

# Tauranga Girls' College



## Curriculum Guide 2019

Year 10 -13 Programmes

**A handbook for the information of students and parents**  
(this information is also available on [www.tgc.school.nz](http://www.tgc.school.nz))

# Subject Codes

In Alphabetical order by subject

ACC	Accounting	HIS	History
AQS	Aquatics	ARH	History of Art
ART	Art	HPA	Hospitality Services (A)
ADP	Athlete Development Programme	HPB	Hospitality Services (B)
BIO	Biology	JAP	Japanese
BYA	Biology A	LEG	Legal Studies
BYB	Biology B	MTY	Materials Technology
BSC	Biological Science	MAT	Mathematics
BET	Business Enterprise	MAP	Mathematics Applied
BST	Business Studies	MAN	Mathematics with Numeracy
CPS	Chemical & Physical Science	MAC	Maths with Calculus
CHE	Chemistry	MAE	Maths with Extensions
CHI	Chinese	MAS	Maths with Statistics
CLS	Classical Studies	MUS	Music
COM	Computing	MSN	Musicianship
CMA	Contemporary Māori Arts	MPA	Māori Performing Arts
CMS	Contemporary Music Studies	NTO	Ngā Toi Māori Arts
DNC	Dance	PED	Physical Education
DVC	Design & Visual Communication	PHY	Physics
DIV	Design Innovation	PRA	Practical Art
DMA	Digital Media Arts	PRD	Practical Art Design
DTS	Digital Technologies	PRP	Practical Art Painting
DRA	Drama	PHO	Practical Art- Photography
ECE	Early Childhood Education	SCI	Science
ECO	Economics	SCP	Science Applied
ENG	English	SCC	Science Core
EL2	English Language	SED	Self-Defence
EL3	English Language	SMS	Smart Steps
ENP	English in Progress	SOS	Social Studies
ENL	English Language & Literacy	SGY	Sociology
ENS	English Support	SPA	Spanish
FMP	Film & Media Production	SPR	Sport and Recreation
FNU	Food & Nutrition	TAH	Te Ao Hurihuri
FTY	Food Technology	TMR	Te Ao Māori
FRE	French	TRM	Te Reo Māori
GEO	Geography	TRR	Te Reo Rangatira
GER	German	TTY	Textiles Technology
HTH	Health Studies	TOU	Tourism

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# Help with Subject Choices

This book contains information about all subjects offered at Tauranga Girls' College from Years 10 to 13.

Most subjects require foundation skills, so plan your course wisely. The foundation skills for subjects are listed in the subject information commencing on page 14. A limited number of subjects have open entry. When choosing your subjects it is advisable to look ahead at the subject's foundation skills required at all year levels.

If you are undecided on a career path then choose subjects which you enjoy and in which you can succeed.

- Your subject teacher can tell you how well you are doing in a subject.
- Your Tutor and your Dean follow your progress through school across all your subjects.
- The Careers Adviser can help you to identify which subjects lead to certain careers.
- [www.careers.govt.nz](http://www.careers.govt.nz) is a very helpful website site.
- Career Services provides a HelpLine 0800 222 733 or you can chat to them online.

The **Option Evening on Tuesday 14 August 2018 from 5.00 pm to 7.00 pm** gives an opportunity to discuss subjects with staff. A number of University liaison staff as well as representatives from Toi Ohomai, Defence Recruiting and the Building Construction Industry Training Organisation (BCITO) will also be present.

Subject selection will be available via the KAMAR portal and must be completed by:

**Friday 21 September 2018 for Year 9 - Year 12 students**

**Please Note:** course fees are subject to change, they are an indication only

# Subject Choices by Year Level

## Year 10 2019:

All students study five compulsory subjects of English, Mathematics, Physical Education, Science and Social Studies

In addition, students choose three option subjects to study for the year. When choosing your options it is important that you consider the **range** of subjects you select, ensuring your options are as broad as possible. It is **highly advised** that you choose at least one subject from the Arts, Technology/Business and Languages:

### Arts

- Art
- Dance
- Drama
- Music
- Musicianship
- Māori Performing Arts
- Ngā Toi Māori

### Languages

- Chinese (Mandarin)
- English Support
- English Language
- French
- German
- Spanish
- Te Reo Rangatira
- Te Reo Māori

### Technology/Business

- Business Enterprise
- Computing
- Design & Visual Communication
- Food Technology
- Materials Technology
- Textiles Technology

## Year 11 2019:

You must choose the equivalent of six subjects at Year 11.

Choose a course of study as follows:

- |   |                              |                     |
|---|------------------------------|---------------------|
| • <b>One of:</b> English                    | English Language in Literacy | English in Progress |
| • <b>One of:</b> Mathematics with Extension | Mathematics                  | Mathematics Applied |
| • <b>One of:</b> Science                    | Science Core                 | Science Applied     |

Then choose three other subjects. Where half-year courses are available **only one pair** of these courses can be chosen. Half-year courses **may not** be repeated.

## Year 12 2019:

You must select six subjects at this level. You **must select English** and **five** other subjects. Where half-year courses are available **only one pair** of these courses can be chosen. Half-year courses **may not** be repeated.

Subjects taken can be at any level but entry criteria apply. It is to your advantage to work at the highest level possible.

## Year 13 2019:

This year you select **five subjects** and have four study periods.

Where half-year courses are available only one pair of these courses can be chosen. Half-year courses may not be repeated.

Subjects taken can be at any level but entry criteria apply and it is to your advantage to work at the highest level possible.

Year 12 and 13 course changes due to NCEA results **only** must be made at school in January 2019.

Courses must be planned carefully as late subject changes may not be possible.

# Subject Pathways

Subject	Y9	Y10	Y11	Y12	Y13
<b>English</b>					
English	●	●	●	●	●
English Language & Literacy			●	●	●
English in Progress			●	●	●
English Support	●	●			
<b>Mathematics</b>					
Mathematics	●	●	●	●	●
Mathematics Applied			●	●	
Mathematics with Calculus					●
Mathematics with Extension			●	●	
Mathematics with Statistics					●
Maths Numeracy				●*	
<b>Science</b>					
Biology			●	●	●
Biology B				●	
Chemistry				●	●
Physics				●	●
Science	●	●	●	●	●
Science Applied			●	●	●
Science Chemical & Physical			●		
Science Extension	●	●			
<b>Business Studies</b>					
Accounting			●	●	●
Business Enterprise	●	●			
Business Studies			●	●	●
Economics			●	●	●
Legal Studies				●	
<b>Languages</b>					
Chinese	●	●	●		
English Language 1	●				
English Language 2		●	●	●	
English Language 3			●	●	●
French	●	●	●	●	●
German	●	●	●	●	●
Japanese				●	●
Spanish		●	●	●	●
Te Reo Māori	●	●	●	●	●
<b>Physical Education &amp; Health</b>					
Aquatics			●*	●*	●*
Athlete Development Programme	●	●			
Health			●	●	●
Physical Education			●	●	●
Physical Education & Health	●	●			
Self Defence			●*	●*	●*
Sport & Recreation			●	●	●

Note: \* = ½ year course

Subject	Y9	Y10	Y11	Y12	Y13
<b>Social Sciences</b>					
Classical Studies				●	●
Geography			●	●	●
History			●	●	●
Social Studies	●	●	● *		
Sociology				●	●
Te Ao Hurihuri				●	●
Te Ao Māori			●		
Tourism				●	●
<b>Technology</b>					
Computing	●	●	●	●	●
Design Innovation			●	●	●
Design & Visual Communication	●	●	●	●	●
Digital Technologies			●	●	●
Food & Nutrition			●	●	●
Food Technology	●	●			
Materials Technology	●	●	● *	● *	● *
Textiles Technology	●	●	●	●	●
<b>The Arts</b>					
Art	●	●			
Contemporary Māori Arts			●	●	
Contemporary Music Studies			●	●	●
Dance	●	●	●	●	●
Digital Media Art			●		
Drama	●	●	●	●	●
Film & Media Production				●	●
History of Art					●
Music	●	●	●	●	●
Musicianship	●	●	●	●	●
Māori Performing Arts	●	●	●		
Ngā Toi Māori	●	●			
Practical Art			●	●	
Practical Art - Design				●	●
Practical Art - Painting				●	●
Practical Art - Photography				●	●
<b>Vocational</b>					
Early Childhood Education			●	●	●
Future Directions				●	●
Hospitality (this includes Foundation Skills)			● *	●	●
Smart Steps					

**Note:** \* = ½ year course

# Credits can gain you more than one qualification

NCEA enables students to use their credits to obtain more than one qualification.

A student can be working towards a NCEA Level Two certificate and at the same time those credits can contribute towards another qualification such as a national certificate or a vocational pathway award.



## Using Credits

Credits can be used for more than one award.

Once gained, credits are recorded on a **Students Record of Learning**.

When recorded on the Record of Learning, credits can be used to fulfil the requirements of any **National Certificate**.

For example:

a student may gain **NCEA Level 1** - 80 credit total

**and**

this student then gains **NCEA Level 2** - 80 credits (20 of these credits from Level 1)

**and**

additionally this student gains a **National Certificate in Hospitality Level 2** credits



# Qualifications

Students enrol in individual subjects and are assessed against standards. Each standard is worth credits towards a National Certificate in Educational Achievement (NCEA).

## NCEA LEVEL 1

80 credits of which:

- **at least** 10 credits are in Literacy and
- **at least** 10 credits are in Numeracy.

## NCEA LEVEL 2

80 credits with

- **L1 literacy and numeracy credits**
- **at least** 60 credits at Level 2 or above.
- Plus 20 credits from Level 1 or above

## NCEA LEVEL 3

80 credits with:

- **L1 literacy and numeracy credits**
- **at least** 60 credits at Level 3 or above.
- Plus 20 credits from Level 2 or above

## Endorsements for NCEA

At each level of NCEA there are endorsements for Merit and Excellence

- NCEA with Merit: Gain 50 credits at Merit or better
- NCEA with Excellence: Gain 50 credits at Excellence

## Subject Endorsements

A student will gain an endorsement for a subject where they achieve:

- 14 or more credits at Merit and Excellence including a minimum of 3 credits from externally assessed and 3 credits from internally assessed standards (some subject exceptions apply to the 3 credit rule eg Physical Education)

# National Certificates

You may be able to work towards gaining a national certificate as well as NCEA while you are at school.

This means that as you gain credits towards NCEA you can work towards a national certificate at the same time.

Examples of some national certificates that you can gain at Tauranga Girls' College:

- National Certificate in Hospitality
- National Certificate in Dance
- National Certificate in Tourism & Travel
- National Certificate in Mathematics

# New Zealand Scholarship Examination

NZ Scholarship is a NCEA Level 4 qualification, designed to extend very high achieving Level 3 students.

A Scholarship subject entry is encouraged if, in a Level 2 subject, a student has achieved with Excellence more often than Merit in the achievement standards.

The course content is the same as Level 3, but candidates are expected to have highly developed independent work habits.

Candidates will be required to integrate, synthesise and apply knowledge, skills, understanding and ideas relating to the chosen subject.

Assessment for each subject is via an additional external examination in November or a portfolio submission for Visual Art, Technology, Design & Visual Communication and Dance.

## NZQA Assessment Fees

**As a guide the following fee is based upon the 2018 cost.**

NZQA - The National Qualifications Framework (NQF) fee is \$76.70 per year.  
Scholarship subject entries are \$30.00 per subject.

Extra course costs, where applicable, are listed under the individual subject information or on the NZQA website [www.nzqa.govt.nz](http://www.nzqa.govt.nz).

# University Entrance

To be awarded University Entrance students from NCEA will need all four of the following:

➤ **NCEA Level 3**

➤ **Three subjects – at Level 3 or above, made up of:**

- 14 credits each, in three approved subjects

➤ **Literacy – 10 credits at Level 2 or above, made up of:**

- 5 credits in reading
- 5 credits in writing

➤ **Numeracy - 10 credits at Level 1 or above, made up of:**

- Specified Achievement Standards available through a range of subjects  
**or**
- Unit Standards/26623, 26626, 26627 – all three required

**Note:** Additional entry requirements on page 9

## University Approved Subjects

Accounting	Health Studies
Biology	History
Business Studies	History of Art
Chemistry	Japanese
Chinese	Mathematics
Classical Studies	Mathematics with Calculus
Dance	Mathematics with Statistics
Design Innovation	Music Studies
Design & Visual Communication	Physical Education
Digital Technologies	Physics
Drama	Practical Art (Design)
Economics	Practical Art (Painting)
English	Practical Art (Photography)
Film & Media Production	Practical Technology
Food & Nutrition	Science
French	Spanish
Geography	Technology (Textiles)
German	Te Reo Māori

# Additional entry requirements for University in 2019 are:

**It is essential that you check the most up-to-date requirements for each university on their website:**

- Most universities require a rank score which is calculated by identifying your best 80 credits at Level 3 or higher over a maximum of 5 approved subjects.
- The rank score will be calculated by awarding the following points for up to 24 credits in each **approved** subject at Level 3:

Excellence 4 points

Merit 3 points

Achieved 2 points

**In addition to a rank score many degrees require a certain number of credits in specific subjects.**

**The University of Auckland:** <https://www.auckland.ac.nz/en/study/applications-and-admissions/entry-requirements.html>

Different rank scores exist depending on the degree eg

Bachelor of Arts	150 points
Bachelor of Engineering	260 points + 17 Calculus and 16 external Physics credits Level 3
Bachelor of Nursing	230 points including 18 credits from Biology, Chemistry or Physics

**English Requirement:** 17 English credits at Level 2 or Level 3. If you don't have these, you will need to do an English paper in your first year. Auckland also have Table A and Table B subject requirements for certain degrees.

**AUT University:** <https://www.aut.ac.nz/study/applying/entry-requirements>

University Entrance plus specified admission requirements for a programme. It might be subject specific, subject portfolios or auditions.

**Waikato University:** <http://www.waikato.ac.nz/study/enrolment/undergraduate>

University Entrance and any other specified requirements for the qualification or paper.

**Massey University:** [http://www.massey.ac.nz/massey/admission/entry-requirements/eligible\\_home.cfm](http://www.massey.ac.nz/massey/admission/entry-requirements/eligible_home.cfm)

Preferential entry score for the majority of degrees is 140 points plus University Entrance and other specific requirements eg a portfolio for Bachelor of Design with Honours. See the prospectus for guaranteed entry requirements.

**Victoria University:** <https://www.victoria.ac.nz/study/apply-enrol/admissions/nz-university-entrance>

Guaranteed entry is 150 rank points all degrees except the Bachelor of Architectural Studies or Building Science (180 points). There are also degree specific requirements.

**Canterbury University:** <http://www.canterbury.ac.nz/enrol/eligibility/>

Preferential entry is gained by a rank score of at least 150, if you don't meet the requirements for preferential entry you will be offered a place subject to priority and availability. Scholarship holders also gain preferential entry.

**Otago University:** <https://www.otago.ac.nz/future-students/apply/enrol/index.html>

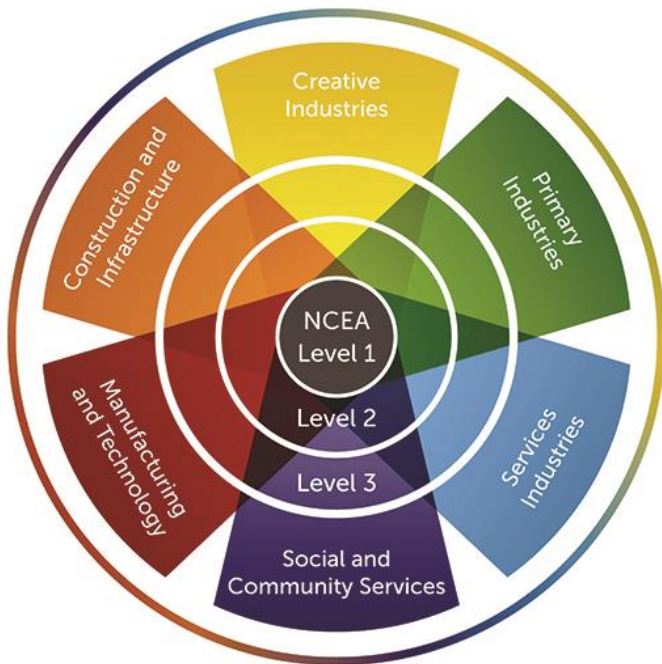
University Entrance. Two ways of entry: preferential or competitive. See [otago.ac.nz/entrance](http://otago.ac.nz/entrance). Preferential entry is gained if you fulfil at least one of the following criteria:

- NCEA Level 2 endorsed with either Merit or Excellence
- Have gained 140 points or Level 3 with Merit or Excellence
- Acceptance of a place in a Hall of Residence
- Accepted an Otago Scholarship

Competitive entry is ranked according to academic performance. You may be switched to the preferential pathway as further information becomes available. It is expected the majority of students will ultimately meet the criteria for preferential entry.

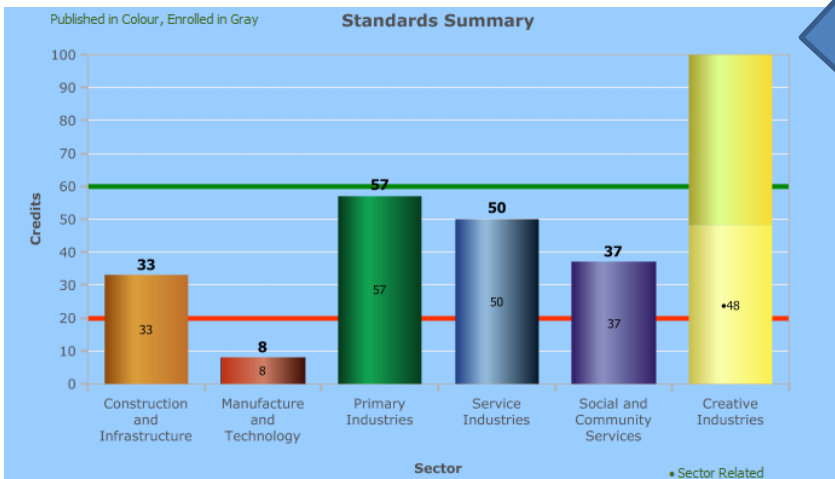
# Vocational Pathways

The six new Vocational Pathways are designed to improve the relevance of learning for students by indicating how their learning and achievement is valued by broad sectors of the workforce. Each has been colour coded for ease of recognition to help students, parents, whanau and teachers planning study programmes



Pathways are a way of looking at the subjects students are taking at school and where they may lead to in the future either in training/tertiary or the workforce.

