 12 A )			Teacher to see: Mr Satele		
Introduction to photographic art, digital camera techniques, computer manipulation and printing processes. Students will develop skills in design, dynamic composition and aesthetics. Students will use photographic artists for inspiration to develop their own photographic work. Students will be introduced to Adobe Software for editing and manipulating their images. As with all visual art subjects, the course requires substantial commitment outside the classroom.					
<b>Prerequisites:</b> 16 credits in Level 1 Art or Level 1 Art Photography and Design (portfolio) plus credits in at least one internal Achievement Standard, or by discretion of the Curriculum Leader.					
Credits			Standards	Cost	\$50 Camera Bond
Internal	External	Total	Achievement Standards	Course endorsement	Yes
8	12	20		UE approved	Not applicable
<b>Future possibilities:</b> Photographer: fine art, commercial (fashion, wedding, sport, wildlife, events, journalism) web, app, graphic designer, digital illustrator, multimedia artist, online publisher, animation artist, game designer, architect. Transferable skills: written and oral communication, analysis, logistical and collaborative skills, image manipulation and file management.					

Art Photography Level 3 ( APH 13 A )			Teacher to see: Mr Satele		
Students are encouraged to develop their own personal style and approach to the art of photography. Students will increase their awareness of contemporary photographic practices, develop sensitivity towards subject matter and advance their technical and picture making skills.					
<b>Prerequisites:</b> 16 Credits in Level 2 Art, or by discretion of the Curriculum Leader.					
Credits			Standards	Cost	\$50 Camera Bond
Internal	External	Total	Achievement Standards	Course endorsement	Yes
8	14	22		UE approved	Yes
<b>Future possibilities:</b> Photographer: fine art, commercial (fashion, wedding, sport, wildlife, events, journalism) web, app, graphic designer, digital illustrator, multimedia artist, online publisher, animation artist, game designer, architect. Transferable skills: written and oral communication, analysis, logistical and collaborative skills, image manipulation, file management.					

Art Sculpture Level 2 ( ASC 12 A )			Teacher to see: Miss Craig		
An in-depth practical course in sculpture. Each student's course is tailored to their individual interests and strengths. Contemporary artists are studied to complement and extend student performance. The focus is research, development of ideas and producing an individual body of work.					
<b>Prerequisites:</b> 16 credits in Level 1 Art or Level 1 Art Photography and Design or by discretion of the Curriculum Leader.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards	Course endorsement	Yes
8	12	20		UE approved	Not applicable
<b>Future possibilities:</b> Sculptor, fine art, commercial photographer (fashion, wedding, sport, wildlife, events, journalism) web, app, graphic designer, digital illustrator, multimedia artist, online publisher, animation artist, game designer, architect. Transferable skills: Written and oral communication, analysis, logistical & collaborative skills, image manipulation, file management.					

Art Sculpture Level 3 ( ASC 13 A )			Teacher to see: Miss Craig		
An in-depth practical course in sculpture. Each student's course is tailored to their individual interests and strengths. Contemporary artists are studied to complement and extend student performance. The focus is research, development of ideas and producing an individual body of work.					
<b>Prerequisites:</b> 16 Credits in Level 2 Art, or by discretion of the Curriculum Leader.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards	Course endorsement	Yes
8	14	22		UE approved	Yes
<b>Future possibilities:</b> Sculptor, fine art, commercial photographer (fashion, wedding, sport, wildlife, events, journalism) web, app, graphic designer, digital illustrator, multimedia artist, online publisher, animation artist, game designer, architect. Transferable skills: written and oral communication, analysis, logistical & collaborative skills, image manipulation, file management.					

Visual Art Level 3 ( ART 13 A )			Teacher to see: Miss Craig		
This is a scaffolded Level 3 practical visual arts full internal assessment course for students who do not meet the prerequisites of the other level 3 art courses. You will be working within the sculpture and photography disciplines. There is an option for the highly motivated to also be entered in the 14 credit external and scholarship but this will be on an individual basis. There is also a possibility of some English credits available on an individual basis. This course is designed for anyone to join who has an interest in art and being creative.					
<b>Prerequisites:</b> Curriculum Leader discretion.					
Credits			Standards	Cost	none
Internal	External	Total	Achievement Standards	Course endorsement	no
12	0	12		UE approved	No
<b>Future possibilities:</b> art director/curator, artist. Transferable skills: written and oral communication. Analysis, logistical, organisational and collaborative skills. Image manipulation and file management. Creativity, experimentation and problem solving.					

