

# NORTHCOTE COLLEGE

## COURSE DIRECTORY

### 2012

Dear Students, Parents, Guardians and Caregivers

This Course Directory sets out the Northcote College Year 10-13 school curriculum, the criteria for advancement through the levels in each subject, as well as providing a brief description of the course content and assessment. It is designed to assist students and parents to make the appropriate course selection. Our goal is that each student should reach his/her maximum academic potential in their time with us, and leave with the best qualifications possible, to pursue higher education and achieve their career goals.

The National Certificate of Educational Achievement (NCEA) allows students to individualise programmes to suit their interest and strengths. It is important to plan educational pathways with care, ensuring the literacy and numeracy and other requirements for University Entrance are met.

The National Standards Alignment Project which changed literacy and numeracy requirements for Level 1 NCEA in 2011, continues into Level 2 in 2012. In addition, NZ universities have imposed more stringent entry requirements for many of their courses and the entry criteria for 2014 and beyond has implications for those students currently in Year 9 - 11. All of these changes are outlined in the front section of this Course Directory.

As you read this directory, you will notice that the range of subjects on offer is designed to cater for the wide range of student needs. Ideally students will keep a broad subject choice for as long as possible as increasingly tertiary educational institutions are looking for evidence that students have achieved well in a range of subjects.

We hope that you find this booklet useful in choosing a course of study for 2012.



V. Barrie  
*Principal*



Karen Russell  
*Deputy Principal*  
*(i/c Curriculum & Assessment)*

<b>TABLE OF CONTENTS</b>
--------------------------

<b>Section 1 General Information</b>	<b>Page</b>
Courses available at Northcote College .....	4
Year Level Requirements for 2012 .....	6
<b>Literacy &amp; Numeracy Requirements</b> .....	9
Selecting Your Courses for 2012 .....	11
Where to go for Help with Choosing a Course .....	12
People to See for Subject Advice .....	13
<b>Qualifications</b> .....	14
NCEA	
Standards Alignment Project	
How do students complete a qualification?	
Level 1	
Level 2	
Level 3	
NCEA Results	
Scholarship	
<b>University Entrance</b> .....	18
Approved Subjects for University Entrance	
School Leaver Admission Requirements	
Subject Recommendations for Careers .....	21
2012 Course Codes .....	23

<b>Section 2 Subject Descriptions</b>	<b>Page</b>
<b>English</b> .....	24
<b>ESOL</b> .....	36
<b>Media Studies</b> .....	42
Media Production	
<b>Mathematics</b> .....	49
<b>Science</b> .....	56
Biology, Chemistry, ESOL Science, Foundation Science, General Science, Horticulture, Physics	
<b>Arts</b> .....	68
Drama	
Music	
Visual Arts	
<b>Physical Education &amp; Health</b> .....	84
<b>Technology</b> .....	90
Electronics, Graphics, Carpentry, Hard Materials Technology, Fashion and Food Technology, Food & Nutrition, Hospitality, Childcare Digital & Creative Technologies.....	111
<b>Social Sciences</b> .....	118
Classical Studies	
Foundation Social Sciences	
Geography	
History	
Society & Culture	
Tourism	
<b>Commerce</b> .....	133
Accounting	
Business Studies	
Economics	
<b>Languages</b> .....	141
Te Reo Maori	
French	
Japanese	
Spanish	

# Courses

available at Northcote College

	Learning Area	Year 9	Year 10
	English	English	English  Media Studies
	ESOL	ESOL	ESOL
	Mathematics	Mathematics	Mathematics
	Science	Science	Science  Horticulture
	Arts	Arts (8 weeks) Art (option ½ year)  Drama (option ½ year)  Music (option ½ year)	Art  Drama Music
	Health & Physical Education	PE Health	PE Health
	Technology	Technology (core) <i>(includes: Materials Technology, Graphics, Food, Electronics Technology, Digital &amp; Creative Technologies)</i> Hard Materials Tech (opt) Fabric Technology (opt) Food Technology (opt)	Graphics Electronics  Hard Materials Technology  Fashion Technology Food Technology  Digital & Creative Technology
<b>Key:</b> The compulsory subjects are shown in bold. At least one course must be taken from each compulsory subject box.	Social Sciences	Social Studies	Social Studies   Business Studies
	Languages	Maori French Japanese Spanish	Te Reo Maori French Japanese Spanish