Below is an example of what will be shown for each student and how their subjects relate to the six pathways. Students and parents will then get an idea of where subjects may lead to and what interests the students may have:



## Vocational Pathways Award

This will be gained if a student:

- Achieves NCEA L2
- Achieves Literacy & Numeracy requirements at L1
- Achieves 60 L2 credits from recommended standards *including*
- At least 20 L2 credits from sector related standards

Visit [www.youthguarantee.net.nz](http://www.youthguarantee.net.nz) to build a profile. The profile builder is the new online tool to create a Vocational Profile. Students and educators can enter the standards achieved using the assessment standards, to build an individual profile on [www.nzqa.govt.nz](http://www.nzqa.govt.nz) students can log on and see their own profile made by their results gained

# Pathways through Education

## Opportunities at Tauranga Girls' College



- Tutor conferencing
- Subject teacher conferencing
- Interviews with the Careers Advisor
- Mentoring with a Youth Services coach for Pathway Planning
- Information evenings
- Gateway programme
- Red, Black or Blue shirt or “seeds” programmes
- Trades Academy
- Liaison with Universities and other tertiary providers
- Taster courses including “Student for a Day”
- Scholarships

## Helpful Career Websites for Information

### ***Careers***

[www.careers.govt.nz](http://www.careers.govt.nz)  
[www.tearaway.co.nz](http://www.tearaway.co.nz)  
[www.schoolconnect.co.nz](http://www.schoolconnect.co.nz)  
[www.youthguarantee.net.nz](http://www.youthguarantee.net.nz)  
[www.maorieducation.org.nz](http://www.maorieducation.org.nz)  
[www.jetmag.co.nz](http://www.jetmag.co.nz)

### ***Employment***

[www.trademe.co.nz](http://www.trademe.co.nz)  
[www.seek.co.nz](http://www.seek.co.nz)  
[www.mahi.co.nz](http://www.mahi.co.nz)  
[www.healthcareers.org.nz](http://www.healthcareers.org.nz)  
[www.nzjora.com](http://www.nzjora.com)

# Pathways in Action at Tauranga Girls' College

## Gateway

Gateway supports students undertaking learning and assessment in the workplace. This experience provides opportunities to develop an understanding of the skills required for future employment through achieving unit standards whilst involved in the Industry. Students can achieve specific vocational skills and benefit from making significant progress towards industry recognised qualifications.

## Trades Academy

The Trades Academy is a partnership between Tauranga secondary schools and the Toi Ohomai. Students in the programme spend one day at the campus working on a tertiary certificate in one of the following courses: automotive, mechanical engineering, construction, café operations, business administration and computing, early childcare, exercise management and horticulture. The programme provides students with an opportunity to gain NZQA credits while embarking on a career pathway.

# Year 10

## Core

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## Options

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• Drama	17
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• Materials Technology	19
• Music	19
• Musicianship	19
• Ngā Toi Māori	20
• Spanish	20
• Te Reo Māori	20
• Te Reo Rangatira	20
• Textiles Technology	21

A student's level of achievement in Year 10, and in the end of year examinations in particular, will determine her course of study in Year 11.

English, Mathematics and Science are compulsory in Year 11. There are other Year 11 courses where availability is subject to achievement in Year 10 English, Mathematics, Science or Social Studies.

See page 3 for Pathways



# Core Subjects

## English

10ENG

### Course Overview

This course covers basic language skills, introduces literature studies (film and written texts), develops writing styles, presentation skills and promotes thinking and problem solving. It is essential foundation work for success in English courses in the senior school. Achievement levels here will affect the course choices for NCEA Level 1 for English courses and in many other subjects. Grades will be assigned at the end of the year based on several assessments in each skill area worked on during the year.

### Assessment:

Four assessment grades given based on skills and derived from a range of work done. The assessment will be described in terms of curriculum levels reached.

### Where does this course lead to?

Achievement levels will determine pathways to NCEA Level 1 courses. Achieving mostly at Level 5 will enable entry to 11ENG; mostly at Level 4 enables entry to 11ENL, and below this, students will do the 11ENP course.

### Subjects specific costs:

Materials \$10.00

## Mathematics

10MAT

### Course Overview

Students will further develop Mathematical skills, as well as the ability to problem solve, to think and reason logically, and develop their ability to understand and apply Mathematical and Statistical thinking to the world in which they live.

This course is structured into seven units of learning based on the three strands of the New Zealand Curriculum: Number & Algebra, Geometry & Measurement and Statistics.

### Where does this course lead to?

This course leads in to Year 11 NCEA Level 1 Mathematics. There are three courses available: 11MAE, 11MAT and 11MAP and achievement levels in Year 10 will determine pathways to the NCEA Level 1 courses. Achieving mostly at Level 5A and above will enable entry to 11MAE; mostly at Level 5 enables entry to 11MAT, and below this, students will do the 11MAP course.

### Subject specific costs:

Homework book (extension classes) \$18.00  
Course materials (non-extension classes) \$5.00

## Physical Education & Health

10PED

### Course Overview

Physical Education encourages improved self-esteem and wellbeing through student involvement in physical and health related activities. This course provides a strong foundation for all senior courses in this area of the curriculum. Units of work will incorporate themes from four main strands:

- Personal health
- Movement skills
- Relationships
- Healthy communities

### Where does this course lead to?

This course is a foundation course for students which follows through into the senior school whereby students can choose a pathway to suit. Students can move into 11PED, 11HTH and 11SPR with confidence. Studying courses in this area of the curriculum allows students to strengthen their understanding of hauora, gain a perspective of being a healthy member of society and develops positive attitudes and values towards personal wellbeing. The recognition of the importance of physical activity for total wellbeing is paramount.

## Science

10SCI

### Course Overview

This course gives an understanding of science knowledge and how it is gathered to enhance our lives. Science is also useful in many careers and students will gain the required skills and knowledge to enter these career options.

Students will study acids and bases, chemical symbols and materials, plants and reproduction, endangered species and their environments, electricity, forces and earth science.

### Where does this course lead to?

This course leads to 11SCI, 11SCC and 11SCP. 11SCI is a pre-requisite for Level 2 and 3 Chemistry, Physics and Biology. 11SCC leads to Level 2 and 3 Chemistry and Biology. 11SCP can lead to 12 and 13 Science. Science subjects are useful for health related careers such as medicine, nursing and physiotherapy, as well as engineering, nutrition, psychology and other careers. It also is useful to be a contributing citizen, with information on immunisation, environmental science etc.

### Subject specific costs:

Materials	\$15.00
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## Social Studies

10SOS

### Course Overview

Social Studies is a study of human, social and economic behaviour in different cultures and environments at different times.

Students study the five learning strands of:

- Culture and Heritage
- Society
- Geography/Environment
- History
- Economic activities

### Where does this course lead to?

This course leads to 11HIS, 11GEO, 11 SOS. Studying the social sciences is important as it helps us understand how our societies are put together and we look at the impacts of people's decisions about how our world (natural and cultural) should be managed.

# Option Subjects

## Art

10ART

### Course Overview

Art is offered as an option for the student who has a genuine interest in art and gains enjoyment from her work.

The topics covered are:

- drawing
- painting
- printmaking
- sculpture
- design

### Foundation Skills

The completion of 9ART is advisable.

### Where does this course lead to?

This course leads into 11CMA, 11DMA and 11ART.

### Subject specific costs:

Course related cost/classroom resources	\$30.00
Student art pack (compulsory)	\$35.00

Students will need to purchase this pack or individual items from the Art Department.

## Athlete Development Performance

10ADP

### Course Overview

This course supports young women who excel in their chosen sporting fields and to make sure they are supported in their academic endeavours. The class will be offered as an option for students but there will be a selection criteria and careful consideration given to whom would best benefit from being in the class.

The class is for students who are performing at a high level within at least one sport. These students must have a clear desire to compete at an elite level and have the motivation to work hard to achieve this goal.

### Foundation Skills

Students will need to fill in an application form (located on the Tauranga Girls' College website) and undergo fitness testing.

Students will need to be competing at a high level in their chosen sport, demonstrate commitment and pride in representing Tauranga Girls' College in the classroom and on the sports field.

### Where does the course lead to?

This course will provide a strong background for students wishing to study Level 1 Physical Education. It will also help prepare students to advance into Tauranga Girls' College senior sports teams and representative teams (where appropriate).

### Subject specific costs:

Industry based class trips, specialist coaching & Class Materials	\$50.00
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## Business Enterprise

10BET

### Course Overview

Students are introduced to all branches of Business including Accounting, Economics and Business Studies, with the intention of helping students to make informed decisions about courses going into the senior school.

### Foundation Skills

Students do not have to have taken 9BET.

### Where does the course lead to?

This course will provide a strong background for students wishing to study Level 1 Accounting, Business Studies and/or Economics.

### Subject specific costs:

Business Capital & Class Materials	\$20.00
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## Chinese (Mandarin)

10CHI

### Course Overview

Chinese is a practical study enabling students to learn to speak, read, listen and write on various themes. For example, school life, daily routines, people, clothes, families, sport etc. As well students will learn to read and write some script. The cultural component will give students an insight into the people, country and language studied.

## Foundation Skills

Level 2 proficient or better in 9CHI.

### Where does this course lead to?

10CHI leads to 11CHI.

### Subject specific costs:

Course workbook	yet to be confirmed
Language Perfect	\$20.00

## Computing

10COM

### Course Overview

The aim is to develop a broad digital technological literacy that will equip students to participate in society as informed citizens and give them access to digital technology-related careers.

They will earn a diverse range of skills including robotics, web design, coding and 3D-modelling as well as traditional areas such as spreadsheets and databases. A major emphasis will be on mastering the G suite of programs.

### Foundation Skills

Students do not have to have taken 9COM.

### Where does the course lead to?

This course will provide a strong background for students wishing to study Level 1 Digital Studies, or Level 1 Computing.

### Subject specific costs:

Software resources	\$15.00
Students will need to provide their own earphones	

## Dance

10DNC

### Course Overview

This is a practical course where students work collaboratively with others to develop confidence.

Students learn a variety of dance styles and choreograph their own dance sequences.

The 10DNC course culminates with Junior Production where students perform for a large audience of primary school children.

### Foundation Skills

The completion of 9DNC is advantageous but not compulsory.

Students' learning competencies must show that they can relate to others and participate and contribute to a 'good' standard.

Minimum 80% attendance rate.

### Where does this course lead to?

Students completing this course successfully will be able to continue on to the NCEA Level 1 Dance course.

### Subject specific costs:

Materials	\$10.00
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## Design & Visual Communication

10DVC

### Course Overview

Design and Visual Communication is a course of study that will enable a student to conceptualise and develop design solutions within two areas of study, these being: Spatial Design and Product Design.

In studying Design and Visual Communication, the student will develop skills in interpreting and communicating information in a variety of ways that will enable them to clearly and accurately communicate their thoughts and ideas with other people.

### Foundation Skills

Year 9 DVC would be of advantage, but is not essential.

### Where does the course lead to?

This course is a foundation course for NCEA Level 1 Design and Visual Communication.

Students are introduced to a range of drawing techniques from traditional freehand and instrumental to digital modelling.

### Subject specific costs:

Materials	\$15.00
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## Drama

10DRA

### Course Overview

This is a practical course where students work collaboratively with others, developing self-esteem and communication skills.

Students learn about various aspects of Drama including:

- acting skills
- theatre history
- drama creation

The 10 DRA course culminates with Junior Production where students perform for a large audience of primary school children.

## Foundation Skills

The completion of 9DRA is advantageous but not compulsory.

Students' learning competencies must show that they can relate to others and participate and contribute to a 'good' standard.

Minimum 80% attendance rate.

## Where does this course lead to?

Students completing this course successfully will be able to continue on to the NCEA Level 1 Drama course.

## Subject specific costs:

Materials	\$10.00
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## English Support

10ENS

## Course Overview

This is a remedial course which covers basic skills. It is designed for those who lack skills and basic knowledge and who find they need a supportive structure to build their ability and confidence. The course is optional and runs alongside the compulsory English course. It is not designed for advanced students in any way.

## Foundation Skills

None

## Subject specific costs:

Materials	\$5.00
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## Food Technology

10FTY

## Course Overview

Food Technology prepares students to apply nutritional knowledge for life.

Student will be encouraged to explore, develop and produce food products. They will develop an understanding of nutrition and health using the technological process. There is a strong practical component in all units of work.

## Foundation Skills

A minimum achievement at Level 4 in Food Technology in Year 9 or with permission of the HOD.

## Where does the course lead to?

Studying 11 Food and nutrition at NCEA Level 1 or Hospitality Foundation Skills. Students will have a

good nutrition base to use in careers and courses in Nursing, sports studies and hospitality. It will also give them the skills required to prepare food for themselves and their families and good nutrition skills for life. Combined with Biology and Chemistry this leads to tertiary study in food technology, nutrition and consumer food science.

## Subject specific costs:

Materials	\$80.00
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## French

10FRE

## Course Overview

French is a practical study enabling students to learn to speak, read, listen and write on various topics. For example, coping as a tourist in France, school, daily routine, shopping and food. The cultural component will give students an insight into the people, country and language studied. Students may complete one NCEA Level 1 Internal Assessment.

## Foundation Skills

Level 2 proficient or better in 9 French.

## Where does this course lead to?

10FRE leads to 11FRE.

## Subject specific costs:

Language Perfect	\$20.00
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## German

10GER

## Course Overview

German is a practical study enabling students to learn to speak, read, listen and write on various topics. For example, coping as a tourist in Germany, talking about families, people, clothes, school, daily routine, shopping and food. The cultural component will give students an insight into the people, country and language studied. Students complete one NCEA Level 1 Internal Assessment.

## Foundation Skills

Level 2 proficient or better in 9 German.

## Where does this course lead to?

10GER leads to 11GER.

## Subject specific costs:

Language Perfect	\$20.00
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## Māori Performing Arts

10MPA

### Course Overview

This course is for Year 10 students who will be doing NZQA Level 2 Unit Standards.

Students will extend their knowledge of Māori performing arts in the three disciplines of historical development of Māori performing arts, performing arts brackets, and whakaraka at an advanced level.

### Foundation Skills

Achieved three or more unit standards in 9NMR.

### Where does this course lead to?

Students can continue this course of study in 11NMR and study towards NZQA Level 3 Unit standards.

Subject specific costs:

Workbook and materials \$30.00

## Materials Technology

10MTY

### Course Overview

As well as being introduced to the various materials and their properties, students will also develop their research and design skills to achieve a successful outcome.

Students will be involved in investigating, planning and developing their own solutions to technological problems. The students will be encouraged to use a range of materials that will include wood, metal, plastics and electronics within their solutions.

### Foundation Skills

9MTY would be of advantage but is not essential.

### Where does the course lead to?

Level 1 NCEA Materials Technology.

Further develops the students understanding of the technological processes in relationship to their place in the Construction, Manufacturing and Creative Industries.

Subject specific costs:

Materials \$40.00

## Music

10MUS

### Course Overview

This course further develops the concepts taught in 9MUS and involves a large amount of instrumental playing, composition workshops and the theory and aural skills required for entry into 11 MUS.

### Foundation Skills

9MUS or Grade 2 (or equivalent standard) in music theory and two years instrumental or vocal tuition.

Students must be enrolled in either private or itinerant instrumental or vocal lessons for the duration of this course.

**Restriction:** Not with 10MSN

### Where does this course lead to?

This course is the preparatory course for NCEA Level 1, 2 and 3 Music.

Subject specific costs:

Itinerant tuition (if applicable)

Workbook \$10.00

## Musicianship

10MSN

### Course Overview

Students will focus on an instrument (or instruments) throughout the course and develop more advanced skills. Lessons are practically based and will involve rehearsal individually and in groups, further extension of theory and aural skills and basic composition techniques.

### Foundation Skills

9MUS or 9MSN or Grade 2 (or equivalent standard) in music theory and 2 years instrumental or vocal tuition.

**Restriction:** Not with 10MUS.

### Where does this course lead to?

This course provides the foundations for study at NCEA Level 1, 2 and 3 Contemporary Music and in some cases may be used as a preparatory course for NCEA Level 1, 2 and 3 Music.

Subject specific costs:

Itinerant tuition (if applicable)

Workbook \$10.00



10NTO

This course is offered to all students. It builds on students' previous learning experiences in either 9NTO or 9ART and continues to provide practical and theoretical learning experiences of contemporary Māori art contexts. Students will learn new media processes and technologies while extending their ideas and skills in mixed media painting, drawing, printmaking, sculpture, design and photography. The course also offers experiences outside the classroom such as visiting the local Art Gallery, participating in art events and selling their artworks.

The completion of 9NTO or 9ART is advisable.

This course leads into 11CMA, 11DMA and 11ART.

Course related costs/classroom resources      \$30.00  
Student art pack (compulsory)                      \$35.00  
Students will need to purchase this pack or individual  
items from the Art Department.

10SPA

Spanish is a practical study enabling students to learn to speak, read, listen and write on various themes. For example, self-introduction, school, daily routine, shopping and food. The cultural component will give students an insight into the people, country and language studied.

Open entry.

10SPA leads to 11SPA.

Course workbook	yet to be confirmed
Language Perfect	\$20.00

## 10TRM

This Māori language course is for students who have learnt Te Reo Māori in Year 9 but are still at beginner level.

Students will cover topics such as whakapapa and using Māori myths as a basis for extending language learning, sentences and words, as well as continuing to develop oral skills.

Level 2 proficient or better in Year 9 Te Reo Māori.

Students can continue this course of study in 11TRR and study towards NZQA Level 1 Achievement Standards where students can gain up to 30 credits.

Materials	\$10.00
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## 10TRR

This Māori language course is for students who have learnt Te Reo Māori in Year 9 and are at an advanced level, with a good level of oral and written competency. This course will build on and consolidate previous constructions and introduce students to new sentence constructions and words while gaining an insight into Māori myths and legends. This course will well equip students for NCEA Level 1 Te Reo.

Level 3 proficient or better in Year 9 Te Reo Māori.

Students can continue this course of study in 11TRR and study towards NZQA Level 1 Achievement Standards where students can gain up to 30 credits.

Materials	\$10.00
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## Textiles Technology

10TTY

### Course Overview

Textiles Technology combines practical skills with technological literacy and understanding. Student's problem solve, make informed decisions and evaluate. Students will explore a range of creative and technical skills that can be applied to a wide range of products. Students will need to provide their own fabric and notions, although basics such as interfacing will be provided.

There is an opportunity to gain six NCEA Level 1 credits that can be carried over to Year 11.

### Foundation Skills

A minimum achievement of Level 4 in Textiles Technology in Year 9 or with permission of the HOD.

### Where does this course lead to?

Taking Textiles Technology in Year 10 leads into taking Textiles Technology in Year 11. It provides a good understanding of the technological process which is a transferable skill to other Technology subject areas. Cross-curricular links between other subjects in the school can also be made during this course.

### Subject specific costs:

Sample work	\$35.00
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# Year 11

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**Note:** \* = ½ year course

# Core Subjects

## English

11ENG

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
22	22	22	22	22	22

### Course Overview

Students wishing to gain academic qualifications are advised to take this course from Years 11-13. It also caters for the mainstream majority. It covers a study of literature, writing skills and a presentation unit. 11ENG enables achievement of the Level 1 Literacy qualification.

