



# Wellington East Girls' College

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Te Kura Kōhine o te Rāwhiti o Te Upoko o Te Ika

## COURSE INFORMATION

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## QUALIFICATIONS

For Students at Years 11, 12 and 13

in

2011

# CONTENTS

Introduction	3	History	44
Courses at each level	4	Languages	45
Choosing your course	5	• Chinese	45
Qualifications to be gained	10	• French	47
Subject Guide for Tertiary Study	14	• Gagana Samoan	48
Curriculum flow chart	18	• Latin	49
Course and qualification fees	20	Maori	50
<b>Course Outlines:</b>		• Te Reo Maori	50
Accounting	21	• Maori Performing Arts	52
Art subjects	23	Mathematics and Statistics	53
Classical Studies	29	Media Studies	59
Cross curricular subjects	30	Music	60
• Employment Skills	30	Physical Education	63
• Gateway	31	• Physical Education	63
• Life Skills	31	• Outdoor Education	64
• Tourism	31	Sciences	65
Dance and Drama	32	• Biology	66
Economics	34	• Chemistry	67
English	36	• Physics	68
ESOL	41	• Science	69
Geography	43	Technology	71
		• Digital Technology	71
		(IM, Computer Studies)	
		• Fabrics Technology	74
		• Food and Nutrition	76
		(Hospitality (HSI))	
		• Graphics	78
		• Workshop Technology	79

# INTRODUCTION

The purpose of this booklet is to give you information about the subjects that can be taken at each level, the NCEA credits offered in each subject and general information about qualifications in the senior school. It includes information about:

- Choosing a course of study
- Qualifications available in the senior school including certificates from the National Qualifications Framework (NQF)
- Fees
- The National Certificate of Educational Achievement (NCEA)
- Subject information
- Prerequisites for entry to subjects at each level

## **What to do:**

- Read this booklet carefully. Follow the steps in the section “Choosing Your Course,” page 5. Ask questions if you are unsure of anything.
- Talk to your Parents/Caregivers, Dean, the Heads of Departments, your subject teachers, and the Careers Advisor.
- Look to see what qualifications are available and what is needed to gain them.
- Discuss with your teachers which qualifications you should be aiming for. (Remember that there may be several pathways to achieve the same goal.)
- Remember there is a literacy and numeracy requirement to gain your Level 1 Certificate and your University Entrance.

# COURSES AT EACH YEAR LEVEL

## COURSES:

### Year 11

In Year 11 you study **six subjects**. Science, Mathematics and English are compulsory. Choose three other subjects (options).

### Year 12

In Year 12 you study **six subjects**. One subject must be an English course and you choose five **other** subjects.

### Year 13

In Year 13 you study **five subjects** but check carefully the entry requirements for university and other tertiary courses you wish to enter the following year. (See page 14)

## Note:

- In Year 12 and Year 13 you may also study subjects at the Level 1 or 2 level and gain credits for NCEA Level 1 or 2.
- Entry to Level 2 and Level 3 subjects usually requires at least 10 credits at the previous level.
- Check prerequisites for entry to subjects at each level or talk to the Head of Department of subjects concerned if you are unsure if you have the background needed.

NOTE: The Principal reserves the right to vary criteria for subject selection in some cases. There is no guarantee that all the courses outlined will be offered in 2011. It will depend on the numbers of students wishing to take each course and whether we can staff the course.

# CHOOSING YOUR COURSE

Planning your future is about selecting subjects that you may need to continue studying, so keep your career options open.

Some steps before you choose. Complete the following activities:

1. My Personal Qualities on page 6
2. What your Achievements say about you on page 7.

Now you have looked at yourself it is time to think about subject choices:

- Choose subjects you enjoy
- Choose subjects which lead to a qualification you want
- Keep your options open as long as possible
- Read Subject Choice Tips, page 8 and fill in “Subject Calculator” on page 9

**Remember, talk to your:**

- Form Teacher
- Subject Teacher
- Careers Advisor
- Head of Department
- Parents/Caregivers

For further information, use the Career Services website [www.careers.govt.nz](http://www.careers.govt.nz).

# MY PERSONAL QUALITIES

*Here is a list of personal qualities. Highlight the ones that best describe you.*

Honest	Loyal	Generous
Friendly	Practical	Creative
Kind	Polite	Reliable
Organised	Caring	Punctual
Tolerant	Shy	Sociable
Outgoing	Dependable	Happy
Flexible	Enthusiastic	Serious
Energetic	Patient	Determined
Co operative	Sensitive	Ambitious

*Now think of some examples where you have demonstrated those qualities*

Personal quality	How I have shown this quality

## What your achievements can say about you

Your achievements can show other people:

- What you can do
- What you are like as a person

Think about what you have achieved in school and outside of school. What do your achievements say about you? Use the table below to help you.

AT SCHOOL:

<i>I did this...</i>	<i>It shows I can.... (skills I have)</i>	<i>It shows I am... (qualities I have)</i>
Got my project in on time	Organise my homework and meet deadlines	Organised and punctual
Represented the school at Kapa Haka	Perform in front of the public	Confident and a team player

OUTSIDE OF SCHOOL:

<i>I did this...</i>	<i>It shows I can.... (skills I have)</i>	<i>It shows I am... (qualities I have)</i>
Collected money for charity	Communicate with the public	Confident and caring
Helped prepare for the cultural festival	Organise tasks	A team player

# SUBJECT CHOICE TIPS

Steps to make an informed decision

1. Check out your career implications – will you keep your options open?
  - ▶ Work out all your current career ideas
  - ▶ Check the subject requirements
  - ▶ Weigh up the ‘essential’ subjects, then the ‘useful’ subjects.
2. Think about your abilities – can you do well in these subjects?
3. Think about your interest levels – will you have the motivation.
4. Weigh up any differences between interests, abilities and career ideas
5. Talk it over with people who know you well.

## The ABC Subject Selection Checklist

When you have made your choices, follow this simple checklist:

Ability and Attitude

— are you able and will you be interested?

Balance

— will you have a range of options open for future career ideas?

Choice

— are they your own decisions or have you been swayed by others?

# SUBJECT CALCULATOR

Got some different job ideas? Use this calculator to work out how to keep all your career options open.

<i>If I want to be ...</i>	<i>Essential Subjects</i>	<i>Useful Subjects</i>
	+	+
	+	+
Now add up all your essentials and usefuls	=	=

**An essential subject** = a school subject you must take to gain entry to future courses or training relevant to your ideas.

**A useful subject** = a subject that can help you but is not an absolute must.

To keep all options open:

1. Choose all your Essential Subjects first.
2. See what's left in your Useful list afterwards.

Got more essential subjects than you are allowed to choose from?

Then you will need to speak to the careers advisor.

# QUALIFICATIONS TO BE GAINED

## The National Certificate of Educational Achievement

The National Certificate of Educational Achievement (NCEA) is the main national qualification for secondary school students in New Zealand.

It is designed to be a broad based qualification. It certifies that you have sound basic language and number skills, within a broad, well rounded level of education.

NCEA certificates are recognised by employers, and used for selection by universities and polytechnics, both in New Zealand and overseas.

### How it works

- Each year, students study a number of courses or subjects.
- In each subject, skills and knowledge are assessed against a number of standards. For example, a Mathematics **standard** could be: *Use decimals and percentages to solve problems.*
- The school uses a range of internal and external **assessments** to measure how well students meet these standards.
- When a student achieves a standard, they gain a number of credits. Students must achieve a certain number of credits to gain an NCEA certificate.
- There are three **levels of NCEA certificate**, depending on the difficulty of the standards achieved. In general, students work through levels 1 to 3 in years 11 to 13 at school.
- Students are recognised for high achievement at each level by gaining NCEA with Merit or NCEA with Excellence

## NCEA levels and certificates

There are three levels of NCEA certificate, depending on the difficulty of the standards achieved. At each level, students must achieve a certain number of credits to gain an NCEA certificate. Credits can be gained over more than one year.

NCEA level	Requirements
<b>Level 1</b>	80 credits are required at any level (level 1, 2 or 3) * including 8 in <u>literacy</u> (reading and writing) and 8 in <u>numeracy</u> (maths)
<b>Level 2</b>	60 credits at level 2 or above + 20 credits from any level
<b>Level 3</b>	60 credits at level 3 or above + 20 credits from level 2 or above

Credits gained at one level can be used for (or count towards) more than one certificate. They may also be used towards other qualifications. For example, unit standards in the domain 'generic computing' might be used towards a Level 2 NCEA certificate, as well as towards a National Certificate in Computing (Level 2); or 20 credits gained at Level 1 can also count towards a Level 2 NCEA certificate.

### Level 1 Literacy Standards and Numeracy for 2011

The literacy and numeracy requirements are changing and from 2012 onwards students will be required to have 10 literacy and 10 numeracy credits. These may come from Achievement Standards or from newly written literacy and numeracy Unit Standards that can be assessed across a number of subjects.

For 2011 – students may gain these requirements either from

- Using the new Unit Standards to gain 10 in Literacy and/or 10 in numeracy; or
- Gain 8 credits in Literacy from Level 1 English Standards and 8 in Numeracy from Mathematics Standards.

### Multi-level Study

Students may study a mix of standards at different levels, depending on their ability. For example, in year 12, a student may study most subjects at level 2, but add a new subject at level 1 and another advanced subject at level 3. In addition, students may study multi level courses with standards assessed at more than one level, e.g. an English course at year 11 may contain both level 1 and level 2 standards.

## RECOGNISING HIGH ACHIEVEMENT

Certificates can be 'endorsed' to reflect high achievement in a significant number of standards. From 2011, course endorsements will show that students have performed well in an individual course.

### **Certificate endorsement**

If a student gains 50 credits at Excellence, their NCEA will be endorsed with Excellence. Likewise, if a student gains 50 credits at Merit (or Merit and Excellence), their NCEA will be endorsed with Merit.

Credits earned can count towards an endorsement over more than one year and more than one level. However, they must be gained at the level of the certificate or above. For example, Level 2 credits will count towards endorsement of a Level 1 NCEA, but Level 1 credits will not count towards endorsement of a Level 2 NCEA.

### **Course endorsement**

Course endorsements will be introduced in 2011 at all three NCEA Levels.

A course endorsement provides recognition for a student who has performed exceptionally well in an individual course (or subject).

The key objective of a course endorsement is to motivate students to achieve their potential in one or more courses.

Students will gain an endorsement for a course if, in a single school year, they achieve:

- 14 or more credits at Merit or Excellence for Merit Endorsement
- 14 or more credits at Excellence for Excellence Endorsement
- at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards. (*Note: this does not apply to Physical Education and level 3 Visual Arts.*)

## OTHER NATIONAL CERTIFICATES

NCEA is just one of the 900 national qualifications on the NQF. You can choose from a wide range of qualifications available to you at secondary school, including specialist qualifications in areas like childcare, sport, tourism, computing, electrical engineering, food processing and business management.

Some qualifications you can complete at school such as the National Certificates in Employment Skills, Computing, Science and Te Waharoa. Others you can start at school, and finish in the workplace or at a tertiary provider.

## SCHOLARSHIP

- To gain a Scholarship in a subject, you will need to sit one additional 3 hour examination for that subject at the end of the year. It is recommended that Scholarship is attempted in up to three subjects only.
- Scholarship will be reported as not attained or attained in a subject.
- Scholarship is a separate award from Level 3 NCEA.
- To be eligible for the New Zealand Scholarship (Monetary award) you need to gain Scholarship Standards in three subjects and be a New Zealand citizen.
- Scholarship passes can be gained in individual subjects. These are worth \$500 each.

### Scholarship Subjects:

Accounting	Art History	Biology	Chemistry
Chinese	Classical Studies	Drama	Economics
English	French	Geography	German
Graphics	History	Japanese	Latin
Mathematics with Calculus	Media Studies	Music Studies	Physical Education
Physics	Science	Spanish	Statistics and Modelling
Te Reo Maori	Technology	Visual Arts	

# SCHOOL SUBJECT GUIDE FOR TERTIARY STUDY

## Important Information for Students Entering Year 13

### Please note the following:

- Universities have limited entry to some courses; therefore even if you have 42 credits, you may **not** have entry to the course you wish to take.
- Some programmes, for example fine arts and music, have additional requirements such as an audition, interview, portfolio of work or pre requisite subjects.
- Some commerce, medicine and engineering courses have additional academic requirements.
- Polytechnics and some Private Providers also offer Diploma and Degree courses, and you need to be aware of their entry requirements.
- Check with the careers staff or the Dean which subjects you should take in Year 13 for further study.
- Entry requirements are constantly changing in all tertiary institutions

### **MOST IMPORTANT:**

You need to check now the entry requirements for the course and tertiary institution you wish to attend.

**Do not** wait until next year – you may choose courses that means you miss out!

- See the career staff
- Read the notices
- Attend the careers information visits and speakers

## ENTRY TO UNIVERSITY FOR 2010 AND BEYOND

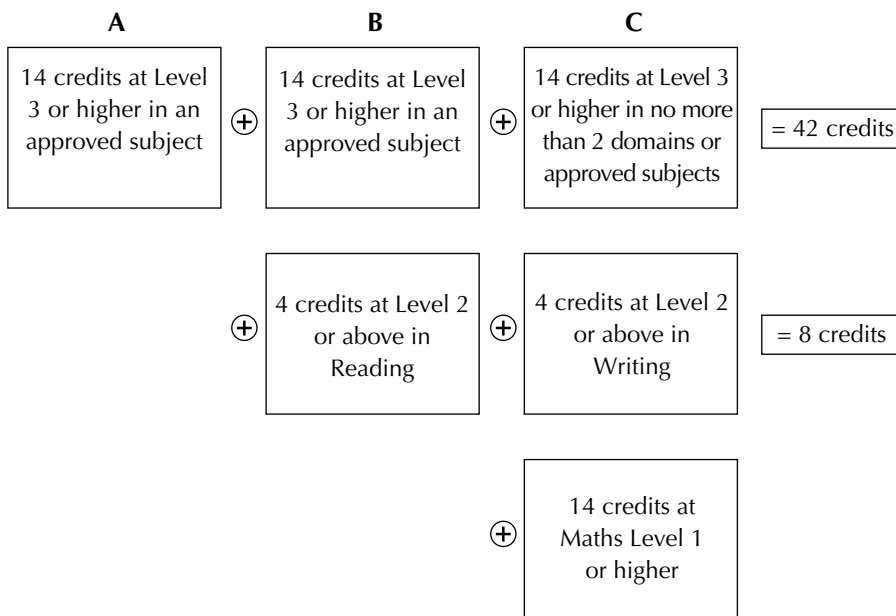
The entry to degree level study at tertiary is complex as it differs between universities and even within universities depending on what you want to study. It may impact on the subjects you choose to include in your course at Level 3. It is important you get good advice on what the entry criteria are for your chosen area of future study.