Year 11	Year 12	Year 13	Learning Area
English English Through Film Foundation English  Media Studies	English English through Film Foundation English  Media Studies Media Production	English Literature English Through Film English Literacy  Media Studies Media Production	English
ELL Stage 1 and 2 / ELA Literacy 1 / ELA Stage 2 and 3 / ELA Literacy 2 / ELF			ESOL
Achievement Standards Maths Maths Towards Numeracy	Achievement Standards Maths Unit Standards Maths	Maths with Statistics Maths with Calculus Unit Standards Maths	Mathematics
Science ESOL Science Foundation Science Horticulture Horticulture Skills Biology Chemistry Physics	Science  Foundation Science  Biology Chemistry Physics	    Biology Chemistry Physics	Science
Art Painting Art Design  Drama  Music	Painting Design Photography Art History  Drama  Music	Painting Design Photography Art History  Drama  Music	Arts
Physical Education Recreational PE	Physical Education Recreational PE	Physical Education Recreational PE	Health & Physical Education
Graphics Carpentry Electronics Hard Materials Technology Fashion Technology Food & Nutrition Hospitality  Digital & Creative Technology	Graphics Carpentry Electronics Hard Materials Technology Fashion Technology Food & Nutrition Hospitality Early Childhood Education Digital Design & Print Web Design	Graphics Carpentry Electronics Hard Materials Technology Fashion Technology Food & Nutrition Hospitality Early Childcare Education Digital Design & Print Web Design Business Computing	Technology
Geography History Foundation Social Sciences  Accounting Economics	Geography History Foundation Social Sciences Tourism Classical Studies Accounting Economics	Geography History Foundation Social Sciences Tourism Classical Studies Accounting Economics	Social Sciences
Te Reo Maori French Japanese Spanish	Te Reo Maori French Japanese Spanish	Te Reo Maori French Japanese Spanish	Languages

## YEAR 10 COURSE REQUIREMENTS

- All Year 10 students will take courses in Mathematics, Science, Social Studies, English, Physical Education and Health.
- In addition, students will choose one option subject from the Arts, including Media Studies and one from Technology. A third option may be selected from column 3.
- Option subjects offered in 2011:

**The Arts**  
 Art  
 Drama  
 Music  
 Media Studies

**Technology**  
 Graphics  
 Food Technology  
 Hard Materials Technology  
 Fashion Technology  
 Electronics  
 Digital & Creative Technologies

*NB: Students who are considering taking more than one of Materials Technology, Electronics and Digital & Creative Technology should refer to the HOD Technology for advice.*

**Option 3**  
 Horticulture  
 Media Studies  
 Business Studies  
 Te Reo Maori  
 French  
 Japanese  
 Spanish  
 Art  
 Drama  
 Music  
 Graphics  
 Food Technology  
 Hard Materials Technology  
 Fashion Technology  
 Electronics  
 Digital & Creative Technologies

## YEAR 11 COURSE REQUIREMENTS

1. All Year 11 courses must include English, Mathematics and one or more of the Sciences. Students are advised to take no more than two subjects from one learning area (see pages 4-5). Exceptions can only be made with the approval of the HOD and Dean.
2. Most Year 11 students will do a full course of six NCEA subjects. With the approval of the Dean and parents, students are able to choose a course of five NCEA subjects plus Recreational Physical Education.
3. In exceptional cases, students may select courses from more advanced levels with the approval of their parents, the HOD and the Academic Mentoring Dean.