### Assessment

NCEA Level 1 Achievement Standards

Internal	10 credits
External	12 credits
Total	22 credits

### Foundation Skills

Students working consistently at/or above Curriculum Level 4A, and above, in 10ENG, both through the year and in the end of year examination.

### Where does this course lead to?

12ENG or 12ENL depending on achievement levels. The grades in English are used by some subjects as pre-requisites for entry to their courses.

### Subject specific costs:

NZQA	
Materials	\$10.00

## English Language & Literacy

11ENL

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
21	21	21	21	21	21

### Course Overview

This course is for those who wish a slower paced course and may not have met the Foundation Skills for 11ENG. It still provides a pathway to Level 2 courses in the following year but it allows for a more careful development of the required skills needed for success in these. It covers a study of literature, writing skills and a presentation unit. 11ENL enables achievement of the Level 1 Literacy qualification.

### Assessment

Level 1 Achievement Standards

Internal	13 credits
External	8 credits
Potential total	21 credits

## Foundation Skills

10ENG - working mostly at Curriculum Level 4.

### Where does this course lead to?

12ENG or 12ENL depending on achievement levels. The grades in English are used by some subjects as pre-requisites for entry to their courses.

### Subject specific costs:

NZQA	
Materials	\$10.00

## English in Progress

11ENP

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
17	17	17	17	17	17

### Course Overview

This course is designed for those who have not yet reached a curriculum level that enables them to cope with NCEA Level 1. It will provide a supported learning environment to build reading and writing skills in a thematic framework that is linked to life skills. The work will be set between Curriculum Level 4 and Level 6 according to student need. Students will have the opportunity to achieve Unit Standard Literacy credits as well as Achievement Standard literacy while working towards gaining credits in English. 11ENP is designed as the first year of a two year journey to achievement of Level 1 English. Standards offered may vary according to student need.

### Assessment

Unit Standard Literacy tasks	10 credits
Internal Achievement Standards	10 credits
External Achievement Standards	4 credits
Optional Unit Standards	10 optional credits
Total	individual achievement

### Foundation Skills

Below Curriculum Level 4B in most 10ENG standards.

### Where does this course lead to?

12ENP - a second year of skill building at Level 1 to prepare for 13ENP the following year.

### Subject specific costs:

NZQA	
Materials (course booklets)	\$10.00

## Mathematics with Extensions

11MAE

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
20	20	20	20	16	20

### Course Overview

This course is the basis for academic study of Mathematics in Year 11 through to Year 13. It is structured around the five Level 1 Achievement Standards delivered in this course, which are based on the three strands of the New Zealand Curriculum: Number & Algebra, Geometry & Measurement, and Statistics.

A further four external credits are available to those students who wish to complete further independent study.

### Assessment

NCEA Level 1 Achievement Standard

Internal	8 credits
External	12 credits
Total	20 credits

### Foundation Skills

Students working consistently at curriculum Level 5A, and above, in 10MAT, both through the year and in the end of year examination.

### Where does this course lead to?

Students completing this course successfully will be able to continue on to 12MAE

### Subject specific costs:

NZQA	
Workbooks	\$18.00

## Mathematics

11MAT

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
17	17	21	21	18	21

### Course Overview

The course is structured around the six Level 1 Achievement Standards delivered in this course, which are based on the three strands of the New Zealand Curriculum: Number & Algebra, Geometry & Measurement, and Statistics.

### Assessment

NCEA Level 1 Achievement Standards

Internal	17 credits
External	4 credits
Total	21 credits

### Foundation Skills

Students working mostly at Curriculum Level 5 in 10MAT, both through the year and in the end of year examination.

### Where does this course lead to?

Students completing this course successfully will be able to continue on to 12MAT.

### Subject specific costs:

NZQA	
Workbooks	\$18.00

## Mathematics Applied

11MAP

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
11	11	11	11	11	11

### Course Overview

This course is designed for those students who have a weaker background in Mathematics. There is an emphasis on the practical application of Mathematical skills.

The attainment of the three Numeracy Unit Standards is the focus of this course and students are also given the opportunity to undertake some parallel Level One Achievement Standards (which can be used against the Vocational Pathways).

### Assessment

NCEA Numeracy Unit Standards	10 credits
NCEA Level 1 Achievement Standards	
Internal	11 credits
Total	21 credits

### Foundation Skills

10 Mathematics.

### Where does this course lead to?

Students completing this course will be able to continue on to 12MAP

### Subject specific costs:

NZQA	
Workbooks	\$5.00

## Science

11SCI

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
8	20	24	8	16	24

### Course Overview

A comprehensive Science course covering internal and external standards that prepare students for further Science studies at NCEA Level 2 & 3 and beyond.

### Assessment

NCEA Level 1 Achievement Standards

Internal	12 credits
External	12 credits
Total	24 credits

### Foundation Skills

Students working consistently at Curriculum Level 5 in 10SCI end of year examinations.

**Restriction:** Cannot be taken with 11SCP or 11SCC.

### Where does the course lead to?

Level 2 Sciences including Biology, Chemistry and Physics.

### Subject specific costs:

NZQA	
Education Perfect/workbook	\$20.00

## Biological Science

11BSC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	8	18	7	11

### Course Overview

A comprehensive Science course covering internal and external standards that prepare students for further Science studies at NCEA Level 2 & 3 in **Biology**.

### Assessment

NCEA Level 1 Achievement Standards

Internal	7 credits
External	11 credits
Total	18 credits

### Foundation Skills

Students working consistently at Curriculum Level 5 in 10SCI end of year examinations. Students **must** be taking 11SCI as well as 11BSC **or** have completed the 10SCE course.

**Restriction:** Cannot be taken with 11SCP or 11SCC.

### Where does the course lead to?

Level 2 Biology (although this course is **not** a prerequisite).

### Subject specific costs:

NZQA	
Workbooks	\$25.50

## Chemical & Physical Science

11CPS

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
20	20	16	12	0	4

### Course Overview

A comprehensive Science course covering internal and external standards that prepare students for further studies in Chemistry and Physics.

### Assessment

NCEA Level 1 Achievement Standards

Internal	4-8 credits
External	12-16 credits
Total	20 credits

### Foundation Skills

Students working consistently at Curriculum Level 5 in 10SCI end of year examinations. Students must be taking 11SCI as well as 11CPS OR have completed the 10SCE course. **Restriction:** Cannot be taken with 11SCP or 11SCC.

### Where does the course lead to?

Level 2 Sciences including Chemistry and Physics (although this course is **not** a prerequisite for either).

### Subject specific costs:

NZQA	
Workbooks	cost to be advised

## Science Core

11SCC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
8	16	20	4	12	20

### Course Overview

A core science course in which more time is allotted to each standard than 11SCI. Students will gain skills and knowledge to help them become informed citizens and meet Foundation Skills for some Year 12 Science courses.

### Assessment

NCEA Level 1

Internal	12 credits
External	8 credits
Total	20 credits

### Foundation Skills

Students working **mostly** at Curriculum Level 5 in 10SCI.

### Where does the course lead to?

Level 2 Sciences including Biology, Chemistry and General Science (Physics by negotiation with HOD, but should be in 11SCI).

### Subject specific costs:

NZQA	
Education Perfect/	\$20.00
Workbooks	\$17.00

## Science Applied

11SCP

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
8	8	20	4	8	12

### Course Overview

These courses use internal achievement standards, some of which contribute to Level 1 numeracy. The standards are practical based and students have some choice in the topics studied.

### Assessment

NCEA Level 1 Achievement Standards

Internal

7-20 credits

Total

7-20 credits

### Foundation Skills

10SCI.

### Where does the course lead to?

11SCC or 12SCI

### Subject specific costs:

NZQA

Materials

\$10.00

## English Language

### English Language 2

EL2

**Prerequisite:** Year 9 or TGC Language Entrance Exam

**Fee:** NZQA (\*seniors only)

**Assessment:** NCEA Level 1 and 2 English Language standards (optional)

This is an optional multi-level subject which second language learners may take in addition to a year 10, 11 and 12 English class. It is designed to assist those second language learners who are achieving below their cohort. The course involves practice in four main skill areas: reading, writing, speaking and listening; using a wide variety of texts to improve spoken and written communication. The skills learnt are support for success in core subjects. This course leads to EL3.

### English Language 3

EL3

**Prerequisite:** EL2 or TGC Language Entrance Exam

**Fee:** NZQA

**Assessment:** NCEA Level 2 and 3 English Language standards (optional)

This is an optional multi-level subject which learners may take in addition to a year 11, 12 or 13 English class. It is designed to assist those second language learners who are achieving at their cohort and are aiming to attend further education beyond secondary school. The course involves practice in four main skill areas: reading, writing, speaking and listening; using a wide variety of texts to improve spoken and written communication. The skills learnt are support for success in core subjects.

# Option Subjects

## Accounting

11ACC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	7	25	0	25

### Course Overview

An introduction to Accounting including skills for money management and decision-making, covering internal and external standards that prepare students for Accounting at NCEA Level 2 & 3 and beyond.

### Assessment

NCEA Level 1 Achievement Standards

Internal	13 credits
External	12 credits
Total	25 credits

### Pre-requisites

Students do **not** have to have taken 9 or 10BET

### Where does the course lead to?

This course will provide a strong background for students wishing to study Level 2 Accounting.

### Subject specific costs:

NZQA	
Resources	\$15.00

## Aquatics

11/12/13AQS\*

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	3	3	0

### Course Overview

Students will be involved in a range of water based activities which may include surf survival, swimming for fitness, aqua aerobics, kayaking, snorkelling, diving and water games.

They will have the opportunity to obtain qualifications in Surf Survival and the PADI Dive Certificate. For the diving work students **must have** an approved medical certificate. Students with respiratory/asthma /exceptional health concerns should check the suitability of dive activities with their doctor before enrolling in the course. Dive Course fees must be paid before the course starts.

### Assessment

NCEA Level 1 Achievement Standards	3 credits
NCEA Level 2 Unit Standards	3 credits
NCEA Level 3 Unit Standards	7 credits
Potential Total	13 credits
All unit standards are internally assessed.	

PADI Dive Certificate (internationally recognised qualification)

Surf Survival Certificate Level 1, 2 or 3

### Foundation Skills

Ability to Swim 400m.

**Co-requisite:** any other ½ year course.

### Where does this course lead to?

This course may allow students to continue studies in the Adventure Tourism and Marine Studies. It also allows students to be involved in recreational diving all over the world as this is an internationally recognised qualification.

### Subject specific costs:

Contributions to PADI Dive & course fees	\$380.00
Medical Certificate (personal cost)	approx \$30.00

## Art

11ART

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	0	22

### Course Overview

Students will use drawing to generate and develop ideas based on a particular theme. They will use appropriate processes and procedures based on an investigation of selected established practice. They will produce a body of work that demonstrates a sequential, coherent process.

### Assessment

NCEA Level 1 Achievement Standards

Internal	10 credits
External	12 credits
Total	22 credits

### Foundation Skills

10ART with an average of Curriculum Level 4 in each standard.

**Restriction:** Cannot be taken with 11CMA or 11DMA.

### Where does this course lead to?

This course leads into 12CMA, 12ART, 12DES, 12PHO and 12FMP.

### Subject specific costs:

NZQA	
Materials	\$50.00
Zoo trip	\$45.00

## Business Studies

11BST

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	21	11	0	21

### Course Overview

Business is influenced by and impacts on the cultural, ethical, environmental, political and economic conditions of the day. Topics covered include marketing, sources of finance, human resources, communication and types of business. Students will work in groups to produce a product to sell at market day.

### Assessment

NCEA Level 1 Achievement Standards

Internal	12 credits
External	8 credits
Total	20 credits

### Foundation Skills

Students do **not** have to have taken 9BET or 10BET.

### Where does this course lead to?

This course will provide a strong background for students wishing to student level 2 Business Studies.

### Subject specific costs:

NZQA	
Course book and booklets	\$35.00

## Chinese (Mandarin)

11CHI

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	5	5	5

### Course Overview

Students will cover the themes of introductions, classroom, weather, shopping, times and dates, family, describing people and homes, daily routines, town and around, sport and leisure, locations, eating and drinking, health, school life and travel using the four language skills. Competency in the three writing systems is increased. Cultural aspects are studied within the themes.

### Assessment

NCEA Level 1 Achievement Standards

Internal	14 credits
External	10 credits
Total	24 credits

### Foundation Skills

Level 4 proficient or better in 10CHI.

### Where does this course lead to?

11CHI leads to 12CHI.

### Subject specific costs:

NZQA	
Language Perfect	\$20.00

## Computing

11COM

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
11	27	19	7	28	27

### Course Overview

This course offers a range of credits related to common digital skills. It covers basic office applications, such as word processors, spreadsheets and databases, image editing skills, internet research, web publishing and basic computer components. Computer literacy is an essential and this course offers a great start for further education or employment.

### Assessment

Level 1 Unit Standards	18 credits
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### Foundation Skills

**Restriction:** Cannot be taken with 11DTS.

### Where does this course lead to?

This course will provide a strong background for students wishing to study Level 2 Computing.

### Subject specific costs:

Assessment Resources	\$20.00
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## Contemporary Māori Art

11CMA

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	4	0	22

### Course Overview

Students will generate and develop ideas in their work while extending their skills and techniques in mixed media art practices. They will investigate artist model conventions while exploring specific kaupapa Māori themes that will evolved into a folio board of work for the end of year external assessment. 11CMA offers experiences outside the classroom such as visiting the local art gallery, participating in art events, workshops or trips.

### Assessment

NCEA Level 1 Visual Art Achievement Standards

Internal	10 credits
External	12 credits
Total	22 credits

### Foundation Skills

10ART or 10NTO with an average of curriculum Level 4 in each standard.

**Restriction:** Cannot be taken with 11ART or 11DMA.



## Where does this course lead to?

This course leads into 12CMA, 12ART, 12DES, 12PHO and 12FMP.

## Subject specific costs:

NZQA

Materials \$50.00

## Contemporary Music Studies

11CMS

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	0	30

## Course Overview

This course is for students who enjoy instrumental playing in a contemporary style but have limited experience. The students will focus on an instrument or instruments and learn more advanced skills. They will learn how to construct their own compositions and to notate a score. This course may also include basic training in the use of PA and recording equipment.

## Assessment

NCEA Level 1 Standards

Internal 22 credits

External (optional) 8 credits

## Foundation Skills

Students working consistently at Curriculum Level 5 in 10MSN, both through the year and in the end of year examinations.

**Restriction:** students enrolling in this course who intend to complete the Performance Standards must be enrolled in instrumental or vocal tuition either through the College instrumental programme or with a private music teacher.

## Where does this course lead to?

This course leads on to NCEA Level 2 and 3 Contemporary Music Studies and in some cases NCEA Level 2 and 3 Music. The course may provide an avenue of study for more employment based skill development through units on the use of sound reinforcement.

## Subject specific costs:

NZQA

Itinerant tuition (if applicable)

Workbook \$20.00

## Dance

11DNC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	0	28

## Course Overview

This course provides students with skills and understanding in a wide range of dance styles.

Students will work collaboratively in groups to:

- develop an understanding of the components of dance
- choreograph solo and group dance works
- perform dance sequences
- analyse dance performances

## Assessment

NCEA Level 1 Dance

Internal 16 credits

External 4 credits

Total 20 credits

## Foundation Skills

Completion of 10DNC with Curriculum Level 5 or at the discretion of HOD via interview. Consistently 'good' learning competencies.

Minimum 80% attendance.

## Where does the course lead to?

Students completing this course with 14 Level 1 Dance credits will be able to continue on to the NCEA Level 2 Dance course.

## Subject specific costs:

Materials \$20.00

Workshops/guest tutors/performances (up to) \$100

## Design & Visual Communication

11DVC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
25	25	0	0	0	25

## Course Overview

Design & Visual Communication is a subject that will enable the students to conceptualise, develop and communicate design ideas and potential solutions within three areas of study, these being: Spatial Design; Product Design and Presentation Design. In studying Design & Visual Communication the student will develop skills in interpreting and communicating their own ideas and information in a range of different ways that enables them to clearly communicate with other people and the manufacturing world.

## Assessment

Both the Internal and External Achievement Standards are assessed through the presentation of portfolios.

NCEA Level 1 Achievement Standards



External	9 credits
Internal	16 credits
Total	25 credits

### Foundation Skills

10DVC Achieving at Level 4 or with the permission of the HOD Design Technology.

### Where does the course lead to?

Level 2 NCEA Design and Visual Communication.  
Pathways into the Construction, Manufacturing and Creative Industries and can include certificates at Levels 1-3 in Visual merchandising, Production Assistant, Lighting Technician, Painter and decorator.

### Subject specific costs:

NZQA	
Materials	\$20.00

Design Innovation						11 DIV
Construction & Infrastructure	Manufacture & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries	
18	22	22	8	0	22	

### Course Overview

This course offers a combination of practical and theoretical skills within the technology curriculum with the focus being mainly on hard materials. Students will use inquiry learning methods to look at a variety of technological outcomes in terms of design, human effects and environmental issues. Students learn how to critically analyse their outcomes, and use their analysis to design viable alternatives and then present these new ideas to an audience.

### Assessment

NCEA Level 1 Technology Achievement Standards	
Internal	16 credits
External	7 credits
Total	23 credits

### Foundation Skills

Design and Visual Communication and/or Technology course in Year 10 is preferred.

### Where does the course lead to?

Students will develop a conceptual product to produce an entry for the Young Innovator Awards competition.

### Subject specific costs:

NZQA	
Materials & resources	\$40.00

## Digital Media Art

11 DMA

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	4	0	22

### Course Overview

Students will generate and develop ideas based on a particular theme. Students will use appropriate processes and procedures to develop ideas in photography, design and moving image. Students will produce a body of work that demonstrates a sequential, coherent process using digital media.

### Assessment

NCEA Level 1 Visual Art Achievement Standards	
Internal	10 credits
External	12 credits
Total	22 credits

### Foundation Skills

10ART or 10NTO with an average of Curriculum Level 4 in each standard.

**Restriction:** Cannot be taken with 11ART or 11CMA.

### Where does this course lead to?

This course leads into 12CMA, 12ART, 12DES, 12PHO and 12FMP.

### Subject specific costs:

NZQA	
Materials	\$50.00
Folioboard Printing	\$40.00
Digital Camera with manual settings	
Adobe apps and Laptop or External hard-drive	

## Digital Technologies

11DTS

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	19	13	10	0	19

### Course Overview

The world is now full of exciting digital careers that did not exist a few years ago. This course is aimed at students who have good software and literacy skills, and who wish to continue to develop and apply these. The course offers Achievement Standards in computing science, information management, web design, and programming. This course is ideal for students to acquire relevant modern skills and learn using the latest digital methods.