Many universities have set guaranteed entry criteria which require a higher level of achievement than the minimum standard of University Entrance.

### The University Entrance standard

This a **minimum** requirement for entry to degree courses at a tertiary provider (eg University, Polytechnic, Wananga)

University entrance standard requires a **minimum** of 42 credits at Level 3 on the NZQA Framework consisting of:



### To Clarify

- Subjects A and B **must** be from the approved list of subjects or matching Domains, = 28 credits.
- Subject C ie, the remaining 14 credits can come from **any** Domain on the framework, but from no more than 2 Domains.
- “Domain” is the name given to an area of study.

Domains include approved and other non conventional subjects not on the approved list. The last 14 credits can come from **any 2** Domains.

## Guaranteed Entry

Many New Zealand Universities required a higher level of achievement than university entrance standard for students to have a guaranteed entry to a course. It is important that students check for this information either from the school Careers Advisers or with the University itself.

For this reason, the school recommends any student considering degree level of tertiary study should select at least **4** "Approved" subjects at Level 3. This may also affect your subject choice in Year 12 to ensure you have enough subjects to follow on into Year 13.

## Examples of guaranteed entry criteria

### Victoria University from 2011

To be automatically accepted into any degree at Victoria University you will need to:

- Achieve University Entrance, and
- Achieve the Guaranteed Entry Score (GES) \_ see below, and
- Fulfil any other degree specific requirements eg performance audition

### Guaranteed Entry Score (GES)

This is 120 points for all undergraduate degrees

The points are calculated based on your 80 best credits in Approved Subjects at Level 3 or higher, and weighted by the level of achievement. You can count both Achievement Standards and Unit Standards

A maximum of 24 credits in each subject may be counted

Your score will be weighted as follows:

Excellence	4 points
Merit	3 points
Achieved	2 points

### Massey University for 2011

Massey also has a similar system. They refer to it as a Preferential Entry Score requirement in addition to University Entrance. This Preferential Score is calculated in the same way as Massey and they require 120 points.

***Note: Many universities have similar systems and for 2012 they may require up to 160 points. Some courses require even higher scores. It is important to check with the university of your choice for what they require for entry to any courses.***

## The Approved List of Subjects for Entrance to University

Accounting	Japanese
Agriculture & Horticulture	Korean
Biology	Latin
Chemistry	Mathematics with Calculus
Chinese	Statistics and Modelling
Classical Studies	Media Studies
Computing	Music Studies
Cook Islands Maori	(Music Studies or Making Music)
Dance	Painting (Practical Art)
Design (Practical Art)	Photography (Practical Art)
Drama	Physical Education
Economics	Physics
English	Printmaking (Practical Art)
French	Samoan
Geography	Science
German	Sculpture (Practical Art)
Graphics	Spanish
Health Education	Social Studies
History	Technology
History of Art	Te Reo Rangatira or Te Reo Maori
Indonesian	

### Discretionary Entrance

This is for students who wish to enter University directly from Year 12 and who have been working at Level 2 NCEA. Students wishing to be considered for this need to contact the specific university or tertiary provider.

# CURRICULUM FLOWCHART

Year 9 and 10 Learning Areas	Level 1	Level 2	Level 3
English	English Foundation English ( EG101 & EG102) ESOL Media Studies	English Foundation English (Level 1 & 2) ESOL Media Studies	English Foundation English  ESOL Media Studies
Mathematics and Statistics	Mathematics & statistics MT100 MT101 MT102	Mathematics & statistics MT200 MT201 MT202 (Level 1 & 2)	Calculus Statistics & modelling MS300 Statistics & modelling MS301
Science	Science Biological and Chemical Science Physical and Chemical Science	Biology Chemistry Physics	Biology Chemistry Physics
Social Sciences	Geography History  Economics Accounting	Geography History Classical Studies  Economics Accounting	Geography History Classical Studies  Economics Accounting
Health & Physical Education	Physical Education	Physical Education Outdoor Education	Physical Education Outdoor Education
The Arts	Art Maori & Pacific Art	Art History Painting	Art History Painting

			Design Sculpture Photography	Design Sculpture Photography
	Music		Music Performance Studies	Music Performance Studies
	Dance Drama		Dance Drama	Drama
Technology	Soft materials Technology		Soft materials Technology	Soft materials Technology
	Food & Nutrition Hospitality (HSI)		Food & Nutrition Hospitality (HSI)	
	Graphics		Graphics	Graphics
	Hard Materials Technology		Hard Materials Technology	Hard Materials Technology
	Digital Technology Information Management (ESOL)		Computer Studies Alternative Computer Studies (Year 12 Levels 1 & 2)	Computer Studies Alternative Computer Studies (Year 13 Level 2)
Languages	Chinese French Gagana Samoan Latin Te Reo Maori		Chinese French Gagana Samoan Latin Te Reo Maori Maori Performing Arts	Chinese French Gagana Samoan Latin Te Reo Maori Maori Performing Arts
Cross Curricular (Future Pathways and Career Education)	Employment Skills Futures		Employment Skills Futures Gateway Life Skills	Futures Gateway Tourism



# COURSE OUTLINES

## ACCOUNTING

### **ACCOUNTING – AC100 – Level 1**

**HOD: Ms S Leong**

Accounting is the study of the management of all aspects of the finances of sole traders and not for profit organisations. Students will study the role of accounting as an aid to decision making and processes for recording and managing money, and making financial decisions. Level 1 introduces the conceptual basis of accounting, processing financial information and analysing transactions, understanding systems and reporting financial information.

**Assessment:** Up to five Level 1 Achievement Standards (2 internal and 3 external) – a total of up to 21 credits.

**Recommended Pre-requisites:** None

**Costs:** None

### **ACCOUNTING – AC200 – Level 2**

**HOD: Ms S Leong**

Level 2 Accounting builds on many of the concepts covered in Level 1. The topics covered include: accounting for a sole proprietor, property, plant & equipment, balance day adjustments, accounting subsystems, financial reporting and interpretation and analysis of financial information. Students will also learn to process financial transactions using MYOB computer software, for a sole proprietor.

**Assessments:** Up to seven Level 2 Achievement Standards (2 internal (1 optional) and 5 external) – a total of up to 24 credits.

**Recommended Pre-requisites:** To study Level 2 Accounting intending students must have achieved a minimum of 10 credits, including 6 external in Accounting or equivalent in English or Mathematics. Entry for other students would be at the discretion of the H.O.D.

**Costs:** None

## **ACCOUNTING – AC300 – Level 3**

**HOD: Ms S Leong**

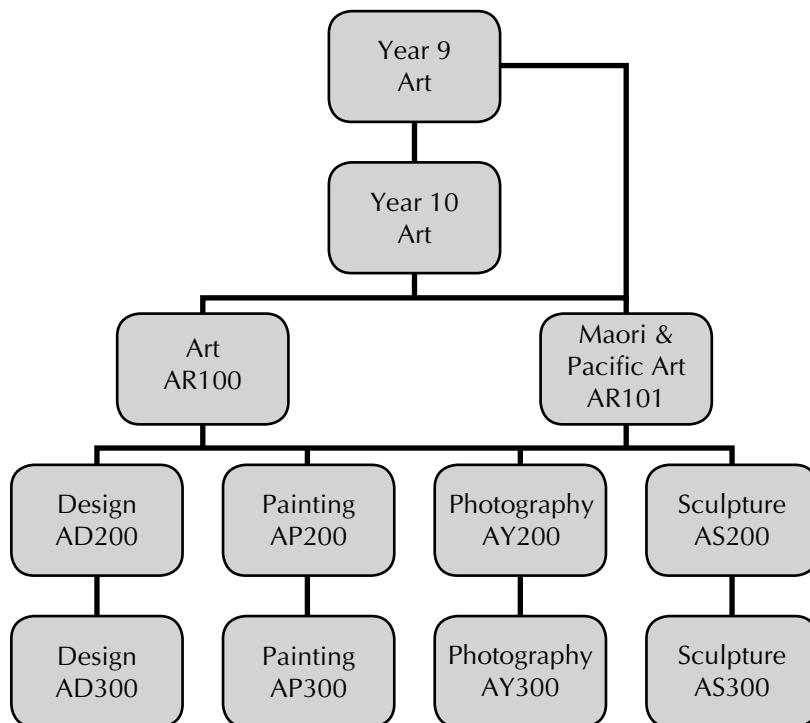
Level 3 Accounting is a continuation of Level 2 Accounting, although those students who have successfully completed the Level 1 course may be sufficiently prepared for this course. This Level 3 course leads to many tertiary qualifications in the accounting field. The topics covered include: accounting for partnerships and companies, financial reporting, analysis and interpretation of accounting, cost and management accounting, and the concepts and principles of accounting.

**Assessments:** Five Level 3 Achievement Standards (1 internal and 4 external) – a total of up to 21 credits. Very able students may attempt the Scholarship. Unit Standards may be offered.

**Recommended Pre-requisites:** To study Level 3 Accounting, intending students must have achieved 10 Level 2 credits in Accounting, or English or Mathematics. Entry for other students would be at the discretion of the HOD and is not generally recommended to students without prior Accounting studies or background.

**Costs:** None

# ART



## ART – Level 1 – AR100

**HOD: Ms R Cameron**

The NCEA Level 1 course is open to all students who have studied the Year 10 Art course. There are two internal Achievement Standards beginning with drawing processes and procedures and moving into a sculpture unit. The externally assessed component is composed of two sheets of A1 size cardboard made into a folio. The course provides the opportunity for students to develop their skills in drawing, painting and sculpture to a high standard.

**Assessment:** Three Level 1 Achievement Standards (2 internal – worth 9 credits and 1 externally moderated two panel folio worth 12 credits) a total of 21 credits.

**Recommended Pre-requisites:** Year 10 Art programme. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Folio \$10.00 plus material costs \$43.00 (Paints \$26.00, workbook \$10.00, brushes \$6.00, pencil \$1.00). Total: \$53.00

## **MAORI AND PACIFIC ART – Level 1 – AR101      HOD: Ms R Cameron**

The Maori and Pacific Art course is open to all students interested in Maori and Pacific Art. Participation in the Year 10 Art course is not necessary. The theme and focus of the course will be a study of Maori and Pacific art forms from a traditional and contemporary perspective. The course provides the opportunity for any student to develop their skills in drawing, painting and sculpture, or printmaking and to gain an understanding of the role of Art in contemporary Maori and Pacific culture. The course assessment is the same as in the above course (AR100).

**Assessment:** Three Level 1 Achievement Standards (2 internal worth 9 credits and 1 externally moderated, two panel folio worth 12 credits) – offering up to a total of 21 credits.

**Recommended Pre-requisites:** None

**Costs:** Folio \$10.00 plus material costs \$43.00 (Paints \$26.00, workbooks \$10.00, brushes \$6.00, pencil \$1.00). Total: \$53.00

## **ART SUBJECTS – Level 2**

**HOD: Ms R Cameron**

NCEA Level 2 Art is a foundation course for any student who plans to study Art at a tertiary institution. There are 4 courses available: Painting, Design, Sculpture and Photography. Each course comprises two internally assessed Achievement Standards and one externally assessed folio.

**Any student intending to enrol in more than one Visual Art subject at Level 2 must have discussed their course with the HOD Art prior to confirming subject selection.**

## **PAINTING – Level 2 – AP200**

Painting is a practical programme offered in Visual Art. The course includes researching an art making tradition, discussing its relationship to relevant recent painting practice, and investigating ideas in a drawing study. The external two panel folio of original work needs to demonstrate knowledge of painting methods and ideas.

**Assessment:** Up to three Level 2 Achievement Standards (2 internal worth 12 credits and 1 externally moderated, two panel folio worth 12 credits) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** 12 credits in Level 1 Art. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Folio \$10.00 plus material costs approximately \$40.00. Approximate total: \$50.00

## **DESIGN – Level 2 – AD200**

Design is a practical programme offered in Visual Art. The course includes researching a design tradition, discussing its relationships to relevant recent design practice, and investigating ideas in a drawing study. The external two panel folio of original design work demonstrates knowledge of design methods and ideas.

**Assessment:** Up to three Level 2 Achievement Standards (2 internal worth 12 credits and 1 externally moderated, two panel folio worth 12 credits) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** 12 credits in Level 1 Art. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Folio \$10.00, plus printing costs approximately \$35.00, plus material costs approximately \$40.00. Approximate total: \$85.00

## **SCULPTURE – Level 2 – AS200**

Sculpture is a practical programme offered in three dimensional Visual Art. The course comprises researching a sculpture tradition, discussing the relationships to relevant recent sculptural practice, and investigation of ideas in a further study. Drawing is the basis for idea development, and a variety of materials are used to explore three dimensional problem solving. The externally assessed two panel folio demonstrates knowledge of art making methods and ideas.

**Assessment:** Up to three Level 2 Achievement Standards (2 internal worth 12 credits and 1 externally moderated, two panel folio worth 12 credits) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** 12 credits in Level 1 Art. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Folio \$10.00, plus printing costs approximately \$35.00, plus material costs approximately \$40.00. Approximate total: \$85.00

## **PHOTOGRAPHY – Level 2 – AY200**

Photography is a practical programme offered in Visual Art. The course is digitally based, using quality digital cameras, Photoshop for the manipulation of images and digital printing processes. The work of established photographers is studied and applied to the student's own work. Students will need to have their own digital SLR camera and would benefit from having Photoshop at home. Quality printing paper can be purchased from the Art department.

**Assessment:** Up to three Level 2 Achievement Standards (2 internal worth 12 credits and 1 externally moderated two panel folio, worth 12 credits) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** 12 credits in Level 1 Art. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Folio \$10.00, plus printing costs approximately \$35.00, plus material costs approximately \$40.00. Approximate total: \$85.00

**Plus:** Quality digital SLR camera (Photoshop also recommended)

## **ART HISTORY – Level 2 – AH200**

**HOD: Ms R Cameron**

This Level 2 NCEA course is open to all students who have an interest in Art. Students do not need to be studying Practical Art. However, good literacy skills are needed because students will be assessed by essay writing and research report writing.