## YEAR 12 COURSE REQUIREMENTS

1. All Year 12 courses must include English.
2. Mathematics at Level 2 is recommended for many pathways beyond school. Refer to Course Directory pages 21-22. While a course in Mathematics is not compulsory in Year 12, students are advised to take Mathematics beyond Level 1 and should ensure that they have met the credit numeracy requirements for entrance to university. If these requirements have not been achieved in Level 1, a 12MTU course would be an appropriate subject choice. Consult your Dean. If Mathematics is not included in your Year 12 programme you must have discussed your subject choices and intended pathway with your Dean before your course will be approved.
3. We also recommend that Year 12 students include a Science subject in their programme.
4. Students are reminded of the requirement of the New Zealand Curriculum Framework that their course of study be broad and balanced. In general, students may take no more than two subjects from one learning area in any one year of study. Exceptions can only be made with the approval of the Dean and the HOD.
5. Most students will do a full course of six NCEA subjects. With the approval of the Dean and of parents, students are able to choose a course of five NCEA subjects and Recreational Physical Education.
6. Students may select courses from other senior levels with the approval of their parents, the HOD and the Dean.
7. Entry to senior courses will be based on progress made the previous year in that subject and in accordance with the Northcote College Criteria for Advancement. Course selection will be checked, and students will be notified of their enrolment status in each subject at the end of the year. Students wishing to appeal the decision or change courses must attend a Course Confirmation Day at the beginning of the 2012 school year and bring evidence of their achievement e.g. NZQA interim result notice.
8. Students and parents are advised to read the section on current University Entrance requirements (page 18). The Level 2 literacy requirement and Level 1 numeracy requirement is of particular importance.

## YEAR 13 COURSE REQUIREMENTS

1. All students must select a full-time course of five or six subjects which may include subjects from another senior level. Check the credit level of your courses carefully and in particular the requirements for University Entrance (page 18). If in doubt, ask the Careers Counsellor for advice.
2. The workload for portfolio subjects (Visual Arts, Graphics etc) is significant and students in these programmes need to be highly motivated and have strong self management skills. Students choosing practical art subjects in Year 13 are strongly advised to take only one subject although they may choose to take any two of Photography, Painting or Design with the approval of the HOD Art.
3. Entry to senior courses will be based on progress made the previous year in that subject and in accordance with the Northcote College Criteria for Advancement. Course selection will be checked and students will be notified of their enrolment status in each subject at the end of the year. Students wishing to appeal the decision or change courses must attend a Course Confirmation Day at the beginning of the 2012 school year and bring evidence of their achievement e.g. NZQA interim result notice. **Please note that students may multi-level their course but if taking fewer than three Year 13 courses there is no entitlement to a study period.**

## LITERACY AND NUMERACY REQUIREMENTS

It is essential that courses planned for Year 11 and Year 12 students in 2012 contain enough literacy credits and enough numeracy credits to meet the requirements for NCEA Level 1 and for University Entrance. While you can gain many more credits before the end of this year, it is important to check that you can and will meet these requirements. In 2012 the literacy and numeracy requirements increase (refer page 15).

Year 11, 12 and Year 13 students 2012: Fill in the table below to help check that you have enough credits. You can use this information to help complete your option sheet.

Literacy & Numeracy Check 2010		Credits you need	Credits you already have	Credits still available this year	Will you have enough credits?	If you have answered "No", or "maybe" you should talk to the HOD of the subject area about your course for next year.
Credits needed for	Literacy	NCEA Level 1	10 at Level 1 in English or Maori			
		UE	4 at Level 2 in Reading and 4 at Level 2 in Writing English/Te Reo	R: W:		
	Numeracy	NCEA Level 1	10 at Level 1 in Mathematics			
		UE	14 Level 1 Mathematics			
			Write in the number of credits you have gained so far	Write in the number of credits still available. Get this from your course outline outline.	Answer yes, no, or maybe	

In 2011 the Ministry of Education and NZQA increased the literacy requirement for NCEA Level 1 from 8 credits to 10 credits and the numeracy requirement for NCEA Level 1 from 8 credits to 10 credits.

New requirements for entrance to a New Zealand university will come into effect in 2014 (refer to page 18).

***Level 1 Reading & Writing standards that can be counted towards literacy for Level 1 NCEA***

Standards meeting the Literacy and Numeracy requirement at Level 1 are identified by individual standard on the subject outline pages following and include selected standards in:

Accounting	Biology	Chemistry
Digital & Creative Technologies	Drama	Economics
Electronics	English	Food & Fashion Technology
Foundation Social Sciences	Geography	Graphics
Hard Materials Technology	History	Horticulture
Mathematics	Media Studies	Music
Painting	Physical Education	Physics
Science	Te Reo Maori	

***L2 Reading & Writing standards that can be counted towards literacy for University Entrance:***

**English:**

*Reading* – AS 90724, 90380, 2.7, 2.8, 2.9, US 8834, 8823, 12427, 12428, 12430, 12429, 12905, 12419, 12420, 12421, 12422.