### Assessment

NCEA Level 1 Achievement Standards	
Internal	13 credits
External	6 credits
Total	19 credits

## Foundation Skills

Suitable achievement in 10COM or a request made to HOD

**Restriction:** Cannot be taken with 11COM.

## Where does the course lead to?

This course will provide a strong background for students wishing to study Level 2 Digital Technologies.

## Subject specific costs:

Assessment Resources \$20.00  
NZQA - students need to provide their own earphones.

Drama						11DRA
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	0	22	0	22	

## Course Overview

This practical course fosters confidence, creativity and communication. Students will work collaboratively in groups on the following:

- Presenting scripted scenes
- Developing acting skills/techniques
- Devising their own performances
- Understanding styles of theatre from history

There is a written component to each practical assessment and students will be working towards a written external examination. Students will have the opportunity to view at least one professional theatre performance during the year.

## Assessment

NCEA Level 1 Achievement Standards  
Internal 14 credits  
External 4 credits  
Total 18 credits

## Foundation Skills

Completion of 10DRA with Curriculum Level 5 or at the discretion of HOD via interview.

Consistently 'good' learning competencies.

Minimum 80% attendance rate.

## Where does the course lead to?

Students completing this course with 12 Level 1 Drama credits will be able to continue on to the NCEA Level 2 Drama course.

## Subject specific costs:

Materials \$20.00  
Theatre visit (approx) \$75.00

## Early Childhood Education

11ECE

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	3	7	0	15	13

## Course Overview

Students will develop an awareness of the responsibility of parenting and the importance of the caregiver managing their personal wellness. They will gain confidence in the practical aspects of caring for young children through studying the stages of development and through learning how a child's basic needs are met. Students will gain knowledge about child-focused organisations in our community. This course is suited to Year 11 students.

## Assessment

NCEA Level 1 Unit Standards 11 credits  
NCEA Level 2 Unit Standards 6 credits  
Total 17 credits

## Foundation Skills

None.

## Where does the course lead to?

Midwifery, Nursing, Primary Teaching, Early Childhood Education tertiary courses.

## Subject specific costs:

NZQA  
Materials \$10.00

## Economics

11ECO

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	20	20	3	20

## Course Overview

This course develops an understanding of economic concepts related to consumer choice, demand and supply. The operation of the market and the role of producers, resources and their use in production will be investigated alongside relationships between sectors of the economy.

## Assessment

NCEA Level 1 Achievement Standards  
Internal 12 credits  
External 12 credits  
Total 24 credits

## Foundation Skills

Working mostly at Curriculum Level 5. Students do not have to have taken 9BET or 10BET.

## Where does this course lead to?

This course will provide a strong background for students wishing to study Level 2 Economics.

**Subject specific costs:**

NZQA

Workbook(s) \$30.00

**Food & Nutrition**

11FNU

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	14	23	23	0

**Course Overview**

Students will develop an understanding of nutrition and health through the study of foods, the ability to plan, prepare and serve quality meals, and an understanding of individual needs. Practical cooking assessments are required. The course provides information on planning and preparing food for adolescents and demonstrates safe food handling skills. Analysis of nutritional information and the effects of advertising on food choices is also covered.

**Assessment**

NCEA Level 1 Achievement Standards

Internal 15 credits

External 8 credits

Total 23 credits

**Foundation Skills**

10FTY would be preferable or at HOD discretion.

**Where does the course lead to?**

Studying 12 Food and nutrition at NCEA Level 2.

Studying Hospitality at NCEA Level 2.

Students will have a good nutrition base to use in careers and courses in Nursing, sports studies and hospitality. It will also give them the skills required to prepare food for themselves and their families and good nutrition skills for life.

Combined with Biology and Chemistry this leads to tertiary study in food technology, nutrition and consumer food science.

**Subject specific costs:**

NZQA

Materials \$90.00

**French**

11FRE

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	5	5	5

**Course Overview**

Students will undertake a practical course using the four language skills covering topics such as travel, holidays, sport and leisure, communications, health and New Zealand. Some cultural aspects are covered within the units.

**Assessment**

NCEA Level 1 Achievement Standards

Internal 14 credits

External 10 credits

Total 24 credits

**Foundation Skills**

Level 4 proficient or better in 10 French.

**Where does this course lead to?**

11FRE leads to 12FRE.

**Subject specific costs:**

NZQA

NCEA Level 1 French (Renash) \$16.00

Language Perfect \$20.00

**Geography**

11GEO

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
4	0	21	24	3	17

**Course Overview**

Geography is concerned with the natural and human environments and how they interact, creating issues in the world today. These include sustainable management of resources, how we cope with natural hazards, and geographic use of Google Earth and ArcGIS Online. Geography also covers practical fieldwork skills, group skills, mapping, critical thinking and problem solving.

There are two field trips: one to Waitomo Caves and the other locally.

**Assessment**

NCEA Level 1 Achievement Standards

Internal 13 credits

External 8 credits

Total 21 credits

**Foundation Skills**

Students working mostly at Curriculum Level 5 through the year in 10SOS.

**Co-requisite:** 11ENG.**Where does this course lead to?**

This course leads into 12GEO which continues to look at how geography is a multifaceted discipline that bridges the social sciences, the humanities, and the physical sciences.

**Subject specific costs:**

NZQA

Field trips and workbooks approx \$160.00

## German

11GER

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	5	5	5

### Course Overview

Students will engage in a practical course using the four language skills. Some cultural aspects are covered within the units.

### Assessment

NCEA Level 1 Achievement Standards

Internal	14 credits
External	10 credits
Total	24 credits

### Foundation Skills

Level 4 proficient or better in 10GER.

### Where does this course lead to?

11GER leads to 12GER.

### Subject specific costs:

NZQA	
Language Perfect	\$20.00

## Health Studies

11HTH

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	20	20	20	24

### Course Overview

Students are encouraged to develop a positive attitude towards their personal wellbeing and recognise the impact of decision making on their own personal health. There is consideration of issues facing young people in our community. The course includes wellbeing, managing change, nutrition, drug education, sexuality and communication skills.

### Assessment

NCEA Level 2 Achievement Standards

Internal	16 credits
External	8 credits
Potential Total	24 credits

### Foundation Skills

Achieving consistently at Curriculum Level 5 in the Junior Health programme.

### Where does this course lead to?

This course allows students to pathway into health related vocations. Further work in Years 12 and 13 helps students access certificates, diplomas and degrees necessary for working with people. (This course is not a prerequisite should a student wish to study Year 12 or Year 13 Health).

### Subject specific costs:

NZQA	
Materials and workbook	\$35.00

## History

11HIS

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	8	20	24

### Course Overview

Students develop a good awareness about the world, and further develop their academic skills which are emphasised in the teaching and learning of this subject. Students study three topics: Origins of World War 2; Civil Rights in America/New Zealand; New Zealand in the World.

### Assessment

NCEA Level 1 Achievement Standards

Internal	12 credits
External	12 credits
Total	24 credits

### Foundation Skills

Students working at Curriculum Level 5 through the year in 10SOS.

**Co-requisite:** 11ENG.

### Where does this course lead to?

This foundation course introduces key skills and events of significance in the 20<sup>th</sup> and 21<sup>st</sup> centuries. Skills learnt in this course and honed in Y12 and Y13 are the basis of the Scholarship Exam for this subject. Events highlighted in this Course shaped the world and New Zealand as we know it. One subject standard covered emphasises the acquisition of good research and referencing skills which is important across all disciplines and subjects, at all levels.

### Subject specific costs:

NZQA	
Topic workbooks/materials	\$20.00

## Hospitality Foundation Skills (A)

11/12/13HFA\*

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	10	0	0

### Course Overview

An introduction to the world of hospitality using safe hygiene and cooking skills to make and present a variety of food products.

## Assessment

Industry Qualification Services Unit Standards

Level 1 9 credits

Total 9 credits

## Foundation Skills

None.

**Co-requisite:** Another ½ year course.

## Where does the course lead to?

Hospitality Level 2

## Subject specific costs:

Materials \$30.00

Service IQ books & levies \$35.00

Hospitality Foundation Skills (B)					
11/12/13HFB*					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	10	0	0

## Course Overview

This course can be taken after HFS (A) or as a stand-alone course, making and presenting other food products.

## Assessment

Industry Qualification Services Unit Standards

Level 1 9 credits

Total 9 credits

## Foundation Skills

None.

**Co-requisite:** Another ½ year course.

## Where does the course lead to?

Hospitality Level 2

## Subject specific costs:

Materials \$30.00

Service IQ books & levies \$35.00

Language Perfect \$20.00

Materials Technology					
11/12/13MTY*					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
32	13	29	0	0	0

## Course Overview

A workshop based practical skills course that enables students to gain a range of credits from Technology based Achievement Standards. The focus of this course will be on practical skills and knowledge with evidence being supported by written documentation.

## Assessment

NCEA Achievement Standards Level 1 10 credits

## Foundation Skills

None. 10MTY would be of advantage, but not essential.

## Where does the course lead to?

Level 2 NCEA Materials Technology.

Continues to develop the students understanding of the technological processes and how they interact within the Construction, Manufacturing and Creative Industries. Materials Technology can lead on to Certificates in

A range of occupations such as Painter and Decorator, Picture Framing, Production Assistant (Film, Television and Stage).

## Subject specific costs:

NZQA

Materials \$75.00

Music					
11MUS					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	0	30

## Course Overview

Students will study musical history from the Baroque Period through to contemporary music. Composition skills will be further developed and the students will learn to notate music by ear. Performance as a soloist and as part of a group will also feature in this course.

## Assessment

NCEA Level 1 Achievement Standards

Internal 22 credits

External 8 credits

Total 30 credits

## Foundation Skills

Students working consistently at Curriculum Level 5 in 10MUS, both through the year and in the end of year examinations.

**Restrictions:** Students enrolling in this course **must** be enrolled in instrumental or vocal tuition either through the college instrumental programme or with a private music teacher. Cannot be taken with 11CMS.

## Where does this course lead to?

This course leads on to NCEA Level 2 and 3 Music and from there into tertiary study or employment in professions based around or involving music.

## Subject specific costs:

NZQA

Itinerant Tuition (if applicable)

Workbooks (3) total for the 3 - \$30.00



## Māori Performing Arts

11MPA

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	0	0

### Course Overview

This course will extend the students' knowledge of Māori Performing Arts in the three disciplines of historical development of Māori Performing Arts, performing arts brackets, and whakaraka at an advanced level.

### Assessment

Internally assessed Level 3 Unit Standards 22 credits

### Foundation Skills

Achieved four or more unit standards in 10NMR.

### Where does the course lead to?

This course leads to tertiary studies in Performing Arts eg Bay of Plenty Polytechnic Diploma in Music Production and Performance - Te Kamakama Level 6.

### Subject specific costs:

NZQA

Workbook \$10.00

Materials (optional) \$20.00

## Physical Education

11PED

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	9	24	24	24

### Course Overview

This course is for students who enjoy participation in physical activity. This course will focus on involvement in practical activities with theory work to support. Students gain a greater understanding of how being active contributes to positive wellbeing. Module themes include the moving body, society and physical activity, the body's response to exercise and skills when involved in a team. Both individual and team activities are completed in a range of learning environments.

### Assessment

NCEA Level 1 Achievement Standards

Internal 24 credits

Total 24 credits

### Foundation Skills

The completion of Year 10 Physical Education and Health programme and achieving consistently at Curriculum Level 5.

### Where does this course lead to?

This course allows students to pathway into people related work and vocations with a particular focus in

movement, sport, leisure, health and recreation. Further work in Years 12 and 13 helps students access certificates, diplomas and degrees required for vocations such as nursing, teaching, social work, sports science, coaching, health promotion, event management, occupational therapy, physiotherapy, midwifery, pharmacy, chiropractor are examples of some possible opportunities. (This course is not a prerequisite should a student wish to study Year 12 Physical Education)

### Subject specific costs:

Stationery \$25.00

Field trip approx. \$30.00

Additional field trips may be offered

## Self Defence

11/12/13SED\*

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	9	0	9	9

### Course Overview

Students will be encouraged to develop confidence as young women in the community. They will learn to recognise potentially stressful situations in everyday life and be encouraged to develop a positive approach to being safe in the community. Such situations as inappropriate text messages, cyber bullying, prowlers and unwanted attention from others will be considered. Personal self-esteem through mental toughness will be promoted and strategies to develop clear analytical thinking will be practised. They may gain an understanding of the law, human rights and community services available to help people. Emphasis will be on promotion of useful life skills.

### Assessment

NCEA Level 1 Unit Standards 6 credits

NCEA Level 2 Unit Standards 4 credits

Potential Total 10 credits

All Unit Standards internally assessed

### Foundation Skills

Positive self-management skills and commitment to learning

### Co-requisite

Any other ½ year course.

### Where does this course lead to?

This course may allow students to pursue vocational training in the Armed Forces. Students will develop skills that acknowledge an awareness of vocational opportunities in social services eg police work, counselling work.

### Subject specific costs:

NZQA

Materials \$10.00

Field trips may be offered

## Smart Steps

11SMS

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	7	14	3	14	9

### Course Overview

This course offers a varied programme of Life Skills and job-related units including team building, an Essential First Aid Course, computing skills for survival, personal development and presentation. Have a go at a range of interesting activities. The course is suited to students who are working below Curriculum Level 4 in most 10ENG standards.

### Assessment

NZQA Unit Standards Level 1	19 credits
NZQA Unit Standards Level 2	1 credit
Total of a minimum of	20 credits

### Foundation Skills

Year 10 student achieving at Level 4 or below.

### Where does the course lead to?

- Future Directions: 12FDS
- Employment and/or further training
- Vocational Pathways

### Subject specific costs:

NZQA	
Materials	\$10.00

## Social Studies

11SOS\*

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	4	8	4	4

### Course Overview

This half-year course offers students an opportunity to expand on the knowledge, skills and experiences gained in 10SOS. Students will look at the causes and effects of social issues that relate to identity, culture and organisation. This course is aimed at a pace in which students will experience success in their classroom and assessment pieces. The two assessments will also help students gain credits towards their literacy and numeracy requirements for NCEA Level 1.

### Assessment

Level 1 Achievement Standards	8 credits
Total	8 credits

### Foundation Skills

None

### Co-requisite

Any other ½ year course.

## Where does this course lead to?

This half-year course is a sound foundation course for students who are wishing to study 12SCY or 12TRM.

### Subject specific costs:

NZQA

## Spanish

11SPA

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	5	5	5

### Course Overview

Students now need to have completed 10SPA to do this course. This is no longer a beginners course. Students will develop the four skills of listening, reading, writing and speaking to complete NCEA Level 1. Students will cover topics such as family and introductions, food, school and survival language for travel. Cultural aspects are studied within the themes.

### Assessment

NCEA Level 1 Achievement Standards	
Internal	9 credits
External	10 credits
Total	19 credits

### Foundation Skills

Level 4 Proficient or higher in 10SPA. Must enjoy oral work.

### Where does the course lead to?

11 SPA leads to 12SPA

### Subject specific costs:

NZQA Renash workbook	\$16.00
Language Perfect	\$20.00

## Sport & Recreation

11SPR

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	4	12	12	12

### Course Overview

This course allows students to be involved in regular physical activity. A wide range of fitness and sporting activities will be covered. Students will have the opportunity to work with others in a sports context to extend their knowledge base in several main sports including softball, netball and touch. Students must demonstrate the ability to work well in a team situation and demonstrate fair play at all times. Log book work will be completed for assessment.

## Assessment

NCEA Level 1 Achievement Standards

Internal	12 credits
Total	12 credits

## Foundation Skills

Achievement in the Learning Competencies in Year 10 Physical Education.

## Where does the course lead to?

This course may allow students to pathway into sport and recreation courses. Further work in Years 12 and 13 helps students access certificates, and diplomas necessary for work with people such as event management, personal training and leaders of school holiday programmes.

## Subject specific costs:

NZQA	
Materials	\$10.00
Field trips may be offered	

## Te Ao Māori

11TMR

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	4	0	11	25

## Course Overview

This course will develop and/or enhance students' understanding of Te Ao Māori [the Māori world] including traditional Māori social and cultural aspects. It is designed to provide students with both theoretical knowledge and practical experiences to enhance learning and engage students in the world of Māori.

## Assessment

Level 1 & 2 Unit Standards	25 credits
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## Foundation Skills

None.

## Where does this course lead to?

This course leads to 12TAH.

## Subject specific costs:

Materials	\$10.00
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## Te Reo Māori

11TRR

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	30	30	30	30

## Course Overview

This course includes achievement standards in speaking, listening, reading and writing in Te Reo Māori. Tikanga and cultural aspects of protocol will

also be studied through specific topics. Students will use these language skills to study various topics such as: Kei te Kainga, kei te Kura, Hui Marae and Te Ao Taiōhi.

## Assessment

NCEA Level 1 Achievement Standards

Internal	18 credits
External	12 credits
Total	30 credits

## Foundation Skills

Level 4 proficient or better in 10TRR or 10TRW.

## Where does this course lead to?

Students can continue this course of study in 12TRR and study towards NZQA Level 2 Achievement Standards where students can gain up to 28 credits.

## Subject specific costs:

NZQA	
Materials	\$10.00

## Textiles Technology

11TTY

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
3	5	4	1	0	3

## Course Overview

Year 11 builds on the knowledge gained in 10TTY. Students will use basic practical skills to make products. They will carry out a technology project that includes brief development, research, testing and a finished product. Students will also be able to gain Level 1 Literacy credits and there is the opportunity to gain subject endorsements. Students are expected to provide their own materials although the basics such as calico and interfacing will be made available.

## Assessment

NCEA Level 1 Achievement Standards

Internal	14 credits
External	7 credits
Total	21 credits

## Foundation Skills

10TTY or with permission of the Head of Department. Must not be taken with Practical Textiles.

## Where does the course lead to?

- 12TTY
- 13TTY
- Fashion School, Design School or other higher education course
- Employment

## Subject specific costs:

NZQA	
Materials (excluding fabrics, including toiles)	\$40.00



# Year 12

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**Note:** \* = ½ year course

# Core Subjects

## English

12ENG

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
21	18	21	21	18	21

### Course Overview

This course is a mainstream academic course. It teaches analytical and thinking skills through a study of literature and other tasks. Included in the course are the writing standard and a presentation unit. 12ENG enables achievement of the Level 2 Literacy qualification necessary for tertiary study but requires achievement in the externals to achieve this. (Recommended course for tertiary entrants).

### Assessment

NCEA Level 2 Achievement Standards

Internal	9 credits
External	12 credits
Potential Total	21 credits

### Foundation Skills

Level 1 Literacy, 4 or more Level 1 Achievement standards from 1.1; 1.2; 1.3; 1.4; 1.5; 1.8.