Two topics are studied for the external Achievement Standards; French Art of the 19th Century, from Neo classicism to Post Impressionism and New Zealand Art from the 19th Century to the present day. For the internal Achievement Standards, students will visit local galleries and art works around the city.

**Assessment:** There are six Level 2 Achievement Standards (3 internal and 3 external) – offering up to a total of 24 credits.

**Costs:** None

## ART SUBJECTS – Level 3

HOD: Ms R Cameron

Students may specialise in Painting, Design, Sculpture or Photography for Level 3 NCEA. It is recommended that students not take more than two practical Art courses, because of the workload with practical subjects. It is expected that the student will have studied the subject at NCEA Level 2. There are material costs associated with these courses. In addition to NCEA, the Art Department encourages students who have an interest in pursuing tertiary art courses by assisting them in the preparation of their submissions for entry to these courses.

**Any student wishing to enrol in more than one Visual Art subject at Level 3 must discuss their course with the HOD Art before confirming subject selection.**

### DESIGN – Level 3 – AD300

The Design course includes researching a design tradition, discussing the relationships to relevant recent design practice, and investigating ideas in a drawing study. The external 3 panel folio of original design work demonstrates knowledge of art making methods and ideas.

**Assessment:** Up to three Level 3 Achievement Standards (2 internal worth 10 credits and 1 externally moderated three panel folio, worth 14 credits) – offering a total of up to 24 credits. Very able students may attempt Scholarship.

**Recommended Pre-requisites:** 12 credits in Level 2 Design. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Folio \$12.00, plus printing costs approximately \$45.00, plus material costs approximately \$43.00. Approximate total: \$100.00

### PAINTING – Level 3 – AP300

The Painting course includes researching an art making tradition, discussing the relationships to relevant recent painting practice, and investigating ideas in a drawing study. The external 3 panel folio of original work demonstrates knowledge of art making methods and ideas.

**Assessment:** Up to three Level 3 Achievement Standards (2 internal worth 10 credits and 1 externally moderated three panel folio, worth 14 credits) – offering a total of up to 24 credits. Very able students may attempt Scholarship.

**Recommended Pre-requisites:** 12 credits in Level 2 Painting. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Folio \$12.00, plus material costs approximately \$48.00. Approximate total: \$60.00

### **PHOTOGRAPHY – Level 3 – AY300**

The Photography course includes researching a photographic tradition, discussing the relationships to relevant recent photographic practice, and investigating ideas in a further study. The external 3 panel folio of original work demonstrates knowledge of photographic methods and ideas.

The course is a digitally based programme using quality digital cameras, Photoshop for the manipulation of images and digital printing processes. The work of established photographers is studied and applied to the student's own work. Students will need to have their own digital SLR camera and would benefit from having Photoshop at home. Quality printing paper can be purchased from the Art department.

**Assessment:** Up to three Level 3 Achievement Standards (2 internal worth 10 credits and 1 externally moderated three panel folio, worth 14 credits) – offering a total of up to 24 credits. Very able students may attempt Scholarship.

**Recommended Pre-requisites:** 12 credits in Level 2 Photography. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Folio \$12.00, plus printing costs approximately \$45.00, plus material costs approximately \$43.00. Approximate total: \$100.00

**Plus:** Quality digital SLR camera (Photoshop also recommended)

### **SCULPTURE – Level 3 – AS300**

A practical programme is offered in 3 dimensional Visual Art. The course comprises researching a sculpture tradition, discussing the relationships to relevant recent sculptural practice, and investigating ideas in a further study. Drawing is the basis for idea development, and a variety of materials are used to explore 3 dimensional problem solving. The externally assessed three panel folio displays original work and demonstrates knowledge of art making methods and ideas.

**Assessment:** Up to three Level 3 Achievement Standards (2 internal worth 10 credits and 1 externally moderated three panel folio, worth 14 credits) – offering a total of up to 24 credits. Very able students may attempt Scholarship.

**Recommended Pre-requisites:** 12 credits in Level 2 Sculpture. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Folio \$12.00, plus printing costs approximately \$45.00, plus material costs approximately \$43.00. Approximate total: \$100.00

### **ART HISTORY – Level 3 – AH300**

**HOD: Ms R Cameron**

This Level 3 NCEA course is open to all students who have an interest in Art. Previous study in Practical Art or Art History is not necessary. However, to achieve success, skill in essay writing and historical analysis are needed.

Three topics are studied during the year: Italian Renaissance Painting from the 15th Century; Cubism and its related movements; Modern New Zealand Art. Visits to local galleries and to Te Papa are also part of this course.

**Assessment:** There are six Level 3 Achievement Standards (3 internal and 3 external) – offering up to a total of 24 credits. Very able students may attempt Scholarship.

**Costs:** \$12.00 for resource books.

## **CLASSICAL STUDIES**

### **CLASSICAL STUDIES – CL200 – Level 2**

**HOD: Ms A Wards**

This NCEA Level 2 course focuses on the study of the people, places and events of the classical world, and their influence on the modern world. Through a range of ancient Greek and Roman literature and art, students explore the concepts of rights and responsibilities, law and justice, heroism and revenge, aesthetics and culture. Inquiry and communication skills are developed and assessed through each context studied.

**Assessment:** Up to four Level 2 Achievement standards (2 internal and 2 external) and one Unit Standard – a total of up to 23 credits:

**Recommended Pre-requisites:** This course is open to all students who have an interest in classical world. However, sound literacy skills are beneficial because students will be assessed through extended paragraph writing, primary source analysis (literary/artistic) and research skills.

**Costs:** None.

### **CLASSICAL STUDIES – CL300 – Level 3**

**HOD: Ms A Wards**

This NCEA Level 3 course focuses on the study of people and politics, comedy and dramatic performance and artistic developments of the classical world, and their influence on the modern world. Through a range of ancient Greek and Roman literature and art, students explore the concepts of power and leadership, politics and justice, humour and education, aesthetics and culture. Inquiry and communication skills are developed and assessed through each context studied.

**Assessment:** Up to four Achievement Standards (1 internal and 3 external: each worth 6 credits) – a total of up to 24 credits.

**Recommended Pre-requisites:** This course is open to all students who have an interest in the classical world. However, good literacy skills are needed because students will be assessed through extended paragraph and essay writing, primary source analysis (literary/artistic) and research skills.

**Costs:** None.

## **CROSS CURRICULAR SUBJECTS Level 1, 2 & 3**

### **EMPLOYMENT SKILLS – Level 1, 2, 3**

**HOD : Mrs A Rixon**

This course will prepare students for their transition from school to the workplace and offers a programme of work readiness. Students are on individual programmes. Some will work towards the completion of the National Certificate in Employment Skills. Topics include personal presentation, health and safety in the workplace, the writing of curriculum vitae, communication in the workplace, assertiveness, employment rights and responsibilities, team work and care and timeliness as an employee.

**Assessment:** A selection from ten Level 1 Unit Standards, four Level 2 Unit Standards and two Level 3 Unit Standards will be offered.

**Recommended Pre-requisites:** None

**Costs:** None

### **GATEWAY – Levels 1, 2 & 3**

**HOD : Mrs A Rixon**

This course is available for Year 12 and Year 13 students. It offers structured work place learning for students in an environment tailored to individual interests. Work place unit standards are supplemented with classroom assessments. Topics include first aid, health and safety, employment relationships, curriculum vitae, interview skills, problem solving, assertiveness, self management skills and career planning.

**Assessment:** A selection from three Level 1 Unit Standards, seven Level 2 Unit Standards and two Level 3 Unit Standards will be offered. Students will also have the opportunity to complete Unit Standards related to their work placement.

**Recommended Pre-requisites:** None

**Costs:** None

### **LIFESKILLS – LS210 – Level 1 & 2**

**HOD : Mrs A Rixon**

This course is practically orientated. Students complete studies in first aid, self defence, financial management, child development, parenting, assertiveness, the job market, interview techniques, interpersonal communication, writing curriculum vitae and the effects of drugs and alcohol.

**Assessment:** A selection from four Level 1 Unit Standards, nine Level 2 Unit Standards and one Level 3 Unit Standard will be offered.

**Recommended Pre-requisites:** None

**Costs:** None

### **TOURISM – TH300 – Level 3**

**HOD: Mrs P Williamson**

This course includes units of work from the Tourism Industry and the Hotel Industry Board. Topics include the functions of tourism, knowledge of New Zealand, Australia, and the Pacific Islands.

**Assessment:** Up to three Level 3 Unit Standards offering a total of 21 credits. These are all internally assessed and based on the units supplied by the Tourism Industry Board.

**Recommended Pre-requisites:** None

**Costs:** None

## DANCE AND DRAMA

### DANCE – DC100 – Level 1

**HOD:** Mrs S Miller

This course builds on skills learned in Year 9 and 10 Dance and Drama. It enables students to become increasingly accomplished in dance choreography and processes. Units of work include composing solo, paired and group dance sequences, exploring cultural motifs and performing a class dance.

It is expected that students will attend at least 3 professional dance performances.

**Assessment:** Five Level 1 Achievement Standards (4 internal and 1 external) offering up to a total of 24 credits.

**Recommended Pre-requisites:** Year 9 or 10 Dance and Drama or experience of Dance outside of school. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Approx \$30.00 for subsidised tickets to attend live theatre productions.

### DANCE – DC200 – Level 2

**HOD:** Mrs S Miller

This course builds on skills learned in Level 1 Dance. It enables students to become increasingly accomplished in dance choreography and processes. Units of work include composing solo, paired and group dance sequences, exploring cultural motifs and performing a class dance.

It is expected that students will attend at least 3 professional dance performances.

**Assessment:** Up to six Level 2 Achievement Standards (5 internal and 1 external) offering up to a total of 24 credits.

**Recommended Pre-requisites:** Level 1 Dance. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Approx \$30.00 for subsidised tickets to attend live theatre productions.

### **DRAMA – DM100 – Level 1**

**HOD: Mrs S Miller**

This course builds on skills learned in Years 9 and 10 Dance and Drama. It enables students to become increasingly accomplished in drama skills and processes. Units of work include devising scenes, performing Melodrama and working with scripts. Students may also attempt a Dance Achievement Standard. A written portfolio is an essential component of the assessment process.

It is expected that students will attend at least 3 professional drama/theatre productions.

**Assessment:** Up to six Level 1 Achievement Standards (5 internal and 1 external) offering up to a total of 25 credits.

**Recommended Pre-requisites:** Year 9 or 10 Dance and Drama or experience of Drama outside of school. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Approximately \$30.00 for subsidised tickets to attend live theatre productions.

### **DRAMA – DM200 – Level 2**

**HOD: Mrs S Miller**

This course builds on skills learned in Level 1 and enables students to develop their performance skills, evaluation and analysis to a deeper level. Units of work relates to practical, individual and group activities including open scripts, devised scenes, the study of a theatre form and a class production. Students may also attempt a Dance Achievement Standard. A written portfolio is an essential component of the assessment process.

It is expected that students will attend at least 3 professional drama/theatre productions.

**Assessment:** Up to six Level 2 Achievement Standards (5 internal and 1 external) offering up to a total of 30 credits.

**Recommended Pre-requisites:** Level 1 Drama or experience outside of school. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Approximately \$30.00 for subsidised tickets to attend live theatre productions.

## **DRAMA – DM300 – Level 3**

**HOD: Mrs S Miller**

This course builds on skills learned in Level 2. Students are encouraged to develop their drama techniques and analytical skills to a more mature level. Students will research, prepare and perform solos and duos and perform a class production at the end of the year. It is expected that they will reflect critically on the drama process at a high level of perception. Assessment relates to practical, individual and group activities. Students may also attempt a Dance Achievement Standard. A written portfolio is an essential component of the assessment process.

It is expected that students will attend at least 3 professional drama/theatre productions.

**Assessment:** Up to five Level 3 Achievement Standards (4 internal and 1 external) offering up to a total of 24 credits.

**Recommended Pre-requisites:** Level 2 Drama. An interview with the HOD will be necessary if these pre-requisites are not met.

**Costs:** Approximately \$30.00 for subsidised tickets to attend live theatre productions.

# **ECONOMICS**

## **ECONOMICS – EC100 – Level 1**

**HOD: Ms S Leong**

The NCEA Level 1 course focuses on how individuals as consumers make economic choices; how and why producers make decisions about the use of resources to provide goods and services; and how consumers and producers interact in the market. There will be some practical lessons where students will have the opportunity to be involved in making decisions as a producer and as a consumer.

**Assessments:** Up to six Achievement Standards (3 internal and 3 external) a total of up to 24 credits.

**Recommended Pre-requisites:** None

**Costs:** None

## **ECONOMICS – EC200 – Level 2**

**HOD: Ms S Leong**

The NCEA Level 2 course involves the study of the economic issues of international trade, inflation and economic growth, which can result from market forces. It examines Government policies designed to impact on these aspects of the economy. The course focuses on the New Zealand economy and the ideas developed can be applied to other economies.

**Assessments:** Up to five Level 2 Achievement Standards (1 internal and 4 external) – a total of up to 24 credits. Unit Standards may also be offered.

**Recommended Prerequisites:** To study Level 2 Economics intending students must have achieved 10 Level 1 credits in Economics or English or Mathematics. Entry for other students would be at the discretion of the HOD.

**Costs:** None

## **ECONOMICS – Level 3 – EC300**

**HOD: Ms S Leong**

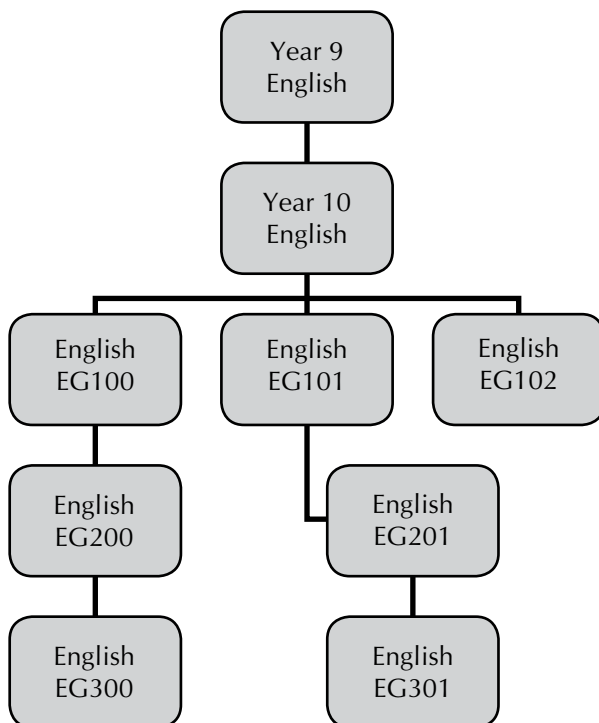
The NCEA Level 3 course focuses on the study of resource allocation via the market system and the public sector. The study of aggregate economic activity and policy is also included. Students examine microeconomic theories, including output decisions of individual firms and markets, and the behaviour of the individual consumer. The reasons for government intervention in the market are also examined. Included also is a macroeconomic study of the economy which covers the money market, GDP and the foreign exchange market.