### VOCATIONAL PATHWAYS

Automotive Engineering Academy Level 2 ( AUT 12 U )			Teacher to see: Mr Hine		
This course allows students to make a start on pre-trade training in automotive engineering. They spend one day a week at Unitec for Terms 1, 2 and 3. Also, students spend from 2:00 pm - 6:00 pm on a Tuesday here at school in the automotive workshop. Students complete Level 2 automotive industry standards. These standards and the experience gained will prepare students well for apprenticeships or for pre-apprenticeship training at tertiary level. Endorsement available in the NZQA manufacturing and technology vocational pathway.					
<b>Prerequisites:</b> Level 1 and Level 2 Engineering. This course is by application and interview only. Application forms available from the Vocational Pathways Department.					
Credits			Standards	Cost	None
Internal	External	Total	Unit Standards	Course endorsement	No
35+	0	35+		UE approved	No
<b>Future possibilities:</b> Automotive workshop engineering, automotive electrical and electronics, automotive fuel systems and exhaust systems, automotive preventive maintenance, automotive transmission systems, engineering.					

<b>Building Academy (Carpentry) Level 2/3 ( CPA 12 U )</b>			<b>Teacher to see:</b> Mrs Lutua-Ngaeruaiti or Mr Hine		
<p>This Academy is designed to be a two year programme. It allows students to make a start on pre-trade training in building and construction at both Levels 2 and 3. Students go off site one day a week to Unitec to work in the building workshop on real life building projects.</p> <p><b>Level 2</b> - In school two option lines timetabled plus attending Unitec one day a week. Students will complete Level 2 Building, Construction and Allied Trades Industry Standards (BCATS).</p> <p><b>Level 3</b> - Each Tuesday at school, students complete a block course 2:00 pm – 6:00 pm working on real life projects. In Terms 1 and 2, students also attend Unitec one day a week working on practical projects. In Term 3, students attend an off site work placement off site one day a week for ten weeks. Students work with BCITO on Level 3 standards.</p> <p>These Standards and the experience gained will prepare students well for apprenticeships or for pre-apprenticeship training at tertiary level. Endorsement available in the NZQA manufacturing and technology vocational pathway.</p>					
<p><b>Prerequisites:</b> None.</p> <p>Students must have attained or be working towards achieving a minimum of 14 Level 2 credits in both English and maths. Physics and/or Chemistry is also recommended. This course is by application and interview only. Application forms are available from the Vocational Pathways Department.</p>					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>Up to 74 credits over two years</b>	<b>0</b>	<b>Up to 74 over two years</b>		<b>UE approved</b>	No
<p><b>Future possibilities:</b> Building, excavation, kitchen/bathroom design and build, carpentry, joinery, flooring, drafting, quantity surveying, engineering, installing heating, ventilation, air conditioning, plumbing, gas fitting, drain laying, roofing, tiling, glazing, painting, plastering, electrical. Transferable skills: hands on skills required for work in the construction industry.</p>					

<b>Engineering Academy Level 2/3 ( EGA 12 U )</b>			<b>Teacher to see:</b> Mrs Lutua-Ngaeruaiti or Mr Hine		
<p>This Academy is designed to be a two year programme. It allows students to make a start on pre-trade training in engineering. Over a two year period working with Competenz / Te Pūkenga, students can complete all the apprenticeship year one theory standards. Students go off site one day a week to UNITEC to work in the engineering workshop completing a welding and fabrication course.</p> <p><b>Year 12</b> - In-school two timetabled Engineering option lines plus attending UNITEC one day a week.</p> <p><b>Year 13</b> - One timetabled option line plus an on-site Tuesday afternoon class 2:00 pm to 6:00 pm working in the engineering workshop on real life projects. Students attend a work placement one day a week in the engineering sector.</p> <p>Endorsement available in the NZQA manufacturing and technology vocational pathway.</p>					
<p><b>Prerequisites:</b> Preferably Level 1 Engineering. At the discretion of the Curriculum Leader. Students must have attained or be working towards achieving a minimum of 14 Level 2 credits in English, maths and physics. This course is by application and interview only. Application forms available from the Vocational Pathways Department.</p>					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	A contribution to project costs - this is determined by the project selected.
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>Up to 100 over two years</b>	<b>0</b>	<b>Up to 100 over two years</b>		<b>UE approved</b>	No
<p><b>Future possibilities:</b> Trades in engineering - general engineering, fitting and machining, maintenance, tool-making, machining, heavy fabrication, light fabrication, heating, ventilation and air conditioning, refrigeration, electrical. Transferable skills: hands on skills required for work in the engineering Industry - fabrication, welding, milling.</p>					