### Where does the course lead to?

This course leads to 13ENG/13ENL depending on Achievement levels. 13ENG and 13ENL have approved University Entrance course credits.

### Subject specific costs:

NZQA	
Materials	\$10.00

## English Language & Literacy

12ENL

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
18	18	18	18	18	18

### Course Objectives

This is a **Level 2** course for Year 12 students who did not meet the Foundation Skills for 12ENG. The course includes a study of literature, the writing standard, and responses to self-read texts. It covers less than 12 ENG. It is slower paced than 12ENG but will encourage students to think critically and communicate clearly. It has no Level 3 standards or credits. It is possible to achieve the Level 2 Literacy qualification required for tertiary studies in this course provided the student achieves the written text question in the externals. (It is an option for Year 13 students who require Level 2 English for some tertiary courses.) It is not a suitable pathway for students from 11 ENP.

### Assessment

NCEA Level 2 Achievement Standards

Internal	(optional + 4) 10 credits
External	(optional +4) 8 credits
Total	(+ 8 optionals) 18 credits

### Foundation Skills

Three or fewer Level 1 Achievement standards from 1.1, 1.2, 1.3, 1.4, 1.5, 1.8.

### Where does this course lead to?

This course leads to 13ENL depending on Achievement levels. 13ENL has approved University Entrance course credits.

### Subject specific costs:

NZQA	
Materials	\$10.00

## English in Progress

12ENP

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
14	14	20	14	14	20

### Course Overview

This course is for students who may need an extra year to reach the skill levels required by NCEA Level 1 English and/or to achieve some Level 2 credits towards a Level 2 qualification. The course is internally assessed. It is a pathway to enable achievement of Level 1 Achievement Literacy, if this is not yet achieved. The standards offered are not the same as those offered in 11ENP.

Level 2 English credits **may** be acquired in a few standards if the student's work for a Level 1 standard meets the requirements for Level 2. Some Level 2 Communication Skills Unit Standards are now part of the course. These do not provide literacy but will add to the students' overall credits towards achieving Level 2 as a qualification.

It is **not** an English subject Level 2 course. A student cannot achieve Level 2 literacy through this course.

### Assessment

Unit Standards (generic) Internal	6 credits
Achievement Standards (English) Internal	14 credits
Total	20 credits

### Foundation Skills

11ENP or, achieved fewer than 2 NCEA Level 1 Achievement Standards from 1.1, 1.2, 1.3, 1.4, 1.5, 1.8.

### Where does this course lead to?

Students may move to 13ENP (Level 2 Standards) depending on Achievement levels.

### Subject specific costs:

NZQA	
Materials	\$10.00

# Option Subjects

## Accounting

12ACC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	8	0	23

### Course Overview

Students gain a more in-depth look into Accounting systems and processes, including the computer based software Xero, that prepare students for Accounting at NCEA Level 3 and beyond.

### Assessment

NCEA Level 2 Achievement Standards

Internal	14 credits
External	9 credits
Total	23 credits

### Foundation Skills

12 credits in Level 1 NCEA Accounting or at discretion of HOD Business Studies.

### Where does the course lead to?

This course will provide a strong background for students wishing to study Level 3 Accounting.

### Subject specific costs:

NZQA	
Resources	\$15.00

## Biology A

12BYA

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	22	0	12	0

### Course Overview

An academic NCEA course where students investigate various living organisms, their environment and biological processes in order to acquire a working knowledge of the concepts of Biology. This is an ideal preparation for Year 13 Biology and beyond.

### Assessment

NCEA Level 2 Achievement Standards

Internal	10 credits
External	12 credits
Total	22 credits

### Foundation Skills

16 credits in Level 1 NCEA Science, including AS90948 and AS90950.

### Where does the course lead to?

13BIO, 13SCI

### Subject specific costs:

NZQA

Field trip - to be confirmed	approx \$15.00
Education Perfect (covers CHE & PHY)	\$20.00
Scipad	\$20.00

## Biology B

12BYB

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	18	0	11	0

### Course Overview

An academic NCEA course in Biology designed for students needing Level 2 Biology for their course/career and who may choose not to carry on to Level 3 Biology. There will be slight differences between Biology A and B including fewer external standards in B and slightly reduced entry requirements.

### Assessment

NCEA Level 2 Achievement Standards

Internal	10 credits
External	8 credits
Total	18 credits

### Foundation Skills

12 credits in Level 1 Science, including AS90948.

### Where does the course lead to?

13BIO (on negotiation with HOD Science) or 13SCI.

### Subject specific costs:

NZQA	
Field trip - to be confirmed	approx \$15.00
Education Perfect (covers CHE & PHY)	\$20.00
Scipad	\$20.00

## Business Studies

12BST

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	15	14	0	23

### Course Overview

Students will gain knowledge, skills and experience to understand how large businesses make decisions. Issues such as sustainability, citizenship and enterprise. This subject will assist with career options in marketing, business law, human resources and communication.

### Assessment

NCEA Level 2 Achievement Standards

Internal	15 credits
External	8 credits
Total	23 credits

## Foundation Skills

13 credits in Level 1 Business Studies or if haven't taken 11BST, 10 credits in Level 1 English. Or at the discretion of HOD Business Studies.

## Where does the course lead to?

This course will provide a strong background for students wishing to study Level 3 Business Studies Foundation skills please change to: Level 1 literacy or at the discretion of the HOD Business Studies.

## Subject specific costs:

NZQA

Course booklet & photocopying, inc class trip \$30.00

Chemistry						12CHE
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
23	23	23	4	23	23	

## Course Overview

An introduction to basic chemical principles by studying the reactions involved with solutions, acids and bases and organic substances. Year 12 Chemistry is a pre-requisite for many courses and careers, eg health science, engineering and Year 13 Chemistry.

## Assessment

NCEA Level 2 Achievement Standards

Internal	10 credits
External	13 credits
Total	23 credits

## Foundation Skills

16 credits in Level 1 NCEA Science, including AS90944. Competence in Mathematics (12MAE/MAT) is also recommended.

## Where does the course lead to?

13CHE, 13SCI

## Subject specific costs:

NZQA

Education Perfect (covers BIO & PHY)	\$20.00
Workbook	\$20.00

Classical Studies						12CLS
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	0	4	0	24	

## Course Overview

Students study the culture, history and thought of the civilisations of Ancient Rome and Greece and their links with the modern world. Topics include the development of demos kratos (democracy) with a focus on the reforms of Cleisthenes and his impact on

Athens; Homer's epic poem the Iliad and vase painting and art and architecture of Ancient Greece.

## Assessment

NCEA Level 2 Achievement Standards

Internal	10 credits
External	14 credits
Total	24 credits

## Foundation Skills

16 credits in Level 1 History or any 4 Achievement Standards of 1.1-1.5 & 1.8 in Level 1 English.

## Where does this course lead to?

This course leads to Level Three Classical Studies and is an introduction to the worlds of ancient Greece and Rome. The content of the course helps with the development of key skills such as critical thinking, research skills and the understanding of important social and cultural traditions.

## Subject specific costs:

NZQA

Course materials	\$20.00
Iliad Text	\$15.00

Contemporary Māori Art						12CMA
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	0	4	0	24	

## Course Overview

Students will deepen their knowledge and understanding of Contemporary Māori Art as they show their thinking in the form of a related series of artworks. They will show understanding of art making conventions, methods and ideas as they critically select, edit and order their work to produce new works for an external assessment folio board.

## Assessment

NCEA Level 2 Visual Art Achievement Standards

Internal	8 credits
External	12 credits
Total	20 credits

## Foundation Skills

11CMA or 11ART (16 credits) or at the discretion of the HOD Art.

**Restriction:** Cannot be taken with 12ART.

## Subject specific costs:

NZQA

Materials	\$60.00
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## Computing

12COM

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
20	25	6	8	20	20

### Course Overview

This course offers a range of credits related to common digital skills. It covers basic office applications, such as word processors, spreadsheets and databases, image editing skills, internet research, web publishing and basic computer components. Computer literacy is an essential tool to enhance your career and this course provides a great addition for further education or employment.

### Assessment

Level 2 Unit Standards 18 credits

### Foundation Skills

**Restriction:** Cannot be taken with 12DTS.

### Where does the course lead to?

13COM or tertiary study.

### Subject specific costs:

Assessment Resource \$20.00  
Students will need own earphones.

## Contemporary Music Studies

12CMS

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	0	30

### Course Overview

This course has an emphasis on Contemporary Music and builds on the theoretical and practical skills developed in 11MSN. Students will progress towards Level 2 in the core areas of performance, technology, composition and musical knowledge.

### Assessment

NCEA Level 2 standards

Internal up to 19 credits  
External up to 14 credits  
Total 33 credits

### Foundation Skills

Achieved grade or higher in 11CMS 1.1, 1.3, 1.5 and 1.6 or Grade 4 (or equivalent standard) in music theory and 4 years of instrumental or vocal tuition.

**Restrictions:** students enrolling in this course who intend to complete the Performance Standards must be enrolled in instrumental or vocal tuition either through the College instrumental programme or with a private music teacher.

## Where does this course lead to?

This course leads on to an individualised programme delivered as part of the 13 MUS course that focuses on the students individual interests and strengths.

### Subject specific costs:

Itinerant Tuition fee (if applicable) \$20.00  
Workbooks (2) \$20.00

## Dance

12DNC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	0	34

### Course Overview

This course builds upon skills learnt in 11DNC, providing students with the opportunity to explore a range of dance styles and choreograph dance sequences. Students will have the opportunity to work with an acclaimed NZ dance company, perform in the national competition 'Dance NZ Made', and attend live dance performances as they arise.

### Assessment

NCEA Level Two Achievement Standards

Internal 16 credits  
External 4 credits  
Total 20 credits

Extra assessment standards can be negotiated with the subject teacher.

### Foundation Skills

14 credits in NCEA Level 1 Dance.

### Where does the course lead to?

Students completing this course with 14 Level 2 Dance credits will be able to continue on to the NCEA Level 3 Dance course.

### Subject specific costs:

Materials \$20.00  
Dance workshops/guest tutors  
Live performances (up to) \$100  
Students would find it advantageous to have access to an MP3 player/Spotify.

## Design & Visual Communication

12DVC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
26	26	7	7	0	29

### Course Overview

Students will continue to develop their ability to conceptualise, develop and communicate design ideas and potential solutions specialising in the areas of Spatial Design, Product Design and Visual

Communication Techniques. Design & Visual Communication is a design based course with all assessment evidence being developed from a Design Brief and presented as a Portfolio. They will develop through activities in Design & Visual Communication an appreciation and aesthetic awareness of design's impact on people and the environment.

### Assessment

Evidence for both the Internal and External Achievement Standards will be in the form of portfolios.

NCEA Level 2 Achievement Standards

Internal	19 credits
External	9 credits
Total	28 credits

### Foundation Skills

12 NCEA Level 1 Curriculum credits in Design & Visual Communication or with the permission of the HOD Design Technology.

### Where does the course lead to?

Level 3 NCEA Design and Visual Communication. Diplomas at Levels 4-6 in the Construction, Manufacturing and Creative Industries. These include areas as diverse as, Interior Designer, Jeweller, Television Camera operator, Public Relations. Exhibition Technician, Cabinet Maker, Electronics Trades Worker.

### Subject specific costs:

NZQA	
Materials	\$20.00

## Design Innovation

12 DIV

Construction & Infrastructure	Manufacture & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
14	22	14	4	0	22

### Course Overview

The Design Innovation course offers a combination of practical and theoretical skills within the technology curriculum. Students will use inquiry learning methods to look at a variety of technological outcomes in terms of design, human effects and environmental issues. Students learn how to critically analyse these outcomes, and use their analysis to design viable alternatives and then present these new ideas to an audience.

### Assessment

NCEA Level 2 Technology Achievement Standards

Internal	16 credits
External	7 credits
Total	23 credits

### Foundation Skills

Design and Visual Communication and/or Design Innovation preferred not essential.

### Where does the course lead to?

Study within the Technology Curriculum.

### Subject specific costs:

NZQA	
Materials & resources	\$40.00

## Digital Technologies

12DTS

Construction & Infrastructure	Manufacture & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
0	21	3	0	0	18

### Course Overview

Building on skills from 11DTS, students will solve three real world problems. The problems are based around three skill sets; information management, digital media and computer programming.

**Information management** involves studying a local business to determine how their information system is used to manage shared information and how effective their system is. Future years we will move into social media analytics, and other digital data niche areas that have serious worker shortage.

**Digital media** involves providing a multimedia solution that can involve animation, video, sound editing and web production skills.

**Programming and computer science** involves understanding algorithms and creating basic computer programmes for a 3D graphic environment. In the future we hope to combine media and programming moving into areas such as full immersion Virtual Reality and gaming programming in Unity.

### Assessment

NCEA Level 2 Achievement Standards

Internal	14 credits
External	7 credits
Total	21 credits

### Foundation Skills

11DTS or at the discretion of the HOD Computing.

**Restriction:** Cannot be taken with 12COM.

### Where does the course lead to?

This course will provide a strong background for students wishing to study Level 3 Digital Technologies.

### Subject specific costs:

NZQA	
Assessment Resource	\$30.00
Students need to supply own earphones.	



## Drama

12DRA

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	5	0	26

### Course Overview

This course builds upon skills learnt in 11DRA and continues to develop confidence, creativity and communication. It involves students:

- studying key aspects of theatre history
- interpreting texts/scripts for performance
- devising their own performances
- producing and performing a play that is presented to the public.

There is a written component to each practical assessment and students will be working towards a written external examination.

Students will have the opportunity to view at least one professional theatre performance during the year, which is necessary to complete the external examination.

### Assessment

NCEA Level 2 Achievement Standards

Internal	18 credits
External	4 credits
Total	22 credits

Motivated students may complete optional Achievement Standards in negotiation with their teacher.

### Foundation Skills

12 credits in NCEA Level 1 Drama or at the HOD's discretion based on an interview and/or audition.

### Where does the course lead to?

Students completing this course with 12 Level 2 Drama credits will be able to continue on to the NCEA Level 3 Drama course.

### Subject specific costs:

Materials	\$25.00
Theatre Visit (approx)	\$75.00

## Early Childhood Education

12ECE

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	16	0

### Course Overview

This course covers the basic needs of young children, hygiene, attachment, settling young children, promoting health in early childhood, developing observation skills and studying the development of children. This course provides a basic grounding in Early Childhood Education and parenting skills.

## Assessment

Level 2 Unit Standards	18 credits
Total	18 credits

### Foundation Skills

10 credits in 11ECE or at HOD discretion

### Where does the course lead to?

Midwifery, Nursing, Primary Teaching, Early Childhood Education tertiary courses.

### Subject specific costs:

\$10.00

## Economics

12ECO

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	16	6	22

### Course Overview

Students will use economic concepts, models and statistical data to develop an awareness of the New Zealand scene and government policies relating to economic issues of trade, inflation, growth and employment.

### Assessment

NCEA Level 2 Achievement Standards

Internal	14 credits
External	8 credits
Total - up to	22 credits

### Foundation Skills

13 credits in Level 1 Economics or if haven't taken 11ECO, 14 credits in Level 1 English or at the discretion of HOD Business Studies.

### Where does the course lead to?

This course will provide a strong background for students wishing to study Level 3 Business Studies.

### Subject specific costs:

NZQA	
Workbook(s)	\$30.00

## Film & Media Production

12FMP

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	4	0	24

### Course Overview

This course offers theoretical and practical work in moving image production where students will learn the fundamentals of film making such as recording raw footage, handling and operating a video camera, writing concepts, editing using moving image software and using sound and lighting equipment. Quality films

will be selected for the annual Film Festival held at the Tauranga Art Gallery.

### Assessment

NCEA Level 2 Unit Standards	10 credits
NCEA Level 2 Achievement Standards	14 credits
Total	24 credits

### Foundation Skills

No pre-requisite required.

### Where does this course lead to?

This course leads into 13FMP.

### Subject specific costs:

NZQA	
Materials	\$50.00

## Food & Nutrition

12FNU

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	18	18	0

### Course Overview

Food & Nutrition is a subject where students will investigate nutritional concerns of groups, examine New Zealand eating patterns, look at the needs of a sports person with high energy needs and explore special food needs. This course allows students to study nutrition and social issues that affect them and others in the community.

### Assessment

NCEA Level 2 Achievement Standards	
Internal	10 credits
External	8 credits
Total	18 credits

### Foundation Skills

14 credits at 11FNU is advised or at HOD discretion

### Where does the course lead to?

Where does the course lead to?

Studying 13 Food and nutrition at NCEA Level 3.

Students will have a good nutrition base to use in careers and courses in Nursing, sports studies and hospitality.

Combined with Biology and Chemistry this leads to tertiary study in food technology, nutrition and consumer food science.

### Subject specific costs:

NZQA	
Materials	\$45.00

## French

12FRE

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	15	5	0

### Course Overview

Students will use the four language skills to study topics such as young people, fashion, the French-speaking world and film study. Students are encouraged to communicate in French.

### Assessment

NCEA Level 2 Achievement Standards	
Internal	14 credits
External	10 credits
Total	24 credits

### Foundation Skills

19 credits at NCEA Level 1 French.

### Where does this course lead to?

Leads to 12FRE.

### Subject specific costs:

NZQA	
Level 2 French (Renash)	\$16.00
Language Perfect	\$20.00

## Future Directions

23FDS

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	12	10	0	12

### Course Overview

To prepare students for work or further study. This course allows students to build on their NCEA achievement profile while working towards preparing for employment and/or further training. The context for learning will include: personal development, identity, self management skills (responsibility, participation and accountability), health and safety practices and employment skills. Two Tauranga Girls' College Certificates will be offered. They are the Certificate of Work Readiness and Certificate of Employability Skills.

Work experience for suitable students is offered through the Gateway programme. "Student for a Day" at Toi Ohomai is another opportunity.

### Assessment

NCEA Unit Standards Level 1	
NCEA Unit Standards Level 2	
NCEA Units Standards Level 3	

### Foundation Skills

None.



## Where does the course lead to?

- Employment
- Further study

## Subject specific costs:

NZQA

Materials \$20.00

Geography						12GEO
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
7	0	11	22	3	12	

## Course Overview

This is a course that studies the natural and cultural environments. It involves study of the South Island High Country; using ArcGIS Online to solve geographic problems in Tauranga; research in the Kaimai Range and the different perspectives on the use of 1080. Field trips are a day tramp in the Kaimais and a trip within Tauranga.

## Assessment

NCEA Level 2 Achievement Standards

Internal	11 credits
External	8 credits
Total	19 credits

## Foundation Skills

12 credits in Level 1 Geography or any 4 Achievement Standards of 1.1-1.5 & 1.8 in Level 1 English.

## Where does this course lead to?

This course leads to 13GEO. Employers often value geography students as they have sound analytical and conceptual skills. Geography students also take a holistic approach and develop a broad perspective in problem-solving. As observers and analysts there is a wide range of pathways a geography student could follow.