*Writing* – AS 90720, 90375, 90376, 2.4 US 8841, 8842, 8835, 8825.

*Reading & Writing* - AS 90721, 90722, 90723, 90726, 90377, 90378, 90379, 90381, 2.1, 2.2, 2.3.

**Te Reo Maori:**

*Reading* – AS 90441, 90752, 90753, 7266, 90781, 90784, 90786, 90789, 2.3, US 7267, 7268.

*Writing* – AS 90782, 90783, 90754, 90755, 90770, 90757, 90787, 90790, 2.4, 2.5, US 7258, 7259, 7260.

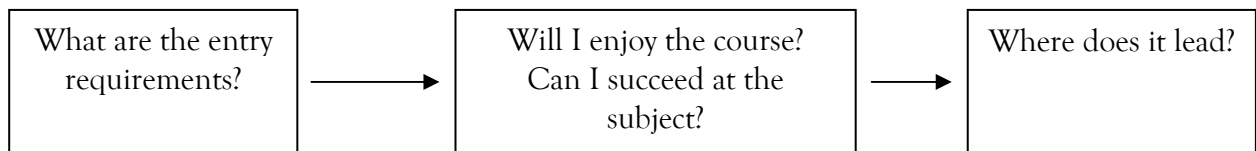
*Note:* Achievement Standards 90444, 90445, 90448, 90544, 90538, 90545 and 90539, now expired, will continue to be recognised as meeting the literacy requirements for learners who have them in their Record of Achievement.

[[www.nzqa.govt.nz](http://www.nzqa.govt.nz)]

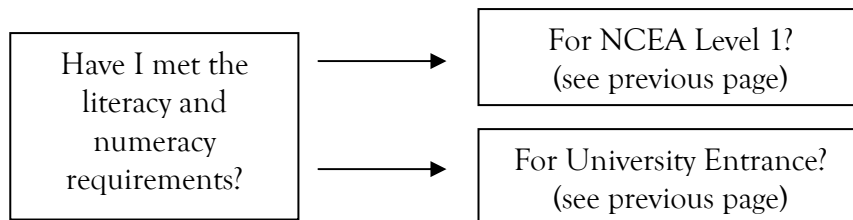
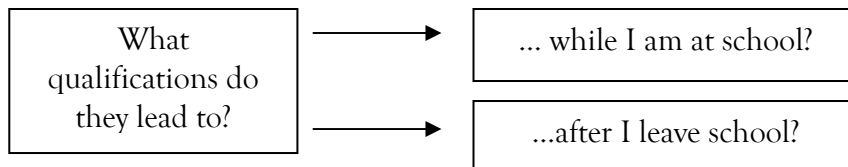
## SELECTING YOUR COURSES FOR 2012

The courses you select are crucial for your future, so it is important that you think carefully about your course direction. The further you go in the senior school, the more difficult it becomes to change that direction. That is why the very best advice is to keep as broad a range of subjects as possible for as long as possible.

**For each subject you choose:**



**For the group of senior courses you choose:**



**After choosing your senior course check:**

- Do you have enough credits for the qualification you are seeking?
- Will you meet the literacy and numeracy requirement for NCEA Level 1 or for University Entrance? (see previous page)
- Do your subjects lead you to the sort of learning that you want to do in future years? (see pages 4-5)
- Is the workload, for all your subjects put together, manageable?
- Have you selected subjects that provide you with a good chance of success?

## WHERE TO GO FOR HELP WITH CHOOSING A COURSE

- **Parents or guardians** are required to sign the student's option choice sheet to show that they approve of the choices made.
- **Form teachers and Deans** must sign to show that the student's course is suited to what the student wants to do and conforms to the requirements for national qualifications.
- For courses with entry requirements, **Heads of Departments and/or teachers in charge of subject areas** must sign to show that the student has met the required criteria.
- **Current subject teachers** can give you a good idea of whether you should carry on in a subject or not and where it might lead you. Subject teachers are also required to sign your option form.
- Entry to senior courses is based on student achievement in that subject or related subjects. In many cases, "achieved" is not sufficient to gain entry to a higher level of study. At the end of the year student selections are checked and enrolment in each subject is confirmed if the student has met the entry requirement for the subject. Refer to the **Criteria for Advancement** listed at the start of each learning area.
- In the **Careers Room** you will find information on most tertiary institutions and careers. The **Careers Counsellor** is also available to provide advice. Watch the notices for information sessions that relate to areas of interest to you, and if you need individual guidance, make an appointment to see the Careers Counsellor.