<b>Gateway Level 2 ( GAT 12 U )</b>			<b>Teacher to see:</b> Mr Margan		
<p>Gateway is a work-based programme that combines work experience and industry training. In class, students explore their personal attributes and interests, research potential careers and learn competencies that increase work readiness such as creating a CV and job search skills. All students complete a work experience placement where they practise and develop self-management, time-management and communication in addition to job-specific skills.</p>					
<p><b>Prerequisites:</b> Students must apply and be interviewed with the Gateway Coordinator. Only students with good attendance and NCEA Level 1 literacy and numeracy will be considered for the Gateway programme.</p>					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>20+</b>	<b>0</b>	<b>20+</b>		<b>UE approved</b>	No
<p><b>Future possibilities:</b> Gateway is tailored to each individual student's strengths and personal career interests. This can open up many possibilities for future employment or training.</p>					

Gateway Level 3 ( GAT 13 U )			Teacher to see: Mrs Luatua-Ngaeruaiti		
Gateway is a work-based programme that combines work experience and industry training. In class, students explore their personal attributes and interests, research potential careers and develop competencies that increase work readiness such as face-to-face communication. In addition to the general classwork, students will engage in learning opportunities that are directly related to their future career pathway.					
<b>Prerequisites:</b> Students must apply and be interviewed with the Gateway Coordinator. Only students with good attendance, a positive attitude and NCEA Level 1 literacy and numeracy will be considered for the Gateway programme.					
Credits			Standards	Cost	None
Internal	External	Total	Unit Standards	Course endorsement	No
10+	0	20+		UE approved	No
<b>Future possibilities:</b> Gateway is tailored to each individual student's strengths and personal career interests. This can open up many possibilities for future employment or training.					

Health Academy Level 2/3 ( HVA 12 AU / HVA 13 AU )			Teacher to see: Ms Tai Tin		
This is an Academy that allows students to make a start on a Health related career. Students go off site one day a week to Unitec to participate in courses related to health. Students stay on site for in-school timetabled Health classes. Students will complete Level 2 and 3 units in psychology and human behaviour, health and well-being, human biology and other health industry related credits. Endorsement available in the NZQA social and community services vocational pathway.					
<b>Prerequisites:</b> Students must be taking Level 2 or Level 3 Health, or at the discretion of Mrs Luatua-Ngaeruaiti. This Academy is by application and an interview. Students must complete an application. Application form available from the Vocational Pathways Department.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards, Unit Standards	Course endorsement	No
12 credits per semester	0	24		UE approved	No
<b>Future possibilities:</b> Health related careers – nursing, early childhood education, physiotherapy, mental health, social services. Transferable skills: time management, customer service, personal presentation, team work, tertiary experience.					

Hospitality Academy Level 3 ( HOS 13 U )			Teacher to see: Mrs Shahin		
This is an Academy that allows students to make a start on entry into the hospitality industry. Students go off-site one day a week to work in a commercial tertiary kitchen. Students stay on site one day a week 2:00 pm – 6:00 pm on Tuesdays to work in the Hospitality room here at school. Students will complete Level 3 hospitality industry standards working towards their New Zealand Certificate in Cookery Level 3. Both Year 12 and 13 students are eligible for this Academy. Endorsement available in the NZQA services industries vocational pathway.					
<b>Prerequisites:</b> Level 2 Hospitality and Unit Standard 167 or at the discretion of Mrs Luatua-Ngaeruaiti. This course is by application and interview only. An application form is available from the Vocational Pathways Department.					
Credits			Standards	Cost	None
Internal	External	Total	Unit Standards	Course endorsement	No
24 at Tertiary provider, up to 23 at school	0	Up to 47		UE approved	No
<b>Future possibilities:</b> Hospitality front of house, barista, chef, customer service. Transferable skills: time management, customer service, personal presentation, team work.					