## Subject specific costs:

NZQA

Field trips and workbooks approx \$80.00

German						12GER
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	0	15	5	0	

## Course Overview

Students will use the four language skills to study German topics such as young people, trends, a film and some fairy tales. Cultural aspects of German-speaking countries are also studied.

## Assessment

NCEA Level 2 Achievement Standards

Internal	14 credits
External	10 credits
Total	24 credits

## Foundation Skills

19 credits NCEA Level 1 German.

## Where does this course lead to?

12GER leads to 13GER.

## Subject specific costs:

NZQA

Language Perfect \$20.00

Health Studies						12HTH
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	19	19	24	0	

## Course Overview

This course is a continuation of the Level 1 programme with the opportunity for students to focus in depth on health issues for themselves and others. Students will be encouraged to develop the ability to think and reflect critically about how to develop lifestyle habits that promote personal health and wellbeing. The course addresses needs within society with regard to healthy decision making by our young people.

## Assessment

NCEA Level 2 Achievement Standards

Internal	15 credits
External	5 credits
Potential Total	20 credits

## Foundation Skills

12 credits at Level 1 Health Studies/Physical Education/English or by application to the HOD Physical Education.

## Where does this course lead to?

This course allows students to pathway into health related vocations. Further work in Year 13 helps students access certificates, diplomas and degrees necessary for working with people and in people related support services. Such vocations as nursing, teaching, social work lab technician, podiatry, speech language work are examples of possible opportunities. (This course is not a prerequisite should a student wish to study Year 13 Health)

## Subject specific costs:

NZQA

Materials and workbook \$35.00

## History

12HIS

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	9	20	28

### Course Overview

Students study the events and developments that took place during the 19th and early 20th century, which have shaped our world today. Topics include Origins of World War I – from Tauranga to the Trenches, and the Russian Revolution 1917-53.

### Assessment

NCEA Level 2 Achievement Standards

Internal	14 credits
External	14 credits
Total	28 credits

### Foundation Skills

16 Achievement Standard credits in Level 1 History or any 4 Achievement Standards of 1.1-1.5 & 1.8 in Level 1 English.

### Where does this course lead to?

This course leads to 13HIS and builds on skills learned in Year 11. In this course we consider not just international events of significance to the world and New Zealand, but also new philosophies and political systems. This course should broaden your understanding of forces that shape the world in which we live and will appeal to those with an interest in political science, international relations, economics diplomacy, history and law.

### Subject specific costs:

NZQA	
Course materials	\$20.00

## Hospitality Services (A)

12HPA

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	25	0	0

### Course Overview

This course is designed to give students an introduction to the hospitality industry. Students will study food hygiene, catering, table and beverage service, customer service and will receive training in restaurant situations. The unit standard credits can be accredited towards a National Certificate in Hospitality.

### Assessment

Service Industry Qualification Unit Standards

Level 2	23 credits
Level 1	3 credits
Total	26 credits

## Foundation Skills

None

### Where does the course lead to?

Hospitality (B), Hotel Management Diploma or Bachelor degree, chef, caterer, cafe worker, bar manager, maître d', waitress, wine waiting.

### Subject specific costs:

Materials	\$90.00
Service Industry levies & books	\$65.00

## Japanese

12JAP

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	15	5	5

### Course Overview

Students will cover the themes of eating and drinking, family life and homes, leisure activities and the Japanese education system using the four language skills. The study of kanji is increased. Students begin to use the colloquial language and advanced grammatical structures. Cultural aspects are taught within the themes.

### Assessment

NCEA Level 2 Achievement Standards

Internal	14 credits
External	10 credits
Total	24 credits

### Foundation Skills

19 credits NCEA Level 1 Japanese (should include 1.5).

### Where does this course lead to?

12JAP leads to 13JAP.

### Subject specific costs:

NZQA	
Level 2 Japanese (Renash)	\$16.00
Language Perfect	\$20.00

## Legal Studies

12LEG

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	20	3

### Course Overview

The main objective of this course is for students to develop an awareness of the New Zealand legal system. Students will be introduced to the role of law in New Zealand society. They will gain an understanding of the legal process and consequences of criminal actions. Topics include Consumer Law; Rights and Responsibilities of Secondary School Students and the law relating to family relations.

Guest speakers from the community offer their insight into relevant topics. Students visit the District Court.

### Assessment

NCEA Level 2 Units Standard 20 credits  
Some can be awarded Achieved, Merit or Excellence grades

### Foundation Skills

Level 1 Literacy or approval from the HOD Business Studies.

### Where does the course lead to?

This course will provide a strong background for students wishing to study law, enforcement or understand the justice system.

### Subject specific costs:

NZQA/Class materials \$20.00

Mathematics						12MAT
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
10	10	13	13	13	18	

### Course Overview

This course is structured around the six Level 2 Achievement Standards delivered in this course, which are based on the New Zealand Curriculum. Students need to have mastered the work in 11MAT to be confident of successfully completing the Achievement Standards in this course. This course leads to 13MAT in Year 13, which is an approved UE subject.

### Assessment

NCEA Level 2 Achievement Standards  
Internal 14 credits  
External 4 credits  
Total 18 credits

### Foundation Skills

A minimum of 16 Level 1 credits from 11MAT or 11MAE. Must have Achieved at least one of the external Achievement Standards in 11MAT or 11MAE.

### Where does this course lead to?

Students completing this course successfully will be able to continue on to 13MAT.

### Subject specific costs:

NZQA  
Workbooks \$18.00

## Mathematics with Extensions

12MAE

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
15	15	21	12	8	23

### Course Overview

This is an academic course of study that prepares students for NCEA Level 3 Mathematics. It is structured around the six Level 2 Achievement Standards delivered in this course, which are based on the New Zealand Curriculum.

A graphics calculator is needed for this course. Student's use of their own laptop is advantageous.

### Assessment

NCEA Level 2 Achievement Standards  
Internal 10 credits  
External 13 credits  
Total 23 credits

### Foundation Skills

All 20 credits in 11MAE. Must have Merit or Excellence in AS 1.2 Algebra and Achieved in AS 1.3 Relations.

### Where does this course lead to?

Students completing this course successfully will be able to continue on to 13MAC and/or 13MAS.

### Subject specific costs:

NZQA  
Workbooks \$18.00

## Mathematics Applied

12MAP

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
5	5	14	11	6	14

### Course Overview

The course is structured into six units of learning. The units are based around learning mathematical skills for life that emphasise the practical application of Mathematics and include Unit Standards in Financial Literacy. The course is designed for those students who have a weaker background in Mathematics. Students must be aware that all credits in this course are Level 1.

### Assessment

NCEA Level 1 Achievement Standards  
Internal 11 credits  
NCEA Level 1 Unit Standards 6 credits  
Total 17 credits

### Foundation Skills

11MAP or 11MAT

## Where does the course lead to?

Students who complete this course to a high standard can make application to the Head of Department Mathematics to enter 12MAT.

### Subject specific costs:

NZQA

Workbooks \$18.00

## Mathematics Numeracy

12MAN\*

### Course Overview

This half year course is for students who have not completed the numeracy requirement for NCEA Level One. The course will continue the work covered in 11MAP and will cater for the individual needs of students, allowing them to complete the three Numeracy Unit Standards needed for NCEA Level 1 Numeracy. Where possible, students will also investigate further practical application of their mathematical skills, and undertake further Level 1 Standards.

### Assessment

Numeracy Unit Standards Level 1 10 credits

### Foundation Skills

11MAP, or any student who has not achieved the 10 Numeracy credits needed for NCEA Level 1.

**Restriction:** Cannot be taken with any other Mathematics course.

**Co-requisite:** Any other ½ year course.

### Subject specific costs:

NZQA

## Music

12MUS

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	0	37

### Course Overview

Students will undertake a more advanced programme of composition (including transcription and arranging skills), instrumental performance, studies in musical style and form, and aural notation. Each students programme is individualised so that the candidate may work to their strengths and interests.

### Assessment

NCEA Level 2 Achievement Standards

Internal up to 19 credits

External up to 14 credits

## Foundation Skills

Achieved Grade or higher in 11MUS 1.1, 1.3, 1.5 and 1.6 or grade 4 (or equivalent standard) in music theory and 4 years instrumental or vocal tuition.

**Co-requisite:** Students must be enrolled in either private or itinerant instrumental or vocal tuition either through the college or with a private teacher.

## Where does this course lead to?

This course allows for more advanced development of music skills that will lead on to Level 3 NCEA Music. For students intending to teach instrumental music privately or take up leadership roles in music groups in churches and community groups it provides a skill base that will support those roles. It also provides a pathway into some diploma level courses at Polytechnics.

### Subject specific costs:

NZQA

Itinerant Tuition (if applicable)

Workbooks (3) \$30.00

## Physical Education

12PED

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	3	19	11	19

### Course Overview

Students will be involved in practical modules of work supported by related theory and laboratory work. Topics include the role of physical activity for young people, exercise science principles and methods of training, psychology when applied to movement skills, skill analysis, performance of physical activity in an applied setting, and risks in the outdoors. A field trip to the Hillary Outdoor Centre, Turangi is completed in Term 1.

### Assessment

NCEA Level 2 Unit Standards 6 credits

NCEA Level 2 Achievement Standards

Internal 19 credits

Potential Total 25 credits

### Foundation Skills

12 credits at Level 1 Physical Education/Science/English or by application to the HOD Physical Education.

## Where does the course lead to?

This course allows students to pathway into people related work and vocations with a particular focus in movement, sport, leisure, health and recreation. Students will be able to access certificates, diplomas and degrees at polytechnic or university. Such vocations as nursing, teaching, social work, sports science, coaching, health promotion, event

management, occupational therapy, physiotherapy, midwifery, pharmacy, chiropractor are examples of some possible opportunities. (This course is not a prerequisite should a student wish to study Year 13 Physical Education)

### Subject specific costs:

NZQA	
Workbook	\$25.00
Field trips	(approx) \$400.00

Physics						12PHY
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
20	20	16	0	20	20	

### Course Overview

An academic NCEA course where students are able to apply the laws of physics to familiar and unfamiliar situations, design and perform experiments, organise and present data and come to logical solutions.

### Assessment

NCEA Level 2 Achievement Standards	
Internal	4 credits
External	16 credits
Total	20 credits

### Foundation Skills

16 credits in Level 1 NCEA Science including AS90940 and AS 90941. 11MAE including competency in Trigonometry and Algebra also recommended.

**Co-requisite:** 12MAE is recommended

### Where does the course lead to?

13PHY, 13SCI

### Subject specific costs:

NZQA	
Optional field trip - cost to be advised approx	\$80.00
Education Perfect (covers BIO & CHE)	\$20.00
Workbook	\$25.00

Practical Art						12PRA
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	0	0	0	20	

### Course Overview

Students will generate and develop ideas using drawing processes and procedures in painting practice. They will produce a body of work within Painting to show understanding of art making methods and ideas. External work is marked by submitting a folio consisting of two A1 panels.

### Assessment

NCEA Level 2 Achievement Standards	
Internal	8 credits
External	12 credits
Total	20 credits

### Foundation Skills

NCEA Level 1 Art - (16 credits) or at the discretion of the Head of Department.

**Restriction:** Cannot be taken with 12CMA.

### Where does this course lead to?

This course leads into 13ART, 13DES, 13PHO and 13FMP.

### Subject specific costs:

NZQA	
Materials	\$60.00

Practical Art -Design						12PRD
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	0	4	0	24	

### Course Overview

Students will generate and develop ideas using drawing processes and procedures in design practice. They will produce a body of work within Design to show understanding of art making methods and ideas. External work is marked by submitting a folio consisting of two A1 panels. Students will learn to use Photoshop and Illustrator.

### Assessment

NCEA Level 2 Achievement Standards	
Internal	12 credits
External	12 credits
Total	24 credits

### Foundation Skills

Level 1 NCEA Art (16 credits) or at the discretion of the HOD Art.

### Where does this course lead to?

This course leads into 13ART, 13DES, 13PHO and 13FMP.

### Subject specific costs:

NZQA	
Materials	\$60.00
Folioboard printing depending on place of printing	approx \$50.00



## Practical Art -Photography

12PHO

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	4	0	24

### Course Overview

Students will generate and develop ideas using drawing processes and procedures in photography practice. They will produce a body of work within Photography to show understanding of art making methods and ideas.

External work is marked by submitting a folio consisting of two A1 panels.

### Assessment

NCEA Level 2 Achievement Standard

Internal	12 credits
External	12 credits
Total	24 credits

### Foundation Skills

NCEA Level 1 Art - (16 credits) or discretion of HOD.

### Where does this course lead to?

This course leads into 13ART, 13DES, 13PHO and 13FMP.

### Subject specific costs:

NZQA

Photography printing paper purchased during the year

Materials \$60.00

Folioboard printing \$80.00

## Science

12SCI

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
9	9	19	0	16	9

### Course Overview

This internal Science course involves all aspects of science with particular emphasis on Health Science and factors affecting humans and our interactions with the world around us. It is an internal course with achievement standards.

### Assessment

NCEA Level 2 Achievement Standards

Internal	15-19 credits
Total	15-19 credits

### Foundation Skills

10 or more credits from Level 1 Science (no externals required).

### Where does the course lead to?

13SCI.

### Subject specific costs:

NZQA

## Sociology

12SGY

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	5	10	10

### Course Overview

Students study an introduction to sociological ideas and perspectives including the individual, culture and society. Analysis and interpretation is undertaken about social issues such as age divisions, cultural difference, and social stratification as well as the impact of religion on the lives of people. The course content contains interaction, debate and awareness as well as a student directed sociological inquiry.

### Assessment

NCEA Level 2 Unit Standards	18 credits
Total	18 credits

### Foundation Skills

None

### Where does this course lead to?

This course leads on to Level Three Sociology. It provides foundation skills such as communication, critical thinking, analytical skills and research skills. Each skill is used to examine and understand the effects of institutions, process and functions on individuals and groups in society.

### Subject specific costs:

NZQA

Course materials \$20.00

## Spanish

12SPA

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	15	5	0

### Course Overview

Students will continue to study Spanish intensively using the four language skills, although there will be an oral emphasis. Topics studied will include young people, trends, travel and some culture.

### Assessment

NCEA Level 1 & 2 Achievement Standards

Internal	14 credits
External	10 credits
Total	24 credits

### Foundation Skills

14 credits NCEA Level 1 Spanish.

### Where does the course lead to?

13SPA. Several international exchange opportunities exist both at secondary and at tertiary level. Foreign languages continue at tertiary level. They can be well combined with areas such as International

Business, Law, Political Science, Tourism, Management, Teaching, Science, Translation, Hotel Management and Communication.

### Subject specific costs:

NZQA

Language Perfect \$20.00

## Sport & Recreation

12SPR

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	11	7	11

### Course Overview

This course allows students to be involved in regular physical activity. A wide range of fitness and sporting activities will be covered. Students will have the opportunity to work with others in a sports context to extend their knowledge base in several main sports including basketball, turbo touch and ultimate Frisbee. This will include skill development, coaching of skills and game administration. As a class the group will plan and implement an event for younger students. Students are encouraged to develop positive attitudes towards lifelong involvement in activity.

### Assessment

NCEA Level 2 Achievement Standards

Internal 7 credits

NCEA Level 2 Unit Standards 8 credits

Potential Total 15 credits

### Foundation Skills

There are no prerequisite requirements.

### Where does this course lead to?

This course may allow students to pathway into sport and recreation courses. Students may access certificates, and diplomas offered at the Toi Ohomai Institute of Technology and other Polytechnics necessary for work with people such as event management, personal training and leaders of school holiday programmes. Students transitioning to jobs that involve people focused work will have the opportunity to develop soft skills to support their work in this area.

### Subject specific costs:

NZQA

Materials \$10.00

## Te Ao Hurihuri

12/13TAH

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
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### Course Overview

This course will continue to develop and/or enhance students' understanding of te ao Māori (the Māori world) including traditional Māori social and cultural aspects. It will continue to provide students with both theoretical knowledge and practical experiences to enhance learning and engage students in te ao Māori.

### Assessment

NCEA Level 2 Unit Standards

Internal 23 credits

External 0 credits

Total 23 credits

### Foundation Skills

None.

### Where does the course lead to?

This course will lead to assisting students towards University studies in a range of areas.

### Subject specific costs:

NZQA

## Te Reo Māori

12TRR

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	28	28	28	28

### Course Overview

This course includes achievement standards in speaking, listening, reading and writing in Te Reo Māori. Tikanga and cultural aspects of protocol will also be studied through specific topics. Students will use these language skills to study various topics as directed. Class conversations are expected to be in Te Reo Māori.

### Assessment

NCEA Level 2 Achievement Standards

Internal 16 credits

External 12 credits

Total 28 credits

### Foundation Skills

24 Level 1 NCEA credits in Te Reo Maori.

### Where does this course lead to?

Students can continue this course of study in Year 13 [13TRR] and study towards NZQA Level 3 Achievement Standards where students can gain up to 28 credits.

### Subject specific costs:

NZQA

Materials \$10.00

## Textiles Technology

12TTY

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
5	5	1	0	0	4

### Course Overview

Year 12 builds on the knowledge gained in 11TTY. Students will use advanced practical skills to make products. They will carry out a technology project that includes brief development, research, testing and a finished product. Students will also be able to gain Level 1 Literacy credits and there is the opportunity to gain subject endorsements. Students are expected to provide their own materials although the basics such as calico and interfacing will be made available.

### Assessment

NCEA Level 2 Achievement

Internal 18 credits  
with 4 optional credits available

External 4 credits

Total 22 credits

### Foundation Skills

11TTY or with permission of the HOD.

### Where does the course lead to?

Taking Textiles Technology leads onto Textiles Technology in Year 13. Students in this subject have pathways into the Creative Industries course at Toi Ohomai, Fashion, Design and Art School at New Zealand Universities and Polytechnics. As well as providing soft skills desirable in the workplace. The course also provides the opportunity to create a foundation towards a body of work required for a Portfolio.

### Subject specific costs:

NZQA

Sample work & Toiles \$50.00

### Foundation Skills

None

### Where does this course lead to?

This is an Introductory course which leads into 13TRM. It provides foundation knowledge with topics on: how the New Zealand Tourism industry operates as businesses; employment opportunities in the sector; needs of tourists; impacts of tourism on society, culture and the environment; and looks at different tourist destinations in New Zealand and on an international level. After completing college, students of Tourism will be able to access certificates, diplomas and degrees at polytechnics, private training establishments or universities which can lead to employment in this country's largest export industry.

### Subject specific costs:

NZQA

Course materials \$90.00

## Tourism

12TOU

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	24	0	0

### Course Overview

Tourism is an area of growth in New Zealand. This course provides students with an understanding of the tourist industry and products, knowledge of tourist characteristics and needs, destination knowledge of both New Zealand and the world, an understanding of culture and how it applies to tourism and customer service/personal presentation skills.