**Assessments:** Up to five Level 3 Achievement Standards (1 internal and 4 external) – a total of up to 24 credits. Unit Standards may also be offered. High achieving students may attempt Scholarship.

**Recommended Pre-requisites:** To study Level 3 Economics intending students must have achieved 10 Level 2 credits in Economics or English or Mathematics. Entry for other students would be at the discretion of the HOD.

**Costs:** None

# ENGLISH



## LEVEL 1 ENGLISH COURSES

**HOD: Mrs McLeod**

English is a compulsory subject for all students in Year 11. Based on their performance throughout Year 10 and the recommendation of their teacher, students will be placed in one of the following courses.

### ENGLISH – EG100 – Level 1

#### Content

- Understanding specified aspects of studied written texts: novel, non fiction, print media, drama, short story, poetry/song lyric, digital/online text, or a combination of the above (inter textual studies).
- Understanding specified aspects of studied visual or oral texts: film, television programme, radio programme, drama production, graphic novel, oral performance, or a combination of the above (inter textual studies).

- Show understanding of specified aspects of unfamiliar written texts, using supporting evidence from unfamiliar short written text(s) and extracts from longer text(s).
- Produce Creative Writing
- Produce Formal Writing
- Create a visual text. Visual text types at this level may include posters, graphic/illustrated texts, visual displays, web pages, dramatic presentations, videos and other appropriate visual text types.

**Assessment:** Up to six Level 1 Achievement Standards (3 internal and 3 external) – offering up to 21 credits. Students have an opportunity for extension by studying towards a further Achievement Standard.

## **ENGLISH – EG101 – Level 1 Foundation English**

The specific course content will depend on the needs of the students that are in the classes. It will include aspects of:

- Studying written texts: novel, non fiction, print media, drama, short story, poetry/song lyric, digital/online text , or a combination of the above (inter textual studies).
- Studying visual or oral texts: film, television programme, radio programme, drama production, graphic novel, oral performance, or a combination of the above (inter textual studies).
- Creating a visual text. Visual text types at this level may include posters, graphic/illustrated texts, visual displays, web pages, dramatic presentations, videos and other appropriate visual text types.
- Using information literacy skills to form conclusions. Sources of information should be selected from written, oral and/or visual texts. The texts should be student selected.
- Forming personal responses to independently read texts, supported by evidence.

**Assessment:** Up to six Level 1 Achievement Standards (4 internal and 2 external) – offering up to 20 credits

**Costs:** The class might attend an appropriate outside performance, for which they will pay.

## LEVEL 2 ENGLISH COURSES

HOD: Mrs M McLeod

English is a compulsory subject for all students in Level 2. Based on their performance throughout Level 1 and the recommendation of their teacher, students will be placed in one of the following courses:

### ENGLISH – EG200 – Level 2

Content of this course includes:

- Close reading of extended texts: novels, plays, biographies
- Close reading of short texts: poetry, short stories
- Close reading of a film
- Close reading of unfamiliar texts
- Creative Writing
- Formal writing
- Research on a language or literature topic

**Assessment:** Up to seven Level 2 Achievement Standards (3 internal and 4 external) – offering up to 21 credits

**Recommended Pre-requisites:** Students should at least have Level 1 Literacy, and have gained at least 10 credits at Level 1.

**Costs:** The class might attend an appropriate outside performance, for which they will pay.

### ENGLISH – EG201 – Level 2 Foundation English

Content of this course includes:

- Extended written text – novel
- Short written texts: short stories or poetry
- Film
- Formal Writing
- Monologues or speeches
- Wide Reading
- Static Image

**Assessment:** Up to seven Level 2 Achievement Standards (4 internal and 2 external) – offering up to 21 credits

**Recommended Pre-requisites:** This course is designed for students who do not have the required entry for English 200 and/or do not have Level 1 Literacy.

**Costs:** Possibly the class might attend an appropriate outside performance, for which they will pay.

### **LEVEL 3 ENGLISH COURSES**

**HOD: Mrs M McLeod**

English is a not a compulsory subject for all students in Level 3. Based on their performance at Level 2 and the recommendation of their teacher, students can choose one of the following courses:

#### **ENGLISH – EG300 – Level 3**

Content of this course includes:

- Written texts: novels, plays, biographies, poetry, short stories
- Shakespeare
- Film
- Exploring the language and thinking critically about: unfamiliar prose and poetry texts
- Writing in a selected style
- Oral presentation/seminar based on research
- Research on a language or literature topic

**Assessment:** Up to seven Level 3 Achievement Standards (3 internal and 4 external) – offering up to 24 credits.

**Recommended Pre-requisites:** Students should at least have Level 2 Literacy, and have gained at least 10 credits at Level 2.

**Costs:** The class might attend an appropriate outside performance, for which they will pay.

#### **ENGLISH – EG301 – Level 3 Foundation English**

The course is tailored to suit the students, and not all topics will necessarily be taught. Students who have passed their Level 2 Certificate and have UE Literacy will work at Level 3. The rest will work at Level 2 and Level 3.

Content includes:

- Novel study
- Film study
- Theme study – 4 written, 2 visual and 2 oral texts
- Writing – 4 pieces including opinion piece; film review; literary essay; speech

Also if required for UE literacy

Wide Reading

Writing – 3 pieces including film review; opinion piece; literary essay; speech

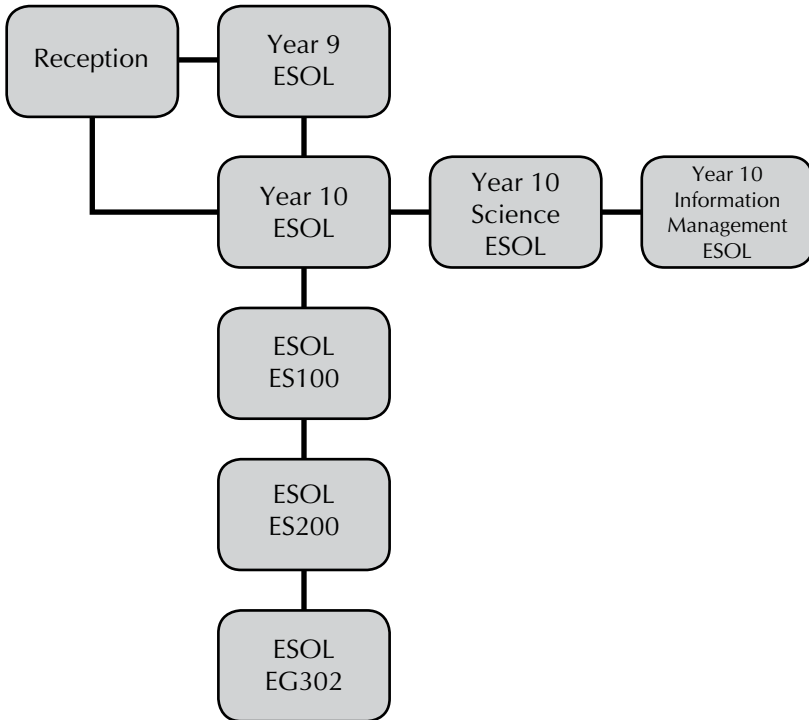
Monologue and Creative Writing may also be taught, depending on the students' needs.

**Assessment:** Up to four Level 3 Achievement Standards (2 internal and 2 external) ; and/or up to 2 Level 2 Achievement Standards for students who need UE Literacy. Up to a total of 18 Level 3 credits and 9 level 2 credits. Other assessments may be used based on the interests and needs of the students in the class.

**Recommended Pre-requisites:** This course is designed for students who do not have the required entry for English 300 and/or do not have UE Literacy (4 Reading and 4 Writing credits at Level 2)

**Costs:** The class might attend an appropriate outside performance, for which they will pay.

# ESOL



## ESOL – ES100 – Level 1 (English For Speakers Of Other Languages)

**HOD: Mrs L Todd**

This course is for students who do not speak English as their first language and who have recently arrived from overseas. Students will work on reading comprehension, vocabulary, writing, listening and speaking skills. Topics include Health, Life in NZ and other countries, Sustainable living and the environment. Students will talk about themselves in a formal interview.

**Assessment:** Level 2 & 3 Unit Standards in ESOL, assessments in reading, writing, speaking and listening will be offered (20 credits approximately). All assessments offered are internally assessed.

**Recommended Pre-requisites:** None

**Costs:** None

## **ESOL – ES200 – Year 12 (English For Speakers Of Other Languages)**

**HOD: Mrs L Todd**

This course is designed to support the language learning needs of ESOL students in the senior school who have not yet gained Level 1 literacy credits. It emphasizes some of the general skills necessary for employment as well as further study. There will be a strong emphasis on learning vocabulary and learning to use appropriate words in different writing styles. The course also provides opportunities for students to practise their listening and speaking skills in a variety of situations.

**Assessment:** Level 2 or 3 ESOL Unit Standards and a Communication Unit Standard. (20 credits approximately) All assessments offered are internally assessed.

**Recommended Pre-requisites:** No prerequisites but students will be tested at the start of the course to ensure they are likely to be successful in this course.

**Costs:** Students may wish to buy an academic vocabulary text, \$15.00.

## **ESOL – ES320 – University Entrance Literacy Level 2 and Level 3 (English For Speakers Of Other Languages)**

**HOD: Mrs L Todd**

This course caters for students from Years 12 and 13 who wish to gain University Entrance literacy or gain credits towards their Level 2 or 3 NCEA Certificate. It may be taken in addition to or instead of an English course at Level 2 (EG201). It is also suitable for Year 13 students who have gained University Entrance literacy and are completing Level 2 or seeking credits at Level 3. The literature texts studied and films are chosen to appeal to students from different cultural backgrounds. There is a strong emphasis on improving academic reading and writing skills, research and report writing.

**Assessment:** Level 2 and 3 English Unit Standards and Achievement Standards at Level 2 will be offered. Also Level 2 or 3 Communication Unit Standards will be offered. The course will include one externally assessed Achievement Standard in English. (17 20 credits approximately)

**Recommended Pre-requisites:** Students must have some Level 1 English credits or have literacy skills of an equivalent level. All students will be tested at the start of the year to ensure they are likely to be successful in this course.

**Costs:** Students may wish to buy an academic vocabulary text, \$15.00.

# GEOGRAPHY

## **GEOGRAPHY – GE100 – Level 1**

**TIC: Miss A Wilson**

This course will give students a chance to explore environments around the world and look at the changes that have occurred in them over time. This NCEA Level 1 course covers the extreme natural events of earthquakes, resource use in the 21st century, contemporary geographic issues, global geographic topics, geographic research and the application of geographic skills and ideas. Students will participate in a number of field trips throughout the year.

**Assessment:** Up to six Level 1 Achievement Standards (3 internal and 3 external) will be offered – a total of 20 credits.

**Recommended Pre-requisites:** None.

**Costs:** The geographic research field trip to Martinborough will cost about \$25. \$20 for Geography Skills book.

## **GEOGRAPHY – GE200 – Level 2**

**TIC: Miss A Wilson**

This NCEA Level 2 course focuses on environmental issues. It covers two major themes – natural landscapes (New Zealand’s Tongariro Volcanic Centre and Amazonia’s Tropical Rainforest) and urban studies (New Zealand and Singapore). A field trip, contemporary geographic issues, global studies, mapping, graphing and other transferable skills are also part of the course.

**Assessment:** Up to six Level 2 Achievement Standards (3 internal and 3 external) will be offered – a total of 21 credits.

**Recommended Pre-requisites:** This course is open to all students who have an interest in Geography. However, good literacy skills are needed because students will be assessed through essay writing, research reports and map interpretation.

**Costs:** The field trip to Tongariro Volcanic Centre will cost about \$250 (not compulsory); the one day Wellington field trip will cost \$15. \$20 for Geography Skills book.

## **GEOGRAPHY – GE300 – Level 3**

**TIC: Miss A Wilson**

This NCEA Level 3 course focuses on environmental and planning issues. It covers studies of a local coastal environment (including a field trip), tourism

development (in a New Zealand and an overseas setting), contemporary issues and global studies. Mapping, graphing, researching and other transferable skills are also part of the course.

**Assessment:** Up to six Level 3 Achievement Standards (3 internal and 3 external) will be offered – a total of 21 credits. High achieving students may attempt Scholarship.

**Recommended Pre-requisites:** This course is open to all students who have an interest in Geography. However, good literacy skills are needed because students will be assessed through essay writing, research reports and map interpretation.

**Costs:** The coastal field trip will cost about \$20. The Rotorua field trip (4 days) will cost about \$280. \$20 for Geography Skills book.

## HISTORY

### **HISTORY – HS100 – Level 1**

**HOD: Ms A Wards**

This NCEA Level 1 course focuses on the theme of Authority and Resistance in the twentieth century and its significance to New Zealanders. There will be significant student choice in our programme for 2011, yet we expect to cover the topics of the Origins of World War II, New Zealand's foreign policy and the Black Civil Rights movement in the USA. Research, communication and perspective writing skills are developed and assessed through the internal Achievement Standards.

**Assessment:** Up to five level 1 Achievement Standards (3 internal and 2 external; each worth 4 credits.) – offering up to a total of 20 credits

**Recommended Pre-requisites:** None.

**Costs:** None.

### **HISTORY – HS200 – Level 2**

**HOD: Ms A Wards**

This NCEA Level 2 course is a broad survey that focuses on the themes of communism, superpower rivalry and identity in the twentieth century and their significance to New Zealanders. There will be significant student choice in our programme for 2011, yet we expect to cover the topics of Russia in revolution, the Cold War and Vietnamese identity. Research, communication

and perspective writing skills are developed and assessed through the internal Achievement Standards.