<b>Mahi-a-Toi Academy Level 2/3 ( VTO 12 A )</b>			<b>Teacher to see:</b> Mrs Luatua-Ngaeruaiti		
<p>This Academy operates at Rutherford College on a Wednesday afternoon from 2:00 pm to 6:00 pm, allowing students to gain credits in Mahi-a-Toi at both Level 2 and 3. Students also attend a tertiary institute one day a week for one semester, gaining experience and preparation for a higher level of tertiary study. Students learn to analyse factors that influence the quality of individual performance in applied settings. Units based on Toi Māori which covers Ta Moko, Māori Performing Arts, Whakairo, Korero and Kowhaiwhai are covered.</p> <p>Students will complete credits towards NCEA Level 2 or 3 in Moteatea, Waiata-a-ringā, Visual Arts and Te Taura Whakairo.</p> <p>Endorsement available in the NZQA creative industries vocational pathway.</p>					
<b>Prerequisites:</b> Entry to the Mahi-a-Toi Academy is through an application and interview process. Students must see Mrs Luatua-Ngaeruaiti for an application form.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards	<b>Course endorsement</b>	Yes
<b>Up to 38</b>	<b>0</b>	<b>Up to 38</b>		<b>UE approved</b>	Yes
<b>Future possibilities:</b> Visual Arts at tertiary level.					

<b>Mechatronics Level 2/3 ( MGT 12 AU )</b>			<b>Teacher to see:</b> Mrs Luatua-Ngaeruaiti		
<p>This is an Academy that operates through Rutherford College and a tertiary institution. A few places only are available in this specialist course. The programme allows students to gain credits at Levels 2 and 3 while working on computer programming and electronics.</p> <p>This course is held off-site at Rutherford College and runs outside of normal school hours on Wednesday from 2:00 pm to 6.00 pm. In Term 3 students study at a tertiary provider one day a week. Students will have one less subject in their school program to allow for this. They will be in a vocational pathways study class to support their out of school learning.</p> <p>Endorsement available in the NZQA manufacturing and technology vocational pathway.</p>					
<b>Prerequisites:</b> Level 1 Science or Digital Technology or Level 2 Physics an advantage. This course is by application only. Due to limited places, students must see Mrs Luatua-Ngaeruaiti for an application form.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	None
<b>Internal</b>	<b>External</b>	<b>Total</b>	Achievement Standards, Unit Standards	<b>Course endorsement</b>	No
<b>22 each level</b>	<b>0</b>	<b>22 each level</b>		<b>UE approved</b>	Not applicable
<b>Future possibilities:</b> Electronics, plastics, production engineer or technician, programmer, computer science, aircraft technician.					

<b>Service Academy Level 2/3 ( SVA 12 U / SVA 13 U )</b>			<b>Teacher to see:</b> Staff Morgan (L2), Ms Fugmann or Staff McGrath (L3)		
<p>This is an Academy that operates at Waitakere College. The course offers a pathway for possible progression towards the police, armed forces, security and other related services. It is for students who can benefit from direction, structure and personal discipline. The course involves military drill, physical training, leadership skills and outdoor training.</p> <p>Year 12/Level 2 - students are involved in at least three overnight training camps over the year, supported by the Youth Development Unit of the armed services.</p> <p>Year 13/Level 3 - students have a training camp and take part in Tough Guy, Tough Girl.</p>					
<b>Prerequisites:</b> This course is by application and an interview. An application form is available from the Vocational Pathways Department.					
<b>Credits</b>			<b>Standards</b>	<b>Cost</b>	Students entering the Academy must commit to paying the up-front costs for PT gear and uniform. The cost is yet to be finalised but will be over \$250.00
<b>Internal</b>	<b>External</b>	<b>Total</b>	Unit Standards	<b>Course endorsement</b>	No
<b>Varies according to level of participation</b>	<b>0</b>	<b>Varies</b>		<b>UE approved</b>	No
<b>Future possibilities:</b> Army, air force, navy, police, customs, security. Transferable skills: team work, self-discipline, fitness, time management, community service, personal presentation.					





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