### Assessment

NCEA Level 2 Unit Standards 24 credits

Total 24 credits



# Year 13

## Options

### Arts

	Pages
• Contemporary Music Studies	56
• Dance	57
• Drama	58
• Film & Media Production	60
• History of Art	62
• Music	64
• Practical Art - Design	65
• Practical Art - Painting	66
• Practical Art - Photography	66

### Business Studies

• Accounting	55
• Business Studies	55
• Economics	59

### English

• English	59
• English Language	26
• English Language & Literacy	59
• English Language in Progress	59

### Languages

• French	60
• German	61
• Japanese	63
• Spanish	67
• Te Ao Hurihuri	52
• Te Reo Māori	67

### Mathematics

• Mathematics with Calculus	63
• Mathematics with Statistics	63
• Mathematics	64

## Physical Education & Health

• Aquatics*	27
• Health Studies	61
• Physical Education	65
• Self Defence*	35
• Sport & Recreation	67

## Science

• Biology	55
• Chemistry	55
• Physics	65
• Science	66

## Social Science

• Classical Studies	56
• Geography	61
• History	62
• Sociology	66
• Tourism	68

## Technology

• Computing	56
• Design & Visual Communication	57
• Design Innovation	57
• Digital Technologies	58
• Food & Nutrition	60
• Materials Technology*	34
• Textiles Technology	68

## Vocational

• Early Childhood Education	58
• Hospitality Foundation Skills A*	33
• Hospitality Foundation Skills B*	34
• Hospitality Services (B)	62

**Note:** \* = ½ year course

## Accounting

13ACC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	4	13	0	4

### Course Overview

This course offers the chance to study a range of Accounting and Financial skills including the processing of Accounting information and making financial decisions, with a company focus.

### Assessment

NCEA Level 3 Achievement Standards

Internal	13 credits
External	9 credits
Total	22 credits

### Foundation Skills

12 credits in Level 2 Accounting or at the discretion of the HOD Business Studies.

### Where does the course lead to?

Students will be fully prepared to undertake Accounting and other business related subjects at tertiary institutions. Accounting is a compulsory subject in any business degree.

### Subject specific costs:

NZQA	
Resources	\$15.00

## Business Studies

13BST

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	9	26	23	3	15

### Course Overview

Students will investigate the importance of profitable New Zealand business practices in a global environment, conduct a marketing plan for a New Zealand business, and set up an innovative and sustainable business.

### Assessment

NCEA Level 3 Achievement Standards

Internal	15 credits
External	4 credits
Total	19 credits

### Foundation Skills

Level 2 Literacy or Achievement in Level 2 NCEA Business subjects or at the discretion of the HOD Business Studies.

### Where does the course lead to?

Students will be fully prepared to undertake business related subjects at tertiary institutions. Marketing, Business Communication and Human Resource

Management are compulsory papers in any business degree.

### Subject specific costs:

NZQA	
Course booklet and photocopying	\$15.00

## Biology

13BIO

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	10	22	0	13	0

### Course Overview

An academic NCEA course where students investigate the living world in areas such as human physiology, genetic manipulation, evolution and the ways animals and plants respond to their environment.

### Assessment

NCEA Level 3

Internal	10 credits
External	12 credits
Total	22 credits

### Foundation Skills

14 credits in Level 2 NCEA Biology.

### Where does the course lead to?

Health Sciences, Biological Science based tertiary study.

### Subject specific costs:

NZQA	
Optional Field trip to be confirmed approx	\$110.00
Workbook	\$20.00

## Chemistry

13CHE

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
24	24	24	5	24	0

### Course Overview

This course builds on the concepts learned in Level 2 by investigating, measuring and explaining a range of physical and chemical properties of the substances in the world we live in.

### Assessment

NCEA Level 3 Achievement Standards

Internal	6-9 credits
External	15 credits
Total	21-24 credits

### Foundation Skills

16 credits in 12CHE. Competence in Mathematics is also recommended.

## Where does the course lead to?

Health Science, Food Technology, Human Nutrition, Engineering, Wine Science tertiary courses.

## Subject specific costs:

NZQA

Materials \$10.00

Workbook \$20.00

Classical Studies						13CLS
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	5	0	18	0	

## Course Overview

Students study the culture, history and thought of civilisations of Ancient Rome and Hellenistic Greece and their links with the modern world. A large focus of Year 13 is on the roles and impacts of key historical figures of these two time periods. Topics include Alexander the Great, the first Roman Emperor Augustus and Virgil's epic poem the Aeneid and art and architecture of Ancient Rome.

## Assessment

NCEA Level 3 Achievement Standards

Internal 12 credits

External 14 credits

Total 26 credits

## Foundation Skills

14 credits in NCEA Level 2 Classical Studies or any Achievement Standards of 2.1-2.4 in Level 2 English.

## Where does the course lead to?

This is an academic course which qualifies for university entrance. It can be studied in a range of degrees including BA, B Soc, LLB, among others. Graduates find work as archaeologists, researchers, policy analysts, journalists, curators, lawyers as well as numerous positions within the education sector.

## Subject specific costs:

NZQA

Course materials \$20.00

Aeneid text \$15.00

Computing						13COM
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
9	9	6	3	3	12	

## Course Overview

This course offers a range of credits related to common digital skills. It covers basic office applications, such as word processors, spreadsheets

and databases, image editing skills, internet research, web publishing and basic computer components. Computer literacy is an essential tool for further education or employment. Students who take this course already have a head start in their future career.

## Assessment

Level 3 Unit Standards

18 credits

## Foundation Skills

**Restriction:** Cannot be taken with 13DTS

## Where does the course lead to?

Further training in Computing and Digital Technologies, office employment.

## Subject specific costs:

NZQA

Assessment Resources \$15.00

None - students need to supply own earphones.

Contemporary Music Studies						13CMS
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	

## Course Overview

This course is designed for students interested in Contemporary Music. Students are able to select a facet or facets of music to specialise in at this level and will elect Achievement and Performance Standards in composition, music technology and musical knowledge.

## Assessment

All of the standards offered are NCEA Level 3. Students will create an individualised programme of study selecting from an extensive list of standards up to a maximum of 28 credits.

MS 3.2 AS 90497 3 credits

MS 3.4 AS 90499 6 credits

MS 3.6 AS 90527 4 credits

MM 3.1 AS 90526 4 credits

MM 3.6 AS 90775 8 credits

MM 3.7 AS 90776 8 credits

## Foundation Skills

12 CMS Students intending to complete the Performance Standards must be enrolled in private or itinerant instrumental or vocal lessons for the duration of this course.

## Where does the course lead to?

Vocal/instrumental soloist, Composer, Advertising executive, MIDI technician, Road manager.

## Subject specific costs:

Itinerant Tuition fee (if applicable) \$20.00

Workbooks (AS90497) \$10.00

## Dance

13DNC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries

### Course Overview

This University Approved subject will see students continuing to develop their skills to a more advanced level in a wide range of dance styles. Students will have the opportunity to work with an acclaimed NZ dance company, perform in the national competition 'Dance NZ Made', and attend live dance performances as they arise.

Motivated students will have the opportunity to complete Scholarship Dance.

### Assessment

NCEA Level 3 Achievement Standards

Internal	12 credits
External	4 credits
Total	16 credits

Extra assessment standards can be negotiated with the subject teacher.

### Foundation Skills

14 credits in NCEA Level 2 Dance.

### Where does the course lead to?

Students who have successfully completed this course will have the necessary skills for entry to a tertiary level Dance or Performing Arts course.

### Subject specific costs:

Materials	\$20.00
Dance workshops/guest tutors	
Live performances	(up to) \$100
Students would find it advantageous to have access to an MP3 player/Spotify.	

## Design & Visual Communication

13DVC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
28	28	0	4	0	0

### Course Overview

Design and Visual Communication focuses on two main areas of communication, these being Graphic Practice, and Drawing and Design.

**Graphic Practice** focuses on the creative applications of drawing and design knowledge and techniques in the development of a conceptual outcome to address a brief.

**Drawing and Design** focuses on knowledge and skills associated with sophisticated multi-dimensional drawing techniques and media usage, including an

understanding of relevant codes of practice, conventions and underpinning concepts.

### Assessment

Evidence for both the Internal and External Achievement Standards will be in the form of portfolios.

NCEA Level 3 Achievement Standards

Internal	18 credits
External	10 credits
Total	28 credits

### Foundation Skills

12 NCEA Level 2 Curriculum credits in Graphics & Design or with the permission of the HOD Design Technology.

### Where does the course lead to?

There is a range of Diplomas and Degrees at Level 6-7 from the Construction, Manufacturing and Creative Industries. Landscape Architect, Architectural Technician, Graphic Design, Surveyor, Biomedical Engineer, Naval Architect, Technical Writer, Building Surveyor.

Postgraduate qualifications Levels at 8=10 include Architect, Engineer, Interior Designer, Curator, Conservator.

### Subject specific costs:

NZQA	
Materials	\$20.00

## Design Innovation

13 DIV

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
32	40	36	12	0	26

This Design Innovation course offers a combination of practical and theoretical lessons in which students will inquire about all the ways our design decisions are affected by and directly affect people, landscapes and economic conditions around the world. Students will analyse a wide range of existing design solutions and failures, then come up with a coherent range of their own alternatives to market in a real world design competition.

### Assessment

NCEA Level 3 Technology Achievement Standards

Internal	16 credits
External	7 credits
Total	23 credits

### Foundation Skills

Design and Visual Communication and/or Design Innovation preferred not essential.

### Where does the course lead to?

Tertiary study within the Technology and Design disciplines.

**Subject specific costs:**

NZQA

Materials &amp; resources \$40.00

Digital Technologies						13DTS
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	

**Course Overview**

This course extends on the 12DTS programme offering projects in digital media (dynamic web development and/or full immersion 360 video production), further object oriented programming and focus study of areas of Computer Science such as software engineering and artificial intelligence.

**Assessment**

NCEA Level 3 Unit Standards

Internal	16 credits
External	4 credits
Total	20 credits

**Foundation Skills**

12DTS or at the discretion of the HOD Computing.

**Restriction:** Cannot be taken with 13COM**Where does the course lead to?**

Bachelor of Science - majoring in Computer Science & Logic and Computation, and/or further education in Programming, Digital Media, Digital Art and Design, Web Design, Business Intelligence, Data Science, Information Systems, Social Media Analytics.

**Subject specific costs:**

NZQA

Assessment Resources \$20.00

Drama						13DRA
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	0	0	0	35	

**Course Overview**

This University Approved subject will see students continuing to develop their drama skills to a more advanced level. They will be involved in:

- performing text-based pieces
- producing and performing in the Year 13 Production
- devising and performing their own drama as a solo or group piece

Each practical performance has a written component and students will be working towards their written external examinations.

Motivated students will have the opportunity to complete Scholarship Drama.

**Assessment**

NCEA Level 3 Achievement Standards

Internal	14 credits
External	4 credits
Total	18 credits

Motivated students may complete optional achievement standards in negotiation with their teacher.

**Foundation Skills**

12 credits in NCEA Level 2 Drama or at the HOD's discretion based on an interview and/or audition.

**Where does the course lead to?**

This course could lead to tertiary study in Performing Arts or to tertiary study for a career emphasising interpersonal relationships such as teaching, social work, counselling, human resources and law.

**Subject specific costs:**

Materials	\$25.00
Theatre Visit (approx)	\$75.00

Early Childhood Education						13ECE
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	1	1	1	35	

**Course Overview**

Students will gain skills and knowledge related to working with children, children's health and wellbeing and child development. They will gain an understanding of ECE theory and practice in relation to family/whanau, community and society as well as professional practice in an ECE environment.

**Assessment**

Level 3 Unit Standards	24 credits
Comprehensive First Aid Certificate	2 credits
Total	26 credits

**Foundation Skills**

10 credits at 12ECE or at the discretion of the HOD Food & Fashion

**Where does the course lead to?**

Midwifery, Nursing, Primary Teaching, Level 5 National Certificate, Diploma or Degree in Early childhood Education.

**Subject specific costs:**

\$10.00

## Economics

13ECO

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	15	19	0	0

### Course Overview

Students will come to appreciate the efficiency of the free market while acknowledging that there are times when the government needs to intervene to ensure fair and just outcomes. Students will gain an understanding of how the nature and size of the New Zealand economy is influenced by domestic and international factors.

### Assessment

NCEA Level 3 Achievement Standards

Internal	10 credits
External	14 credits
Total	24 credits

NZQA Scholarship

### Foundation Skills

12 credits in Level 2 Economics and Level 1 Numeracy or at the discretion of the HOD Business Studies.

### Where does the course lead to?

Students will be fully prepared to undertake Economics and other business related subjects at tertiary institutions. Economics is a compulsory subject in any business degree. Year 13 Economics and Year 13 Geography complement each other. Career pathways include government, finance, international law and diplomacy.

### Subject specific costs:

NZQA	
Workbook(s)	\$40.00

## English

13ENG

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
21	19	21	21	21	21

### Course Overview

This is an academic English course covering a study of literature (novel/Shakespeare and film), writing tasks and presentation skills. Higher order critical thinking and reasoning are both required and developed by this course. It prepares a student well for any tertiary qualification.

### Assessment

NCEA Level 3 Achievement Standards

Internal	(optional +4) 9 credits
External	12 credits
Total	(+4 optional) 21credits

### Foundation Skills

Three or more from Level 2 Achievement Standards 2.1; 2.2; 2.3; 2.4; 2.8.

### Where does the course lead to?

University/Other tertiary study.

### Subject specific costs:

NZQA	
Materials	\$10.00

## English Language & Literacy

13ENL

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
18	14	18	18	18	21

### Course Overview

This course will suit students who have not met the Foundation Skills for 13ENG but need some Level 3 credits. It includes some literature study, writing and presentation units. It is possible to achieve the minimum University Entry credits. Some credits are optional.

### Assessment

Level 3 Achievement Standards

Internal	16 credits
External	12 credits
Total	28 credits

### Foundation Skills

Level 2 Literacy achieved or almost completely achieved plus two Level 2 Achievement standards from 2.1; 2.2; 2.3; 2.4; 2.9 or 2.7.

### Where does the course lead to?

Possible entry to tertiary study depending on Achievement levels.

### Subject specific costs:

NZQA	
Materials	\$10.00

## English Language in Progress

13ENP

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
14	10	14	14	14	17

### Course Objectives

This is a **Level 2** course for Year 13 students who did not achieve Level 2 English in Y12. The course is all internal. The focus is on gaining Level 2 credits and developing communication skills. Some credits are optional such as the writing standard for individual



students. This course is not designed to enable achievement of Level 2 literacy.

### Assessment

NCEA Level 2 (English) Achievement Standards

Internal 11 credits

NCEA Level 3 (Communications) Unit Standards

Internal 7 credits

Total 18 credits

### Foundation Skills

Three or fewer Level 1 Achievement standards from 1.1, 1.2, 1.3, 1.4, 1.5, 1.8.

### Where does the course lead to?

Work force.

### Subject specific costs:

NZQA

Materials \$10.00

## Film & Media Production

13FMP

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	4	0	22

### Course Overview

This course is based on theory and practical work in media product and moving image. Students will analyse film genres, write concepts, storyboarding, learn the fundamentals of handling and operating a camera while collecting footage for film projects to be edited with post production software. Students also have the opportunity to participate in national film competitions and undertake practical work filming school shows and activities outside of school. Quality films will be selected for the annual Film Festival held at the Tauranga Art Gallery.

### Assessment

NCEA Level 3 Achievement Standards 22 credits

Total 22 credits

### Foundation Skills

16 Level 2 FMP credits.

### Where does the course lead to?

Tertiary courses in film/television production and media studies.

### Subject specific costs:

NZQA

Materials \$50.00

## Food & Nutrition

13FNU

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	5	18	18	22

### Course Overview

Food & Nutrition is a subject where students will investigate a nutritional issue affecting well-being, investigate the influence of multinational food corporations on eating patterns in New Zealand, evaluate conflicting nutritional information relevant to well-being and analyse the influences of food advertising on well-being. This course allows students to study and analyse current nutritional and social issues that affect them and others in the community.

### Assessment

NCEA Level 3 Achievement Standards

Internal 10 credits

External 8 credits

Total 18 credits

### Foundation Skills

14 credits at 12FNU or at HOD discretion

### Where does the course lead to?

Students will have a good nutrition base to use in careers and courses in Nursing, sports studies and hospitality.

Combined with Biology and Chemistry this leads to tertiary study in Food Technology, nutritional dietitian, sports nutrition, personal training and consumer food science

### Subject specific costs:

NZQA

Materials \$45.00

## French

13FRE

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	0	22

### Course Overview

Students will use the four language skills to study topics such as New Zealand, health, cultural life and environment. Students learn to use advanced grammatical structures and extend their vocabulary and are expected to communicate in French where possible.

### Assessment

NCEA Level 3 Achievement Standards

Internal 14 credits

External 10 credits

Total 24 credits



## Foundation Skills

15 credits NCEA Level 2 French (should include 2.5)

## Where does the course lead to?

Several international exchange opportunities exist both at secondary and at tertiary level.

Foreign languages continue at tertiary level. They can be well combined with areas such as International Business, Law, Political Science, Tourism, Management, Teaching, Science, Translation, Hotel Management and Communication.

## Subject specific costs:

NZQA

Level 3 French (Renash) \$16.00

Language Perfect \$20.00

## Geography

13GEO

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
4	0	0	16	3	6

## Course Overview

Geography is a multifaceted subject that bridges the social sciences, the humanities, and the physical sciences.

At this level we continue to explore the relationships and connections between people and both natural and cultural environments.

This includes in-depth study of Natural Processes that operate within a New Zealand context.

We are fortunate to offer GIS and the use of ArcMap in solving a real geographic issue.

This course offers a 3 day fieldtrip to the Tongariro National Park.

## Assessment

NCEA Level 3 Achievement Standards

Internal 14 credits

External 8 credits

Total 22 credits

## Foundation Skills

15 credits in NCEA Level 2 Geography or any 3 Achievement Standards of 2.1-2.4 in Level 2 English.

## Where does the course lead to?

Geography can be studied as both an Arts and a Science subject at all universities. Papers can focus on computerised mapping and data analysis, environment studies, development studies, political geography, human geography, physical geography.

With a broad range of Arts and Science skills it is useful for employment in many different fields.

Possible careers: urban transport planner, policy analyst, policy advisor, diplomatic services, international aid, cartographer, climatologist, hazard

planner, demographer, resource management, surveyor, research analyst, environment law, teacher.