**Assessment:** Up to five Level 2 Achievement Standards (3 internal and 2 external; each worth 4 credits) – offering up to a total of 20 credits.

**Recommended Pre-requisites:** This course is open to all students who have an interest in History. However, good literacy skills are needed because students will be assessed through essay writing and research reports.

**Costs:** None.

### **HISTORY – HS300 – Level 3**

**HOD: Ms A Wards**

The Internal Assessment component of this Level 3 course will develop students' research and communication skills, with a focus on developing students' ability to engage in historical ideas and debate. Students may choose their own topics.

The external component covers New Zealand in the 19th century. It is a broad survey course that covers political, economic and social trends and events such as the development of kingitanga, the New Zealand wars and the suffrage and temperance movement.

**Assessment:** Up to four Level 3 Achievement Standards (2 internal and 2 external and one Unit Standard) – offering up to a total of 23 credits

**Recommended Pre-requisites:** This course is open to all students who have an interest in History. However, good literacy skills are needed because students will be assessed through essay writing and research reports.

**Costs:** \$16 for Write On Notes textbook (purchased through the school). The Taranaki field trip (3 days) will cost about \$250.

## **LANGUAGES**

### **CHINESE – CN100 – Level 1**

**HOD : Mr G Marguier**

The course is based on the Level 6 achievement objectives of Chinese in the New Zealand Curriculum. A variety of topics are covered. The four skills of reading, writing, listening and speaking are practised and assessed. Cultural aspects are integrated into the course.

**Assessment:** Up to five Level 1 Achievement Standards (3 internal and 2 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** Students must have completed Year 9 and 10 Chinese or must have prior knowledge of the language sufficient to enable them to enter at this level (if entering the college at Year 11).

**Costs:** \$6.00

## **CHINESE – CN200 – Level 2**

**HOD: Mr G Marguier**

The course is based on the Level 7 achievement objectives of Chinese in the New Zealand Curriculum. The four skills of reading, writing, listening and speaking are practised and assessed. Cultural aspects are integrated into the course.

**Assessment:** Up to six Level 2 Achievement Standards (3 internal and 3 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** Students must have completed Level 1 Chinese with preferably at least an Achievement grade in all four skills or must have prior knowledge of the language sufficient to enable them to enter at this level. Otherwise, entry to the course will be at the discretion of the HOD.

**Costs:** \$6.00

## **CHINESE – CN300 – Level 3**

**HOD: Mr G Marguier**

This course is based on the aims and achievement objectives of Level 8 of Chinese in the New Zealand Curriculum and students need to have mastery of the material in all previous levels of the curriculum. The four skills of reading, writing, listening and speaking are practised and assessed. Cultural aspects are integrated into the course. High achieving students may attempt Scholarship.

**Assessment:** Up to six Level 3 Achievement Standards (3 internal and 3 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** Students must have completed Level 2 Chinese or must have prior knowledge of the language sufficient to enable them to enter at this level (if entering the college at Year 13). High achieving students may attempt Scholarship.

**Costs:** \$6.00

## **FRENCH – FR100 – Level 1**

**HOD : Mr G Marguier**

The course is based on the levels 6 achievement objectives of French in the New Zealand Curriculum. The four skills of reading, writing, listening and speaking are practised and assessed. Topics are Mon Avenir, Au Passé, La Santé, Les Vacances among others. Cultural aspects are integrated into the course.

**Assessment:** Up to five Level 1 Achievement Standards (3 internal and 2 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** Students must have completed Year 9 and 10 French or must have prior knowledge of the language sufficient to enable them to enter at this level (if entering the college at Year 11).

**Costs:** Language Perfect \$10.00 Revision booklet available (optional) \$6.00

## **FRENCH – FR200 – Level 2**

**HOD : Mr G Marguier**

The course is based on the level 7 achievement objectives of French in the New Zealand Curriculum. In Level 2 French, students will develop their ability to communicate in French and to express personal viewpoints on a wide range of topics and in many different situations, using the four language skills – listening, speaking, reading and writing. Topics may include Les Vacances. Les Jeunes, La Santé, La Nouvelle Zélande, La Francophonie, Une Région Française. Cultural aspects are integrated into the course.

**Assessment:** Up to six Level 2 Achievement Standards (3 internal and 3 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** Students must have completed Level 1 French preferably with a grade of at least Achieved in each of the four skill areas or must have prior knowledge of the language sufficient to enable them to enter at this level. Otherwise, entry to the course will be at the discretion of the HOD.

**Costs:** Language Perfect \$10.00 Grammar booklet may be purchased (\$15)

## **FRENCH – FR300 – Level 3**

**HOD : Mr G Marguier**

The course is based on the Level 8 achievement objectives of French in the New Zealand Curriculum. This year's course concentrates on expanding vocabulary, increasing fluency and developing a good style in written French, with a continuing aim of developing communication skills as well as accuracy. The

thematic approach is continued and there is an interesting variety of optional texts, including novels and poetry. Topics may include La Francophonie, L'Environnement, Le Racisme, L'Immigration, La Presse among others. Cultural aspects are integrated into the course.

**Assessment:** Up to six Level 3 Achievement Standards (3 internal and 3 external) – offering a total of up to 24 credits. High achieving students may attempt Scholarship.

**Recommended Pre-requisites:** Students must have completed Level 2 French preferably with a grade of at least Achieved in each of the four skills areas or must have prior knowledge of the language sufficient to enable them to enter at this level. Otherwise, entry to the course will be at the discretion of the HOD.

**Costs:** Language Perfect \$10.00 Grammar booklet may be purchased (\$15).

### **GAGANA SAMOAN – SA100 – Level 1**

**HOD : Mr G Marguier**

NCEA Level 1 Samoan will be offered to students with a moderate knowledge of the language. The course is based on the Level 6 achievement objectives in The National Curriculum for Samoan. Students entering the course should have good basic knowledge of the language/culture. The four basic skills of reading, writing, speaking and listening are practised and assessed, in addition to knowledge of cultural background.

**Assessment:** Up to five Level 1 Achievement Standards (3 internal and 2 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** Students must have completed Year 9 and 10 Samoan or must have prior knowledge of the language sufficient to enable them to enter at this level.

**Costs:** None

### **GAGANA SAMOAN – SA200 – Level 2**

**HOD : Mr G Marguier**

NCEA Level 2 Samoan will be offered to students with a good knowledge of the language. The course is based on the Level 7 achievement objectives in The National Curriculum for Samoan. Students entering the course should have good basic knowledge of the language/culture. The four basic skills of reading, writing, speaking and listening are practised and assessed, in addition to knowledge of cultural background.

**Assessment:** Up to five Level 2 Achievement Standards (3 internal and 2 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** Students must have completed Level 1 Samoan with at least an Achievement grade in each of the four skills or must have prior knowledge of the language sufficient to enable them to enter at this level. Otherwise, entry to the course will be at the discretion of the HOD.

**Costs:** None.

### **GAGANA SAMOAN – SA300 – Level 3**

**HOD : Mr G Marguier**

The Level 3 Samoan course is based on the Level 8 achievement objectives in The National Curriculum for Samoan. The four basic skills of reading, writing, speaking and listening are further developed across a variety of topics with knowledge of cultural background integrated into the course.

**Assessment:** Up to five Level 3 Achievement Standards (3 internal and 2 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** Students must have completed Level 2 Samoan with at least an Achievement grade in each of the four skills or must have prior knowledge of the language sufficient to enable them to enter at this level. Otherwise, entry to the course will be at the discretion of the HOD.

**Costs:** None.

### **LATIN – LT100 – Level 1**

**HOD: Mr G Marguier**

The language is continued from Year 10 at a more advanced level. The study of Latin literature is introduced through the mythological story of “Orpheus and Eurydice”. The course also covers Roman life and culture including daily life and entertainment, and the influences of the Latin language on our own culture.

**Assessment:** Up to six Level 1 Achievement Standards (4 internal and 2 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** Students need to have completed Years 9 and 10 Latin.

**Costs:** None

## LATIN – LT200 – Level 2

**HOD: Mr G Marguier**

For this course there are three main areas; comprehension and translation where skills are developed further; textual studies on town and country living, accompanied by wider reading in English about Roman life and customs; and Roman history. Students study extracts from Livy, Virgil, Horace and Juvenal, chosen to illustrate Roman attitudes to the city of Rome and to town and country life. The course may be studied by Correspondence.

**Assessment:** Up to five Level 1 Achievement Standards (2 internal and 3 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** Students need to have completed Level 1 Latin, preferably with at least 16 credits. Otherwise entry will be at the discretion of the HOD.

**Costs:** None.

## LATIN – LT300 – Level 3

**HOD : Mr G Marguier**

The course followed is the same as for Level 2 Latin at a deeper level.

**Assessment:** Up to six Level 3 Achievement Standards (3 internal and 3 external) – offering a total of up to 24 credits. High achieving students may attempt Scholarship.

**Recommended Pre-requisites:** Students need to have completed Level 2 Latin preferably with at least 16 credits or may sometime enter this course from Level 1 Latin, if their results are outstanding.

**Costs:** None.

# MAORI

## TE REO MAORI – TR100 – Level 1

**HOD: Ms A Kiriwera**

This NCEA Level 1 course continues learning from Years 9 and 10 in listening, speaking, reading and writing. Students are encouraged to participate in cultural activities such as noho marae. Kapa Haka is strongly recommended for all Te Reo students as a form of collective accelerated learning.

**Assessment:** Up to four Level 1 Achievement Standards (2 internal and 2 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** None

**Costs:** \$7.00

## **TE REO MAORI – TR200 – Level 2**

**HOD: Ms A Kiriwera**

Language acquisition continues in this Level 2 NCEA course through listening, speaking, reading and writing, emphasising nga taonga tuku iho. Students also practise and are assessed in practical activities in the arts, raranga, kowhaiwhai and tikanga Maori.

**Assessment:** Up to five Level 2 Achievement Standards (3 internal and 2 external) – offering up to a total 24 credits; plus 2 Unit Standards in practical weaving assessments (up to 10 credits).

**Recommended Pre-requisites:** Students must have completed Level 1 Te Reo Maori and gained 14 credits, or must have prior knowledge of the language sufficient to enable them to work at this level. Otherwise, entry to the course will be at the discretion of the HOD

**Costs:** \$7.00

## **TE REO MAORI – TR300 – Level 3**

**HOD: Ms A Kiriwera**

Language competency and fluency are the focus in this Level 3 NCEA course, across all of the language learning areas of speaking, listening, reading and writing. Idiom, expanded structures and a wide variety of vocabulary is necessary to discuss topical issues. Students are required to research, analyse, speak and write their thoughts on prescribed topics about Te Ao Maori and Tikanga Maori, emphasising local tikanga.

**NCEA:** Up to six Level 3 Achievement Standards (3 internal and 3 external) – offering a total of up to 24 credits. High achieving students may attempt Scholarship.

**Recommended Pre-requisites:** Students must have completed Level 2 Te Reo Maori and gained 14 credits, or must have prior knowledge of the language sufficient to enable them to work at this level. Otherwise, entry to the course will be at the discretion of the HOD

**Costs:** \$7.00

## **MAORI PERFORMING ARTS – MP200 & MP300 – Level 2 & 3**

**HOD: Ms A Kiriwera**

In this course, students will be working towards achieving NZQA Unit Standards at Level 2, Level 3 Maori Performing Arts and Level 1 New Maori Dance. Students will develop and demonstrate skills in Performing Arts including: Contemporary dance fusion with Kapa Haka and Pacifica movements, performance choreography, learning various poi demonstrations (single and double short poi, single, double and quadruple long poi), creating uniform, properties and stage resource design, research into traditional chants and exploring traditional forms of weaponry.

**Assessment:** Up to seven Unit Standards offering a total of 36 credits.

**Recommended Pre-requisites:** To gain entry to this course students will need to have demonstrated competence at Level 1 (Year 11) Te Reo Maori and/or in Kapa Haka Experience.

**Costs:** \$10.00

## **MAORI PERFORMING ARTS – Level 4**

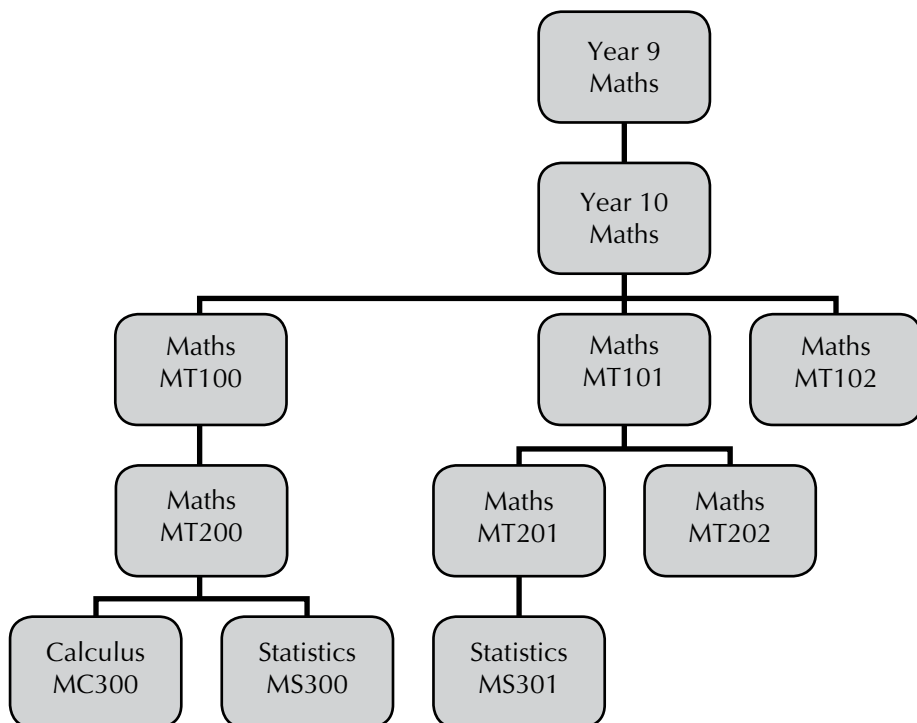
Entry into Level 4 Maori Performing Arts will be decided on whether the students have demonstrated competence and have achieved all Level 2 and Level 3 Unit Standards. Kapa Haka is compulsory for Level 4 students.

### **Te Waharoa**

Te Waharoa is a Level 2 National Certificate that recognises the full range of Maori skills and knowledge a student has mastered. The qualification is made up of 80 credits. You may start gaining credits towards this certificate in Years 11, 12 and 13, but not all students will complete it while at school. To achieve this certificate you will need to achieve credits in Te Reo Maori and Maori Performing Arts.

- 30 credits at Level 1 or Level 2 from field Maori
- 40 credits at Level 2 or above from field Maori
- 10 credits at Level 1 or above from any field on the National Qualifications Framework.

# MATHEMATICS AND STATISTICS



## LEVEL 1 MATHEMATICS AND STATISTICS COURSES

Mathematics and Statistics is a compulsory subject for all students in Year 11. Based on their performance throughout Year 10 and the recommendation of their teacher, students will be placed in one of the following three courses.

### MATHEMATICS AND STATISTICS – MT100 – Level 1

HOD: Mr D Wiggins

#### Content:

#### Number and Algebra

- Apply numeric reasoning in solving problems
- Apply algebraic methods in solving problems
- Investigate relationships between tables, equations and graphs

### **Geometry and Measurement**

- Apply geometric reasoning in solving problems

### **Statistics**

- Investigate a given multivariate data set using the statistical enquiry cycle
- Demonstrate understanding of chance and data

**Assessment:** Up to six Level 1 Achievement Standards (3 external and 3 internal) offering a total of 24 credits

**Recommended Pre-requisites:** None

**Cost:** \$19.00 for a homework book

## **MATHEMATICS AND STATISTICS – MT101 – Level 1**

**HOD: Mr D Wiggins**

### **Content:**

#### **Number and Algebra**

- Apply numeric reasoning in solving problems
- Apply linear algebra in solving problems

#### **Geometry and Measurement**

- Apply right angled triangles in solving measurement problems
- Apply knowledge of geometric representations in solving problems

#### **Statistics**

- Investigate bivariate numerical data using the statistical enquiry cycle
- Investigate a situation involving elements of chance

**Assessment:** Up to six Level 1 internally assessed Achievement Standards offering a total of 19 credits.

**Recommended Pre-requisites:** None

**Cost:** \$19.00 for a homework book

## NUMERACY – MT102 – Level 1

HOD: Mr D Wiggins

### Content:

#### Number and Algebra

- Solve problems which require calculation with whole numbers
- Solve problems using calculations with numbers expressed in different forms
- Use decimals and percentages to solve problems
- Use fractions, ratio and proportion to solve problems
- Solve problems involving money
- Read and interpret information presented in tables and graphs
- Use formulae and equations to solve problems

#### Statistics and Probability

- Carry out a statistical investigation and interpret data
- Determine probabilities in practical situations

**Assessment:** Nine Level 1 Unit Standards offering a total of 20 credits

**Recommended Pre-requisites:** None

**Cost:** \$12.00 for a homework book

**Note:** There is no direct pathway from this course into Level 2. Students wishing to continue studying Mathematics and Statistics in Year 12 are advised to opt for our MT101 course.

## LEVEL 2 MATHEMATICS AND STATISTICS COURSES

### MATHEMATICS AND STATISTICS – MT200 – Level 2

HOD: Mr D Wiggins

### Content:

#### Mathematics

- Manipulate algebraic expressions and solve equations
- Sketch and interpret non linear graphs
- Solve straightforward trigonometric equations
- Find and use straightforward derivatives and integrals
- Solve problems using a coordinate geometry method

## Statistics

- Select a sample and use this to make an inference about the population
- Simulate probability situations and apply the normal distribution

**Assessment:** Seven Level 2 Achievement standards (5 external and 2 internal) – offering a total of 20 credits

**Recommended Pre-requisites:** 16 Achievement Standard credits in Mathematics and Statistics at Level 1 including a Merit in Algebra (AS 90147)

**Cost:** \$30 to hire a graphic calculator from the school (or approximately \$100 to purchase one from a retailer) plus \$19.00 for a homework book

## MATHEMATICS AND STATISTICS – MT201 – Level 2

**HOD: Mr D Wiggins**

### Content:

#### Mathematics

- Use sequences and series
- Sketch and describe graphs
- Find and use derivatives to solve problems involving rates of change
- Solve coordinate geometry problems
- Use networks to find optimal solutions to problems in geometry
- Choose and apply trigonometric methods to solve problems

#### Statistics

- Select a sample and use this to make an inference about the population
- Simulate probability situations and apply the normal distribution

**Assessment:** Two Level 2 internally assessed Achievement Standards and five Level 2 Unit Standards – offering a total of 16 credits

**Recommended Pre-requisites:** 12 credits in Mathematics and Statistics at Level 1 including at least one of these Algebra Standards – US 5238, US 5239, AS 90147 or AS 90148

**Cost:** \$30 to hire a graphic calculator from the school (or approximately \$100 to purchase one from a retailer) plus \$21.00 for a homework book

## NUMERACY – MT202 – Levels 1 and 2

HOD: Mr D Wiggins

### Content:

This will be an individual programme negotiated with the students, beginning with further study at NCEA Level 1 and progressing to Level 2 as and when appropriate

**Assessment:** A mixture of internally assessed Achievement Standards and Unit Standards to meet the needs of the students in the class.

**Recommended Pre-requisites:** Less than 12 credits in Mathematics and Statistics at Level 1

**Cost:** \$12.00 for a homework book

**Note: There is no direct pathway from this course into Level 3. Students wishing to continue studying Mathematics and Statistics in Year 13 may have to opt for our MT201 course if they have not met the pre-requisites for one of the Level 3 courses.**

## LEVEL THREE MATHEMATICS AND STATISTICS COURSES

### MATHEMATICS WITH CALCULUS – MC300 – Level 3

HOD: Mr D Wiggins

#### Content:

##### Mathematics

- Differentiate functions and use derivatives to solve problems
- Integrate functions and use integrals to solve problems
- Solve problems and equations involving trigonometric functions
- Manipulate real and complex numbers, and solve equations
- Sketch graphs and find equations of conic sections

**Assessment:** Five Level 3 Achievement Standards (4 external and 1 internal) – offering a total of 24 credits

**Recommended Pre-requisites:** 16 Achievement Standard credits in Mathematics and Statistics at Level 2 including a Merit in Algebra (AS 90284) and passes in Graphs (AS 90285) Calculus (AS 90286) and Trigonometry (AS 90292)

**Cost:** \$30 to hire a graphic calculator from the school (or approximately \$100 to purchase one from a retailer) plus \$19.00 for a homework book

## **STATISTICS & MODELLING – MS300 – Level 3 HOD: Mr D Wiggins**

### **Content:**

#### **Mathematics**

- Use a model involving curve fitting to solve a problem
- Solve equations

#### **Statistics**

- Determine the trend for time series data
- Calculate confidence intervals for population parameters
- Select and analyse continuous bivariate data
- Solve straightforward problems involving probability
- Use probability distribution models to solve problems

**Assessment:** Seven level 3 Achievement Standards (4 external and 3 internal) – offering a total of 24 credits

**Recommended Pre-requisites:** 14 Achievement Standard credits in Mathematics and Statistics at Level 2 including those in Statistics (AS 90288) and Probability (AS 90289)

**Cost:** \$30 to hire a graphic calculator from the school (or approximately \$100 to purchase one from a retailer) plus \$21.00 for a homework book

## **STATISTICS & MODELLING – MS301 – Level 3 HOD: Mr D Wiggins**

### **Content:**

#### **Mathematics:**

- Use numerical methods to solve problems
- Use linear systems to solve problems
- Use a mathematical model involving curve fitting to solve a problem

#### **Statistics:**

- Plan and carry out an investigation to make inferences about a population
- Use expected values to solve problems
- Use probability models to solve problems

- Determine the trend for time series data
- Select and analyse continuous bivariate data

**Assessment:** Three Level 3 internally assessed Achievement Standards and five Level 3 Unit Standards – offering a total of 24 credits

**Recommended Pre-requisites:** Any 12 credits in Mathematics and Statistics at Level 2

**Cost:** \$30 to hire a graphic calculator from the school (or approximately \$100 to purchase one from a retailer) plus \$21.00 for a homework book

## MEDIA STUDIES

### **MEDIA STUDIES - MD100 Level 1**

**HOD: Miss K Judge**

This course looks at individual media consumption and gives students an opportunity to begin analysing film and news media and the production element focuses on film.

**Assessment:** Up to six Level 1 Achievement Standards (4 internal worth 15 credits and 2 external worth 8 credits) – offering a total up to 23 credits

**Recommended Pre-requisites:** None, though good literacy and technology skills can help.

**Costs:** None

### **MEDIA STUDIES: - MD200 - Level 2**

**HOD: Miss K Judge**

This course covers print and film as mediums, with a practical journalism element and a focus on deconstructing texts and looking at how they affect and reflect society.

**Assessment:** Up to six Level 2 Achievement Standards (3 internal worth 12 credits and 3 external worth 9 credits) – offering a total up to 21 credits

**Recommended Pre-requisites:** None, though good literacy and technology skills can help. As the production element is different in Level 2, students can pick it up without having done Level 1 Media Studies.

**Costs:** None

**MEDIA STUDIES: - MD300 - Level 3**

**HOD: Miss K Judge**

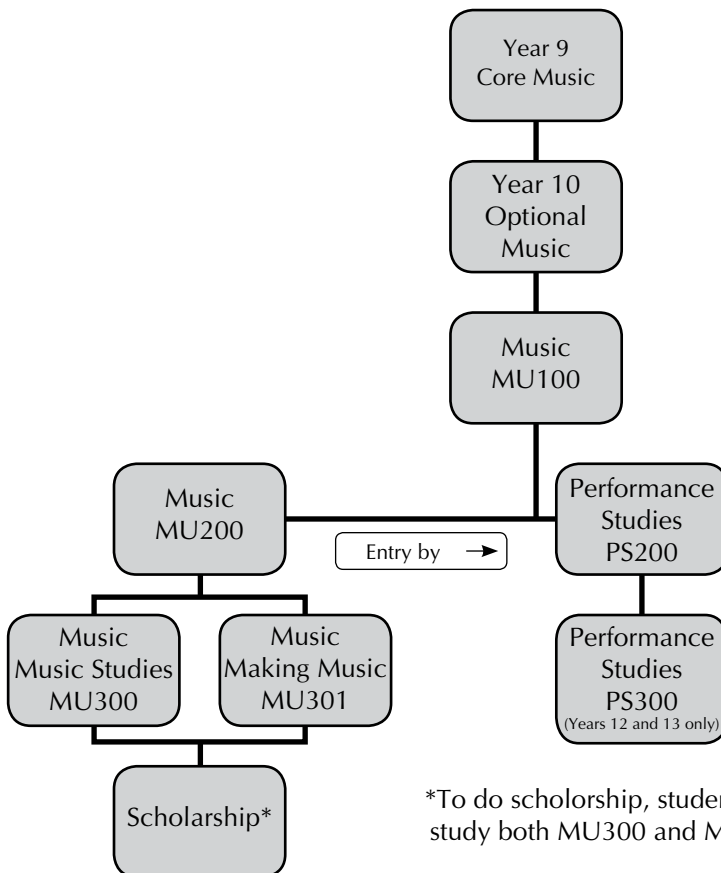
This course covers print and film as mediums, with a practical journalism element and a focus on analysing wider implications of the media and how it operates in society. It builds on skills learnt in Level 2 and has more independent research involved.

**Assessment:** Up to six Level 3 Achievement Standards (4 internal worth 16 credits and 2 external worth 8 credits) – offering a total up to 24 credits

**Recommended Pre-requisites:** At least 9 credits in either Level 1 or Level 2 Media Studies. Others accepted only at discretion of TIC.

**Costs:** None

**MUSIC**



\*To do scholarship, students must study both MU300 and MU3001

## **MUSIC – Level 1 – MU100**

**HOD: Mr B Stewart**

The course includes the development of aural, composition and listening skills, a study of several pieces in various styles and a practical course where individual performance on an instrument (or voice) is assessed.

**Assessment:** Up to six Level 1 Achievement Standards (4 internal and 2 external) – offering a total of up to 30 credits.

**Recommended Pre-requisites:** For NCEA Level 1 Music, students should have completed the Year 10 music option course. In certain circumstances, at the discretion of the HOD, the course may be open to pupils who have undertaken instrumental and theory lessons with a private teacher instead.

**Costs:** Students who do not take music lessons outside school with a private music teacher must be enrolled into the Music Tuition Scheme at a cost of \$25.00 per term per instrument.

Senior music students are expected to attend outside performances where tickets are available at special prices.

## **MUSIC – Level 2 – MU200**

**HOD: Mr B Stewart**

This course includes solo performance, group performance, composition, instrumentation, the study of set works, harmony and aural.

**Assessment:** Up to eight Level 2 Achievement Standards (6 internal and 2 external) – offering a total of up to 44 credits.

**Recommended Pre-requisites:** For NCEA Level 2 Music, students should have completed the Year 11 course and gained Achievement Standard 1.1 (solo recital) and two other Achievement Standards. Otherwise, entry to the course will be at the discretion of the HOD.

**Costs:** Students who do not take music lessons outside school with a private music teacher must be enrolled into the Music Tuition Scheme at a cost of \$25.00 per term per instrument.

Senior music students are expected to attend outside performances where tickets are available at special prices.

## **MUSIC – Level 3 – MU300**

**HOD: Mr B Stewart**

The NCEA Level 3 music has been split into TWO subjects: Making Music (up to 34 credits available) and Music Studies (up to 24 Credits available). Students may take one of these subjects or BOTH (“double Music”) or a mixture of the two. There will be four 1 hour periods of teaching each week. Those taking “double Music” will have a further four hours unsupervised time to work on research topics or composition, or to practise their instruments. In effect, each student will work on an individual programme, similar to what she would encounter at university.

**Assessment:** Up to seven Level 3 Achievement Standards (internal and external combination will depend on which are chosen by individual students). High achieving students may attempt Scholarship Music.

**Recommended Pre-requisites:** Ideally, students will have completed the Level 2 Music Course, but students who have studied music with private music teachers may be included at the discretion of the HOD Music.

**Costs:** Ideally, students at this level will have private instrumental or vocal lessons. In some circumstances, tuition may be offered through the school at a cost of \$25 per term.

Senior music students are expected to attend outside performances where tickets are available at special prices.

## **PERFORMANCE STUDIES – SINGING – Level 2 & 3 PS200/PS300**

**TIC: Mrs R McCorkindale**

Students will perform at recitals, study performance practice, and learn about concert organisation and promotion. Students will study musical theatre, barbershop and solo performances. Entrance for this course requires an audition as students will be required to be competent singers.