## Subject specific costs:

NZQA

Field trips and Skills workbook \$230.00

## German

13GER

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
4	0	14	26	3	10

## Course Overview

Several international exchange opportunities exist both at secondary and at tertiary level. Students will use the four language skills to study women, youth, foreign workers, the environment and a film. Students learn to use advanced grammatical structures and extend their vocabulary.

## Assessment

NCEA Level 3 Achievement Standards

Internal 14 credits

External 10 credits

Total 24 credits

## Foundation Skills

15 credits NCEA Level 2 German (should include 2.5).

## Where does the course lead to?

Foreign languages continue at tertiary level. They can be well combined with areas such as International Business, Law, Political Science, Tourism, Management, Teaching, Science, Translation, Hotel Management and Communication.

## Subject specific costs:

NZQA

Language Perfect \$20.00

## Health Studies

13HTH

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	14	19	19	0

## Course Overview

This course will provide a continuation of the Level 2 programme with the opportunity for students to learn through interactive and practical activities that draw on their own experiences and needs, current and future. As they actively explore challenging situations, students increase their knowledge, skills and understanding about themselves, others and society. This course looks critically at global issues that affect individual and community wellbeing. Students learn to process information and develop skills that can be used to take health-promoting action.

## Assessment

NCEA Level 3 Achievement Standards

Internal	14 credits
External	5 credits
Potential Total	19 credits

## Foundation Skills

16 credits at Level 2 Health Studies/Physical Education/English or by application to the HOD Physical Education.

## Where does this course lead to?

This course allows students to pathway into health related vocations. Students will be able to access certificates, diplomas and degrees necessary for working with people and in support services. Such vocations as nursing, teaching, social work lab technician, podiatry, speech language work are examples of possible opportunities.

## Subject specific costs:

NZQA

History						13HIS
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	0	31	11	10	

## Course Overview

The course prepares students for academic study at universities, not only in History, but is a useful basis for study of Political Science, Public Policy, Management, Law, International Relations, Psychology and Anthropology. Students study an exam component England 1559-1650 consisting of political, social, economic and religious history with internal assessment work on an aspect of both New Zealand and world history.

## Assessment

NCEA Level 3	
Internal	15 credits
External	12 credits
Total	27 credits

## Foundation Skills

16 credits in Level 2 History or any 3 Achievement Standards of 2.1-2.4 in Level 2 English, at Merit.

## Where does the course lead to?

History can be studied at all universities and contribute to degrees including BA, B Soc, LLB and others.

History graduates are trained to work in a variety of vocations. A significant area of employment is in the government service. Other main areas include local body administration, research, teaching, broadcasting, journalism library and museum work, international

law, managerial/administrative roles in the private sector.

## Subject specific costs:

NZQA	
Workbooks/Course materials	\$20.00

History of Art						13ARH
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	0	12	0	24	

## Course Overview

Students will study 15<sup>th</sup> and 16<sup>th</sup> century Italian painting, Renaissance painting and sculpture. They will come to appreciate the historical context, personal and regional styles, iconography and art terminology of the era.

## Assessment

NCEA Level 3 Achievement Standards	
Internal	12 credits
External	12 credits
Total	24 credits

## Foundation Skills

12 credits in NCEA Level 2 English or 14 credits from Level 2 Classical Studies or History.

## Where does the course lead to?

Tertiary study in Art History leading to careers in galleries, museums, stage, film and journalism.

## Subject specific costs:

NZQA	
Course materials	\$60.00

Hospitality Services (B)						12/13HPB
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	

## Course Overview

This course will enable students to complete further Unit Standards toward a National Certificate in Hospitality. Students will study the techniques of preparing food for the hospitality industry and present food products and barista beverages suitable to serve in catering and restaurant situations. This course can be studied in the same year or in the year following HPA.

## Assessment

Certificate of Achievement in Barista plus Service Industry Qualifications	
Unit Standards	
Unit Standards Level 2	8 credits

Unit Standards Level 3 17 credits  
Total 25 credits

### Foundation Skills

HPA

Co-requisite: HPA

### Where does the course lead to?

Hotel manager, chef, barista, maître d', cafe manager, caterer, bar manager, food and beverage manager, restaurant manager, kitchen assistant, baker.

### Subject specific costs:

Materials \$90.00  
Service Industry levies & books \$65.00

Japanese						13JAP
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
0	0	0	16	6	6	

### Course Overview

Students use the four language skills to study Leisure Activities, Travel and Tourism, Japan At Work, and Communication and the Media. An increased study of kanji, vocabulary and grammatical structures is taught throughout the themes.

### Assessment

NCEA Level 3 Achievement Standards  
Internal 14 credits  
External 10 credits  
Total 24 credits

### Foundation Skills

15 credits NCEA Level 2 Japanese (should include 2.5).

### Where does the course lead to?

Several international exchange opportunities exist both at secondary and at tertiary level. Foreign languages continue at tertiary level. They can be well combined with areas such as International Business, Law, Political Science, Tourism, Management, Teaching, Science, Translation, Hotel Management and Communication.

### Subject specific costs:

NZQA  
Level 3 Japanese (Renash) \$16.00  
Language Perfect \$20.00

## Mathematics with Calculus

13MAC

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
22	22	15	0	6	3

### Course Overview

This course is structured into five units of learning based on the New Zealand curriculum. There is a heavy emphasis on Algebra and Calculus, and students need to be very competent in these topics to be successful in this subject. A graphics calculator is needed for this course.

### Assessment

NCEA Level 3 Achievement Standards  
Internal 10 credits  
External 12 credits  
Total 22 credits

(There are an extra five external credits available to students who wish to do extra study on Complex Algebra)

### Foundation Skills

All 23 credits in 12MAE. Must gain both AS 2.6 Algebra and AS 2.7 Calculus with Merit or Excellence and gain Achieved in AS 2.2 Graphs.

**Restriction:** Cannot be taken with 13MAT.

### Where does the course lead to?

This is an academic course of study that prepares students for on-going study in Mathematics, Physical Sciences, Engineering, Surveying and Economics at tertiary level.

### Subject specific costs:

NZQA  
Workbooks \$18.00

## Mathematics with Statistics

13MAS

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	24	16	20	4

### Course Overview

The course is structured into six units of learning based on the New Zealand curriculum. The course is divided between material in Statistics and in Probability. Students need to have successfully completed 12MAE to be successful in this subject. The course has three internal Achievement Standards, all of which require the analysis to be done on a computer using a statistical software package. Students' use of their own laptop is advantageous.

## Assessment

NCEA Level 3 Achievement Standards

Internal	8 credits
External	12 credits
Total	20 credits

## Foundation Skills

A minimum of 19 credits in 12MAE. Must gain both AS 2.9 Statistics and AS 2.12 Probability with Merit or Excellence and gained Achieved in AS 2.6 Algebra.

**Restriction:** Cannot be taken with 13MAT.

## Where does the course lead to?

This is an academic course of study that prepares students for on-going study in Mathematics, the Sciences, Social Science, Health Sciences or Business Studies at tertiary level.

## Subject specific costs:

NZQA	
Workbooks	\$18.00

## Mathematics

13MAT

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
5	3	21	8	14	0

## Course Overview

The course is structured into six units of learning based on the New Zealand Curriculum. The course meets the criteria for a university approved course. Four of the topics are Statistics based and much of the analysis is done on a computer using a statistical software package. Students' use of their own laptop is advantageous.

## Assessment

NCEA Level 3 Achievement Standards

Internal	17 credits
External	4 credits
Total	21 credits

## Foundation Skills

A minimum of 15 credits in 12MAE or 18 credits in 12MAT. Must have Achieved the external Achievement Standard AS 2.12 Probability.

**Restriction:** Not with 13MAS or 13MAC.

## Where does the course lead to?

This course provides useful background to a number of tertiary level courses, such as nursing and primary teaching, in which the use of Mathematics is a requirement, but is not a major focus of study.

## Subject specific costs:

NZQA	
Workbooks	\$18.00

## Music

13MUS

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	0	0	50

## Course Overview

Based on their interests and strengths students will select their own standards from the list of Achievement standards offered. They are able to specialise in one or more of the following areas: Composition and Arrangement; Performance; Music Studies.

## Assessment

NCEA Level 3 Achievement Standards as selected by the students.

Total credits: students select the Standards that are most suitable for them up to a maximum of 28 credits.

## Foundation Skills

Achieved grade or higher for:

Composition MUS 2.3 & MUS 2.4

Performance MUS 2.1 & MUS 2.2

Music Studies MUS 2.6 & MUS 2.7

**Co-requisite:** Students intending to complete the Performance Standards must be enrolled in private or itinerant instrumental or vocal lessons for the duration of this course.

## Where does the course lead to?

This course leads on to professional level study in music of any genre at tertiary level. Tertiary courses allow the students to specialise in composition, technology, jazz, musicology, contemporary music, music education or performance. Students who leave school having completed the NCEA Music courses will have developed a breadth of musical skills and knowledge that are of use in professions that are not necessarily specialist music roles eg Primary and Intermediate teaching, Childcare, Geriatric care, Music therapy. They will also have a strong skill base to supplement private music teaching, involvement and leadership in community music groups.

## Subject specific costs:

NZQA	
Itinerant Tuition (if applicable)	
2 Workbooks (if applicable)	\$30.00

## Physical Education

13PED

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	24	16	11

### Course Overview

Students will work in a student centred and teacher facilitated environment. Modules of work develop skills and confidence through involvement in physical activity. This is supported by a strengthened understanding of knowledge within this area of the curriculum. Major modules of work include training for an event, an individual sport, evaluation of strategies used in a class project and biomechanical analysis of a skill.

### Assessment

NCEA Level 3 Achievement Standards

Internal 19-24 credits

Potential Total 19-24 credits

### Foundation Skills

12 credits at Level 2 Physical Education/Biology/English or by application to the HOD Physical Education.

### Where does the course lead to?

This course allows students to pathway into people related work and vocations with a particular focus in movement, sport, leisure, health and recreation. Students will be able to access certificates, diplomas and degrees at polytechnic or university. Such vocations as nursing, teaching, social work, sports science, coaching, health promotion, event management, occupational therapy, physiotherapy, midwifery, pharmacy and chiropractor are examples of some possible opportunities.

### Subject specific costs:

NZQA

Mount Joggers 10km run fee \$20.00

Other field trips may be offered involving transport costs

## Physics

13PHY

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
23	23	16	0	23	0

### Course Overview

An academic NCEA course where students are able to apply the laws of physics to familiar and unfamiliar situations, design and perform experiments, organise and present data and come to logical solutions.

### Assessment

NCEA Level 3 Achievement Standards

Internal 3-7 credits

External 16 credits

Total 19-23 credits

### Foundation Skills

13 credits in 12PHY. 12MAE is strongly recommended.

### Where does the course lead to?

Tertiary study in engineering, medicine, aviation, electronics, optometry, medical imaging.

### Subject specific costs:

NZQA

Education Perfect (covers BIO & CHE) \$20.00

Workbook \$25.00

Students are permitted to enter a **maximum of two** of the following three Practical Art subjects:

## Practical Art - Design

13PRD

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	4	0	50

### Course Overview

Students will research established Design practice. They will investigate and use ideas and methods in a drawing study. They will produce original work within Design to show knowledge of art making methods and ideas. External work is marked by submitting a folio consisting of three A1 panels. Students will learn to use Photoshop and Illustrator.

### Assessment

NCEA Level 3 Achievement Standard

Internal 12 credits

External 14 credits

Total 26 credits

### Foundation Skills

NCEA Level 2 Practical Art 20 credits or at the discretion of HOD Art.

### Where does the course lead to?

Tertiary study in all design fields eg Graphics, Industrial Design and Architecture.

### Subject specific costs:

NZQA

Materials \$65.00

Folioboard printing depending on place of printing approx \$60.00



## Practical Art - Painting

13PRP

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	4	0	26

### Course Overview

Students will research established painting practice. They will investigate and use ideas and methods in a drawing study. They will produce original work within Painting to show knowledge of art-making methods and ideas. External work is marked by submitting a folio consisting of three A1 panels.

### Assessment

NCEA Level 3 Achievement Standards

Internal	12 credits
External	14 credits
Total	26 credits

### Foundation Skills

NCEA Level 2 Practical Art 16 credits or at the discretion of HOD Art.

### Where does the course lead to?

Tertiary study in Visual/Fine arts and Design fields.

### Subject specific costs:

NZQA	
Stationery	\$65.00

## Practical Art - Photography

13PHO

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	4	0	26

### Course Overview

Students will research established photography practice. They will investigate and use ideas and methods in a drawing study. They will produce original work within Photography to show knowledge of art-making methods and ideas. External work is marked by submitting a folio consisting of three A1 panels. Students will learn to use Lightroom and Photoshop.

### Assessment

NCEA Level 3 Achievement Standards

Internal	12 credits
External	14 credits
Total	26 credits

### Foundation Skills

NCEA Level 2 Practical Art 16 credits or at the discretion of HOD Art.

### Where does the course lead to?

Tertiary study in the Visual Arts leading to careers in the Television and Film Industry, Photography, Media.

### Subject specific costs:

NZQA	
Digital camera	
Materials	\$65.00
Folioboard printing	\$120.00

## Science

13SCI

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
11	14	14	0	14	0

### Course Overview

An academic course using internal achievement standards from the areas of Biology, Astronomy, Earth Science and Chemistry. This course contributes to university entrance and can be endorsed.

### Assessment (Internal)

NCEA Level 3 Achievement Standards	up to 21 credits
Total	up to 21 credits

### Foundation Skills

10 credits in any Level 2 Science subject or by negotiation with HOD.

### Where does the course lead to?

The course is useful for students needing university entrance credits and foundation skills for tertiary education in a science subject.

### Subject specific costs:

NZQA	
Optional field trip to be advised	approx \$55.00
Workbook	approx. \$30

## Sociology

13SGY

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries

### Course Overview

Students will explore the impact of social change on aspects of society, and the way people's identities can be constructed by the expectations of the society they are born into and the roles they acquire through this process. Students study structures, institutions, ideas and perspectives including current issues such as gender discrimination, social stratification and how social and political ideas can be portrayed through music along with the changing New Zealand family.

## Assessment

NCEA Level 3 Unit Standards	18 credits
Total	18 credits

## Foundation Skills

None

## Where does the course lead to?

Sociology graduates are currently employed in business, local and national government, social welfare, media and journalism, social and health research, marketing, policy analysis, advertising, town planning, law enforcement and education.

## Subject specific costs:

NZQA	
Course materials	\$20.00

## Spanish

13SPA

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries

## Course Overview

Students will use the four language skills to study topics such as cultural life film, youth people and the environment. Students learn to use advanced grammatical structures and extend their vocabulary and are expected to communicate in Spanish where possible.

## Assessment

NCEA Level 3 Achievement Standards	
Internal	14 credits
External	10 credits
Total	24 credits

## Foundation Skills

15 credits NCEA Level 2 Spanish (should include 2.5).

## Where does the course lead to?

Several international exchange opportunities exist both at secondary and at tertiary level.

Foreign languages continue at tertiary level. They can be well combined with areas such as International Business, Law, Political Science, Tourism, Management, Teaching, Science, Translation, Hotel Management and Communication.

## Subject specific costs:

NZQA	
Language Perfect	\$20.00

## Sport & Recreation

13SPR

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	0	0	11	3	7

## Course Overview

Students are encouraged to develop leadership skills through the medium of physical activity. Students learn strategies and techniques in leadership. They will practise communication, management and coaching skills with others.

Direct involvement in leadership promotes confidence when working with others.

The students are involved within the 'Smart Partnerships' programme co-ordinated by the Toi Ohomai Institute of Technology.

## Assessment

NCEA Level 2 Unit Standards	4 credits
NCEA Level 3 Unit Standards	18 credits
Potential Total	22 credits

## Foundation Skills

Positive attitude and commitment to learning.

## Where does the course lead to?

This course may allow students to pathway into sport and recreation courses. Students may access certificates, and diplomas offered at the Toi Ohomai Institute of Technology and other Polytechnics necessary for work with people such as event management, personal training and leaders of school holiday programmes. Students transitioning to jobs that involve people focused work will have the opportunity to develop soft skills to support their work in this area.

## Subject specific costs:

NZQA	
Materials	\$20.00

## Te Reo Māori

13TRR

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	28	28	28	28	28

## Course Overview

This course includes achievement standards in speaking, listening, reading and writing in Te Reo Māori. Tikanga and cultural aspects of protocol will also be studied through specific topics. Students will use these language skills to study various topics, sometimes through self-directed learning.

## Assessment

NCEA Level 3 Achievement Standards	
Internal	16 credits
External	12 credits
Total	28 credits



## Foundation Skills

22 credits in NCEA Level 2 Te Reo Maori.

### Where does the course lead to?

This course leads to Te Reo Rangatira Level 1 if you are a Year 11 or Year 12 student and gain an Achieved or better in NCEA Level 3 Te Reo Māori. This course can also lead to enrolling for the Unistart Te Reo Māori programme at Waikato University. As long as you have achieved literacy and numeracy at Level 2 and you pass NCEA Level 3 Te Reo Māori, you will qualify to apply for a scholarship through Waikato University for Unistart.

### Subject specific costs:

NZQA

Materials \$10.00

## Textiles Technology

13TTY

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
28	28	28	28	28	16

### Course Overview

Year 13 builds on the knowledge gained in 11TTY & 12TTY. Students will create a garment using complex procedures. They will investigate and apply complex Applied Design Techniques to create product learning as well as how to draft a pattern block and add changes. Students are expected to provide their own materials, although the basics and calico for toiles will be provided.

### Assessment

NCEA Level 3 Achievement Standards

Internal	16 credits
with optional additional standards available	
External	8 credits
Total	24 credits

### Foundation Skills

12TTY or by consultation with the Head of Department.

### Where does the course lead to?

Students in this subject have pathways into the Creative Industries course at Toi Ohomai, Fashion, Design and Art School at Universities and Polytechnics. As well as providing soft skills desirable in the workplace. The course also provides the opportunity to create evidence towards a body of work required for a Portfolio. Students who have taken this subject also subsequently study, for example : Sciences, Engineering, Law, Commerce and Nutrition. Some students travel overseas.

## Subject specific costs:

NZQA

Sample work and Toiles \$50.00

## Tourism

13TOU

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries

### Course Overview

This course recognises the knowledge and skills required as a base for further training in the tourism industry. Students study the Tourism Industry and Tourism Destinations. Students will also gain an awareness of the requirements of working in the Tourism and Travel Industry.

### Assessment

NCEA Level 3 Unit Standards	24 credits
Total credits	24 credits

### Foundation Skills

None

### Where does the course lead to?

This course prepares students for entry to the National Certificate in Tourism or the Diploma in Tourism which in turn can lead to qualifications and careers in outbound travel such as travel consultancy or wholesale travel, and inbound tourism within the New Zealand tourism industry. It can be studied at tertiary level at polytechnics, private training establishments and universities.

### Subject specific costs:

NZQA

Course materials \$90.00