**Assessment:** Achievement Standards in solo and group performance Levels 2 or 3 (whichever is applicable to individual students). There are also separate achievement standards for Dance Performance, Makeup Design and Costume Design. Offering a total of up to 27 Credits.

**Pre-requisites:** Entry by audition.

**Costs:** Vocal lessons are part of the course and there is no charge. Students should purchase their own blank CDs or audio tapes to record their songs.

Senior music students are expected to attend outside performances where tickets are available at special prices.

## PHYSICAL EDUCATION

### **PHYSICAL EDUCATION – PE100 – Level 1 HOD : Mrs S Shackleton**

Students in this NCEA Level 1 course participate in physical activities and describe how this influences Hauora. Students are assessed on the performance of physical skills and how they use interpersonal skills in a team setting.

**Assessment:** Up to five Level 1 Achievement Standards (all internal) – offering a total of up to 22 credits.

**Recommended Pre-requisites:** None

**Costs:** None

### **PHYSICAL EDUCATION – PE200 – Level 2 HOD: Mrs S Shackleton**

The NCEA Level 2 course covers theory and practice in a variety of aspects of physical education, sport and recreation, health education, anatomy and physiology and outdoor education.

**Assessment:** Up to 4 Level 2 Achievement Standards (all internal) and 4 Unit Standards – offering a total of up to 28 credits and (3 Unit Standards assessed by outside providers).

**Recommended Pre-requisites:** Students will require at least 10 Level 1 credits from the Achievement Standards to enter this course.

**Costs:** Approx \$100.00 for PE Camp.

### **PHYSICAL EDUCATION – PE300 – Level 3 HOD: Mrs S Shackleton**

This NCEA Level 3 course will involve planning, implementing and evaluating a personal exercise programme to improve health and fitness and competing in a Cycle Expedition in the South Island; a dance module that will assess performance in aerobics; and a sport module studying and performing volleyball.

**Assessment:** Up to three Level 3 Achievement Standards (all internal) and one Level 2 Unit Standard – offering a total of up to 18 credits. High achieving students may attempt Scholarship.

**Recommended Pre-requisites:** Content in the course will be at an advanced level to NCEA Level 2 and students will require at least 10 credits from the Achievement Standards in Year 12 Physical Education.

**Costs:** Up to \$30.00 for Aerobics and Volleyball tuition. Approx \$400 for the Cycle Expedition (end of Term 1), fundraising essential.

## **OUTDOOR EDUCATION Year 12 – OE200 – Level 1 & 2**

**HOD: Mrs S Shackleton**

This course aims to develop an awareness of the opportunities the outdoors provide for recreation. Students will have the chance to develop self confidence, leadership & perseverance through challenging outdoor activities. This course is both theoretical and practical. Practical sessions involve part day, full day or multi day activities all students accepted for this course must participate in all activities, including camps.

Topics covered include but are not limited to; sea kayaking, rock climbing, environmental sustainability, adventure based learning, high & low ropes & leadership development.

**Assessment:** Credits are available using Level 2 Achievement Standards (all internal) and a selection of Level 1, 2 & 3 Unit Standards.

**Recommended Pre-requisites:** No previous experience required. Students may be required to complete an interview process if student interest exceeds class size limits.

**Costs:** \$300 approx

## **OUTDOOR EDUCATION YEAR 13 – OE300 – Level 2 & 3**

**HOD : Mrs S Shackleton**

This course involves planning, implementing and evaluating safe recreational activities in the outdoors. Students will be able to reach basic levels of proficiency as well as develop knowledge of the safety aspects in a variety of pursuits. This course is both theoretical and practical. Practical sessions involve part day or multi day activities and provide considerable opportunities for personal growth

and development. All students accepted for this course must participate in all activities, including camps. Students wishing to extend their knowledge and skills of outdoor pursuits will also find the course stimulating and challenging.

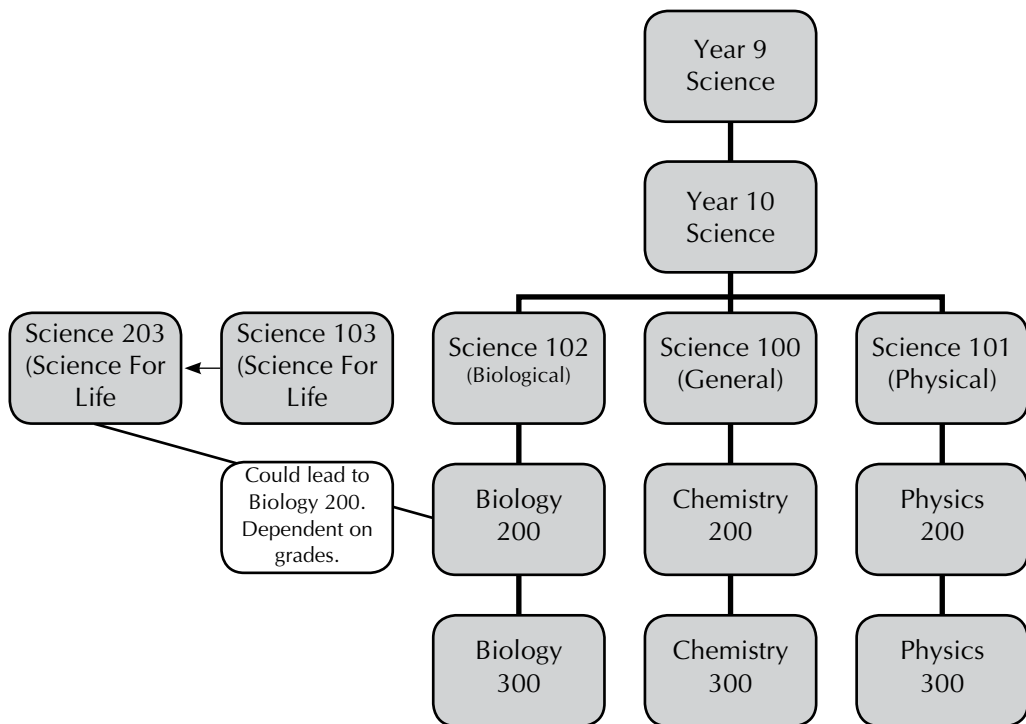
Topics covered include but are not limited to; orienteering, tramping, rock climbing, adventure based learning & leadership development.

**Assessment:** Credits are available through Level 3 Achievement Standards (all internal) and Level 2 & 3 Unit Standards.

**Recommended Pre-requisites:** No previous experience required. Students may be required to complete an interview process if student interest exceeds class size limits.

**Costs:** \$350 approx

## SCIENCES



## BIOLOGY COURSES LEVEL 2 & 3

### BIOLOGY – BL200 – Level 2

**HOD: Mrs A Perry**

This NCEA Level 2 subject is a general course covering ecology, (populations & communities), cell biology, microscope skills, impact of human activities on the environment, genetics and evolution. The course also includes an optional Achievement Standard, Animal form and function, which is externally assessed. In the form and function section a major animal system is examined, eg gas exchange, movement and transport. The course involves field study and assignment work.

**Assessment:** Up to seven Level 2 Achievement Standards (3 internal and 4 external) – offering a total of up to 21 credits; with an additional Unit Standards offered (3 credits).

**Recommended Pre-requisites:** There are different pathways and pre-requisites that get you into BL200.

- Those students who completed SC100 need 10 L1 Science or L1 Biology credits, including A or above in both Biology standards.
- Those students who completed SC102 or SC202 need to get M or above in the Biology standard, and have a recommendation from the SC102/SC202 teacher.

**Costs:** A course work book will be needed at a cost of \$30.00 and \$12.00 for a field trip to the Karori Sanctuary. A field trip to Tongariro Volcanic Centre will cost about \$250 (not compulsory).

### BIOLOGY – BL300 – Level 3

**HOD: Mrs A Perry**

This Level 3 NCEA course covers contemporary biological issues, gene expression, biotechnology, animal behaviour, plant responses, and patterns of evolution. The course also includes an optional plant or animal study which is internally assessed, and the human evolution Achievement Standard which is externally assessed.

**Assessment:** Up to seven Level 3 Achievement Standards (3 internal and 4 external) – offering a total of up to 24 credits. 1 Unit Standard will be offered. High achieving students may attempt Scholarship.

**Recommended Pre-requisites:** There are different pathways and pre-requisites that get you into BL300.

- Those students who completed L2 Biology need a minimum of 10 L2 Biology credits, including A or above in the Genetics standard.
- Those students who have not completed the Level 2 Biology course need 10 Level 1 Science or Biology credits, they must include at least M or above in both of the Biology standards.

**Costs:** A student work book and answer book will be needed at a total cost of \$30.00

## CHEMISTRY COURSES LEVEL 2 & 3

### CHEMISTRY – CH200 – Level 2

**HOD: Mrs L Young**

This course studies different areas of chemistry under the headings: Atomic Structure and Bonding; Organic Chemistry; Quantitative Chemistry; Oxidation and Reduction; and Thermochemistry and Equilibrium. Chemistry involves some calculations and because of this students doing Chemistry, should also be taking a Level 2 Mathematics course. Students considering a career in Biology, should consider taking Chemistry as well.

**Assessment:** Up to seven Level 2 Achievement Standards (4 external and 3 internal) and 2 internal Unit Standards – offering a total of up to 29 credits.

**Recommended Pre-requisites:** Students should have achieved at least 10 credits in Level 1 Science, including AS 1.4 (Describe Aspects of Chemistry). At least a Merit pass in this standard would be preferable.

**Costs:** A student workbook with CD is required at a cost of \$30.00, purchased through the school.

### CHEMISTRY – CH300 – Level 3

**HOD: Mrs L Young**

Topics in this course build on those studied at Level 2 and include Atomic Structure, Bonding, Organic Chemistry, Chemical Equilibrium and Oxidation and Reduction. A research topic with an extended practical investigation worth 4 credits is a major practical focus. There will also be a theory research assessment offered in 2011.

**Assessment:** Up to 7 Level 3 Achievement Standards (3 internal & 4 external) and 2 Level 3 Unit Standards (internal) – offering a total of up to 29 credits. High achieving students may attempt Scholarship.

**Recommended Pre-requisites:** Students wishing to take Level 3 Chemistry should have gained at least 10 credits in Level 2 Chemistry, preferably with Merit.

**Costs:** A student workbook with CD is required at a cost of \$30, purchased through the school.

## PHYSICS COURSES LEVEL 2 & 3

### PHYSICS – PH200 – Level 2

**HOD: Mrs L Young**

This course studies motion, forces, energy, optics, electricity, magnetism and waves. If a career needs Chemistry, then Physics should be considered too. Physics involves calculations and students wishing to take Physics should be studying a Level 2 Mathematics Course.

**Assessment:** Up to six Level 2 Achievement Standards (2 internal and 4 external) – offering a total of up to 24 credits.

**Recommended Pre-requisites:** Students should have achieved at least 10 credits in Level 1 Science, including AS 1.6 (Describe Aspects of Physics). At least a Merit pass in this standard would be preferable. Students should also have achieved the Level 1 Mathematics Standard in algebra.

**Costs:** A student workbook with CD is required at a cost of \$30, purchased through the school.

### PHYSICS – PH300 – Level 3

**HOD: Mrs L Young**

This course extends and expands on the material in the Level 2 course. The one internal Achievement Standard is Carrying out a Practical Investigation and Analysing Data. The externally assessed topics are Wave Systems, Motion (Translational, Rotational and Simple Harmonic), Nuclear Physics and Electricity (A.C., D.C., Capacitance and Electromagnetism).

**Assessment:** Five Level 3 Achievement Standards (1 internal and 4 external) – offering a total of up to 24 credits. High achieving students may attempt Scholarships.

**Recommended Pre-requisites:** Students wishing to take Level 3 Physics should have gained at least 10 credits in Level 2 Physics, preferably with Merit. They should also have achieved AS 2.1 (practical).

**Costs:** Students are required to purchase a workbook with CD at a cost of \$25.00. This is purchased through the school.

## **SCIENCE COURSES LEVEL 1**

Science is a compulsory subject for all students in Year 11. Based on their performance throughout Year 10 and the recommendation of their teacher, students will be placed in one of the following courses.

### **SCIENCE (General) – SC100 – Level 1**

**HOD: Mrs L Young**

This course will be divided into three units of work based on the National Curriculum. It will prepare students for any of the individual Sciences at year 12. The standards to be studied will relate to Physics (Mechanics – forces, motion), Chemistry (Acids and bases and Metal properties and their uses) and Biology (Genetic variation and Life processes and Environmental factors)

**Assessment:** Up to three Level 1 External Achievement Standards (12 credits) and two Internal Achievement Standards (8 credits). Offering a total of up to 20 credits.

**Costs:** None

### **SCIENCE (Chemical and Physical) – SC101 – Level 1**

**HOD: Mrs L Young**

This course will be divided into three units of work based on the National Curriculum. It will focus on the areas of Chemistry and Physics and is designed for students who wish to follow a path in these areas in years 12 and 13.

The units of work will cover the following topics – Chemical Reactions, The Chemistry of Selected Elements and Mechanics (forces and motion). There will also be two practical investigations, one in Chemistry and one in Physics.

**Assessment:** Up to three Level 1 External Achievement Standards (12 credits) and two Internal Achievement Standards (8 credits). Offering a total of up to 20 credits.

**Costs:** None

## **SCIENCE (Biological and Chemical) – SC102 – Level 1**

**HOD: Mrs L Young**

This course will be divided into three units of work based on the national curriculum. It will focus on the areas of Biology and Chemistry and is designed for students who wish to follow a path in these areas in years 12 and 13.

The units of work will cover the following topics – Genetic variation, Mammal as a consumer, Interaction between humans and microbes, the Biological impact of an event on NZ ecosystems and Acids and Bases.

**Assessment:** Up to three Level 1 External Achievement Standards (12 credits) and two Internal Achievement Standards (8 credits). Offering a total of up to 20 credits.

**Costs:** None

## **SCIENCE SC103 – Part 1 – Level 1**

**HOD: Mrs L Young**

This NCEA course will be taught over two years. The second year is called SC202

### **Year 1**

Possible contexts:

Science in our Life – students ask Science Questions and course built around that

Eco home and garden – extension of units in years 9 and 10 with a very practical focus.

World traveller (clothes in different climates, chemistry of different foods, effects on human body).

The course will be based on Student needs and interests, standards will be chosen from the Science Matrix.

**Assessment:** One Level 1 External Achievement Standards (4 credits) and up to two Internal Achievement Standards (8 credits). Offering a total of up to 12 credits

**Costs:** None

## Year 2 following on from SC102

This is the second part of the SC102 course run in 2010. It will cover the aspect of the Living World (Micro organisms) and other topics based on student interest.

**Assessment:** 1 external Level 1 Achievement Standards worth 2 credits will be assessed. Also internally assessed Unit Standards will be offered up to a total of 10 credits.

**Recommended Pre-requisites:** Students will have completed part 1 of this two year course, Science 100 but have failed to achieve SC1.6 (Describe Aspects of Physics) and B1.8 (Micro organisms).

**Costs:** None

## TECHNOLOGY SUBJECTS

The Technology subjects included in this section are Digital Technology (digital technologies, computing, information management); Graphics; Foods; Fabrics Technology (soft materials) and Workshop Technology (hard materials)

## DIGITAL TECHNOLOGIES

### DIGITAL TECHNOLOGIES – Level 1 DT100 HOD: Mrs C Roughton

This NCEA Level 1 course develops students' understanding and skills in:

- **Digital Information** - understanding basic concepts of information management and implementing basic procedures to produce a specified digital information outcome;
- **Digital Media** - demonstrating understanding of basic concepts of digital media and implementing basic procedures to produce a specified digital media outcome; and a combination of two of the following (finalised on release of final standards and resources):

- **Technology** - using planning tools to guide the development of an outcome;
- **Infrastructure** demonstrating an understanding of the common components of digital infrastructures;
- **Programming & Computer Science** constructing an algorithmic structure for a basic task.

**Assessment:** Up to six Level 1 Achievement Standards (5 internal and 1 external) offering a total of up to 21 credits.

**Recommended Pre-requisites:** We prefer students to have completed the Year 10 Technology Education Course but at discretion of HOD.

**Costs:** None

## **ALTERNATIVE INFORMATION MANAGEMENT – Level 1 IM111**

**HOD: Mrs C Roughton**

This foundation NCEA Level 1 course in Information Management develops and strengthens skills in text entry, formatting, editing; file management, and document design.

**Assessment:** Two Level 1 Achievement Standards (4 Level 1 credits) and four Level 1 Unit Standards (10 credits), offering a total of up to 14 credits.

**Recommended Pre-requisites:** None.

**Costs:** None

## **COMPUTER STUDIES – Level 2 CS200**

**HOD: Mrs C Roughton**

Level 2 Computer Studies develops students' understanding and skills relating to: print design; web design; digital communications technologies; data manipulation in spreadsheets; presentation; and the management and protection of data in a personal computer system.

**Assessment:** Up to 20 Level 2 credits from Unit Standards are offered. These credits can also be credited towards the Level 2 National Certificate in Computing.

**Recommended Pre-requisites:** Students must have completed Level 1 Information Management or Level 1 Mathematics; in exceptional cases, at discretion of HOD.

**Costs:** Due to the high cost of colour printing a fee of \$15.00 will be charged to students.

## **ALTERNATIVE COMPUTER STUDIES – Level 1 & 2 CS201**

**HOD: Mrs C Roughton**

This is a practical course in which students learn computer skills for the workplace. They learn to demonstrate and apply knowledge of a personal computer system; create a simple spreadsheet; use a word processor to produce documents; demonstrate navigation skills using a browser; use digital communications technologies; and produce a presentation using a desktop presentation computer application.

**Assessment:** 11 Level 2 credits and 7 Level 1 credits from Unit Standards are offered. The Level 2 credits can also be credited towards the Level 2 National Certificate in Computing.

**Recommended Pre-requisites:** It is recommended that students have completed the Information Management course 101 in Year 11.

**Costs:** None.

## **COMPUTER STUDIES – Level 3 CS300**

**HOD: Mrs C Roughton**

Level 3 Computer Studies leads on from CS200 and develops students' knowledge and skills relating to data manipulation in spreadsheets; print design in single page, multi page and folded documents; web design; and creating and monitoring project plans.

**Assessment:** Up to 19 Level 3 credits from Unit Standards are offered. These credits can also be credited towards the Level 3 National Certificate in Computing.

**Recommended Pre-requisites:** Students must have completed Level 2 Computer Studies (CS200). Entry for any other student is only at discretion of HOD.

**Costs:** Due to the high cost of colour printing a fee of \$20.00 will be charged to students.

## ALTERNATIVE COMPUTER STUDIES – Level 2 CS301

HOD: Mrs C Roughton

CS301 is a practical course which leads on from CS201. It is designed to complete the Level 2 National Certificate in Computing begun in that course and also offers 19 Level 2 credits towards NCEA. Students learn to manipulate information using spreadsheets; demonstrate an understanding of ergonomic principles for computer workstations; use the Internet for information retrieval in an organization; manage and protect data in a personal computer system; use and maintain personal computer peripherals; and producing desktop published documents.

**Assessment:** Up to 19 Level 2 credits from Unit Standards are offered, which are also credited towards the Level 2 National Certificate in Computing.

**Recommended Pre-requisites:** It is preferred that students have completed CS201.

**Costs:** None.

## FABRICS TECHNOLOGY (Soft Materials Technology)

### FABRICS TECHNOLOGY – FA100 – Level 1 HOD: Mrs P Williamson

NCEA Level 1 in Technology (soft materials). Fabrics Technology is a practical subject based on the technology related activities of designing, making, testing and evaluating products using a range of materials, equipment and processes. Students are expected to work independently.

**Assessment:** Offering four level 1 Achievement Standards, a total of up to 20 credits.

**Recommended Pre-requisites:** It is recommended that students entering this course be required to have had Year 9 Soft Materials Technology and/or Year 10 Fabric Technology.

**Costs:** As this is a take home product all materials for practical work are to be supplied by the student.

## **FABRICS TECHNOLOGY – FA200 – Level 2 HOD: Mrs P Williamson**

This Level 2 course in Technology (soft materials) is a practical subject based on the technology related activities of designing, making, testing and evaluating products using a range of materials, equipment and processes. Students are expected to work independently.

**Assessment:** Up to two Level 2 Achievement Standards and two Level 2 Unit Standards (10 credits) which are all internally assessed. Offering a total of up to 20 credits

**Recommended Pre-requisites:** It is recommended that students entering this course be required to have studied either or both Year 10 and Year 11 Technology.

**Costs:** As this is a take home product all materials for practical work are to be supplied by the student. A materials cost of \$10 is required for extras e.g. thread, pins etc .

## **FABRICS TECHNOLOGY – FA300 – Level 3 HOD: Mrs P Williamson**

Fabrics Technology is a study of textiles using a technological approach. Participation involves expressing ideas in practical terms using selected materials. Emphasis is placed on developing process skills to a very high standard. The completion of this course gives entry to Design School.

**Assessment:** Two Unit Standards at Level 3 and two Unit Standards at Level 4 – these are all internally assessed. The total number of credits are 11 at Level 3 and 12 at Level 4

**Recommended Pre-requisites:** It is recommended that students entering this course be required to have studied either or both Level 1 and Level 2 Fabrics Technology.

**Costs:** As this is a take home product all materials for practical work are to be supplied by the student. A materials cost of \$10 is required for extras e.g. thread, pins etc .

## FOOD AND NUTRITION / HOSPITALITY (HSI)

### **FOOD AND NUTRITION – FO100 – Level 1 HOD: Mrs P Williamson**

This course focuses on healthy eating and its relationship to Hauora. Pupils will study basic food safety, healthy food choices for teenagers, the cultural significance of food and interpreting nutritional information.

Food and Hauora will be examined on both a personal and societal level.

**Assessment:** Up to four Level 1 Achievement Standards – offering a total of up to 20 credits.

**Recommended Pre-requisites:** It is recommended that students entering this course be required to have had either or both Year 9 and Year 10 Food Technology.

**Costs:** Students pay a fee of \$25 to help cover the cost of food used in practical classes.

### **FOOD AND NUTRITION – FO200 – Level 2 HOD: Mrs P Williamson**

This course expands on the issues discussed at Level One. Pupils will look at nutritional issues in greater depth, relating them to their personal experience and exploring the food choices of others in society.

**Assessment:** Up to four Achievement Standards offering a total of up to 20 credits.

**Recommended Pre-requisites:** Students entering this course must have completed Food and Nutrition Level 1 and gained at least 12 credits. Otherwise, entry is at the discretion of the HOD.

**Costs:** Students pay a fee of \$25 to help cover the cost of food used in practical classes.

### **HOSPITALITY – HP100 – LEVEL 1**

**HOD: Mrs P Williamson**

This course utilises Unit Standards from HSI, the ITO in charge of the Hospitality industry. Pupils will study basic food safety and be introduced to food preparation techniques used in a commercial setting. This course has a large practical component.

**Assessment:** All standards are Level 1 ITO Unit Standards that are internally assessed. The Unit Standards are recognised in the workplace. The total number of standards used and credits offered will depend on the students in the course. Up to a total of 18 credits will be offered.

**Pre-requisites:** It is recommended that students entering this course be required to have either or both Year 9 and Year 10 Food Technology. There are limited places for this course and students may be required to be interviewed before being accepted into the course.

**Costs:** Students pay a fee of \$25 to help cover the cost of food used in practical classes.

## **HOSPITALITY – HP200 – LEVEL 2**

**HOD: Mrs P Williamson**

This course builds on the skills and knowledge covered in Level One. Pupils will learn more complex food preparation skills and build on their food safety knowledge.

**Assessment:** All standards are Level 1 and Level 2 ITO Unit Standards that are internally assessed. These Unit Standards are recognised in the workplace. The total number of standards used and credits offered will depend on the students in the course and the Unit Standards they completed in the Level 1 Course. Also Unit Standard 167 Food Safety (the first Unit Standard covered) is a pre requisite for the rest of the standards studied at Level 2.

**Pre-requisites:** It is recommended that students entering this course be required to have completed Hospitality Level 1. There are limited places for this course and students may be required to be interviewed before being accepted into the course.

**Costs:** Students pay a fee of \$25 to help cover the cost of food used in practical classes. Students will wear a uniform (initially supplied) that meets the industry standards.

# GRAPHICS

## **GRAPHICS – GR100 – Level 1**

**HOD: Mr Z Gooderidge**

This course is divided into three design briefs covering all NCEA Level 1 Achievement Standards. The briefs are designed to provide a variety of challenging design and drawing experiences which will promote students' awareness and understanding of technologies. A range of Graphic materials will be utilised to design, create, build, test and evaluate mock ups and a model. Skills such as freehand sketching, accurate construction methods and technical illustration methods and conventions will be explored.

**Assessments:** Up to seven Level 1 Achievement Standards (4 internal and 3 external) offering a total of up to 25 credits.

**Recommended Pre-requisites:** None

**Costs:** Materials \$5.00

## **GRAPHICS – GR200 – Level 2**

**HOD: Mr Z Gooderidge**

The course is divided into three design briefs covering all NCEA Level 2 Achievement Standards. The students will be focusing on the design process solving design problems in the three major areas: architecture; engineering; and media. The briefs will promote in students an awareness and understanding of the technologies, and their applications, and of economic and environmental issues that encourage the exercising of aesthetic values. Design, graphic and presentation skills will be enhanced from previous year to achieve best results at assessment.

**Assessments:** Up to eight Level 2 Achievement Standards (4 internal and 4 external) offering a total of up to 24 credits.

**Recommended Pre-requisites:** None

**Costs:** Materials \$5.00

## **GRAPHICS – GR300 – Level 3**

**HOD: Mr Z Gooderidge**

The course is divided into three design briefs covering all NCEA Level 3 Achievement Standards. The students will be focusing on the design process to solve design problems in the three major areas: architecture, engineering and media. The briefs will promote in students an awareness and understanding of the technologies, and their applications, and of economic and environmental issues that encourage the exercising of aesthetic values. The students will be given the opportunity to formulate their own design briefs and work with a real client for one project. They will then be expected to present their final solution to the client. Students are expected to choose and complete 2 of the 3 available internal Achievement Standards.

**Assessments:** Up to five Level 3 Achievement Standards (2 internal & 3 external) offering a total of up to 24 credits. High achieving students may attempt Scholarship.

**Recommended Pre-requisites:** None

**Costs:** Materials \$5.00

## **WORKSHOP TECHNOLOGY (Hard materials technology)**

### **WORKSHOP TECHNOLOGY – WT100 – Level 1**

**HOD: Mr M Chalmers**

This course involves researching, designing and producing items made from wood, acrylic and metal. Practical skills in tool and machinery use will be developed along with the theoretical knowledge of materials and equipment. The course is based around the Technological Process covering brief development, identification of Key Factors, project planning and evaluation.

**Assessment:** Three Level 1 Achievement Standards (all internal), total: 16 credits. An additional Unit Standard will also be offered, 3 credits – offering a total of up to 19 credits.

**Recommended Pre-requisites:** It is necessary to have taken Workshop Technology in Year 10.

**Costs:** A fee of \$40.00 will be charged to part cover the cost of the student's take home materials.

## **WORKSHOP TECHNOLOGY – WT200 – Level 2**

**HOD: Mr M Chalmers**

This course involves researching, designing and producing items made from wood, acrylic and metal. Practical skills in tool and machinery use will be developed along with the theoretical knowledge of materials and equipment. The course is based around finding solutions to client issues and covers brief development, identification of Key Factors, project planning and ongoing evaluation of project work. Some of the design work will be done on CAD programs.

**Assessment:** Four Level 2 Achievement Standards (all internal) offering a total of up to 20 credits.

**Recommended Pre-requisites:** It is necessary to have taken Workshop Technology Level 1 and gained 10 credits.

**Costs:** A fee of \$40.00 will be charged to part cover the cost of the student's take home materials.

## **WORKSHOP TECHNOLOGY – WT300 – Level 3**

**HOD: Mr M Chalmers**

The course involves finding technological solutions for clients. researching, designing and producing items made from wood, acrylic and metal. Practical skills in tool and machinery use will be developed along with the theoretical knowledge of materials and equipment. Some of the design work will be done on CAD programs

**Assessment:** Four Level 3 Achievement Standards (all internal), offering a total of up to 24 credits.

**Recommended Pre-requisites:** It is necessary to have taken Workshop Technology Level 2 and gained at least 10 credits.

**Costs:** A fee of \$40.00 will be charged to part cover the cost of the student's take home materials.