<b>PEOPLE TO SEE FOR SUBJECT ADVICE</b>
---

<i>Curriculum Area</i>	<i>HOD and/or Teacher in Charge</i>
ART	Jessica Douglas
CAREERS & TRANSITION	Philippa Leask
COMMERCE	Simon Condon
DRAMA	Kate Olliver
ENGLISH	Kate Meade
MEDIA	Jane Hall
ESOL	Rachel Hartles
INTERNATIONAL LANGUAGES	Yvonne Acheson
LEARNING SUPPORT CENTRE and SPECIAL NEEDS	Elvin Cheeseman
MAORI	Mark Snowden
MATHEMATICS	Sam McNaughton
MUSIC	Deece Guisinger
PHYSICAL EDUCATION & HEALTH	Arie van der Zwan HOD Stuart Chong - TIC Health
SCIENCE	Ian McLaren HOD Kit Hustler - TIC Biology Melissa Beaumont - TIC Chemistry
SOCIAL SCIENCES	Graeme Ball HOD History/Foundation Social Sciences Des Humphries - TIC Geography Shane Latch - TIC Tourism Megan Peterson - TIC Classical Studies
TECHNOLOGY (Carpentry, Electronics, Food, Fashion, Hard Materials, Graphics, Digital & Creative Technologies)	Dennis Rive HOD Raewynne Sandison - TIC Food & Nutrition and Fashion, Early Childcare Education Jim McLellan - TIC Graphics & Hard Materials Fourie Jordan - TIC Digital & Creative Technology

## NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT

New Zealand's qualification for school learners is the National Certificate of Educational Achievement (NCEA). NCEA is a qualification on New Zealand's Qualifications Framework (NZQF). It sits alongside more than 800 other national qualifications used throughout tertiary education and industry training.

- NCEA is achievement based. National standards have been set in each area of learning. When students achieve these standards they earn credits towards their NCEA qualification.
- The NZQF contains two types of national standards: Achievement Standards and Unit Standards. Credits from all Achievement Standards and Unit Standards count towards NCEA.

### Achievement Standard (A/S)

Achievement Standards may be internally or externally assessed. External assessment is by NZQA (New Zealand Qualifications Authority) at the end of the school year. Internal assessment of Achievement Standards is done by subject teachers throughout the year. Some internal assessment occurs within school exams. Achievement Standards are assessed as follows: "Achieved", "Achieved with Merit", "Achieved with Excellence" or "Not Achieved".

### Unit Standards (U/S)

Unit Standards are all internally assessed and also earn credits on the National Qualifications Framework. Many unit standards are linked to tertiary or vocational industry-based courses. Unit Standards are assessed on the basis of meeting the required standard and therefore in general the result will be shown as "Achieved" or "Not Achieved".

- All internal assessments are moderated to ensure that the marking is accurate, consistent and fair.

## **Standards Alignment Project**

NCEA Level 1 standards have been aligned to Level 6 of the National Curriculum (NZC) and in 2011 Level 2 standards have been extensively reviewed. Many unit standards are being deregistered and all achievement standards will offer students the potential to achieve with merit and excellence.

This Standards Alignment Project means that there have been a number of significant changes to the assessments available in Level 2 courses in 2012. The project continues with Level 3 standards being revised in 2013. Each national standard must be registered with the Ministry of Education and New Zealand Qualifications Authority. Registration of the revised NCEA Level 2 standards is expected to be completed before the end of 2011.

The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.

## Literacy and Numeracy

The Ministry of Education and NZQA changed the literacy requirement for NCEA Level 1 from 8 credits to 10 credits and the numeracy requirement for NCEA Level 1 from 8 credits to 10 credits in 2011.

A wide range of achievement standards across subjects have been identified as eligible to meet the literacy or numeracy requirements. Previously, students could only achieve Level 1 literacy through English or Te Reo Maori standards and Level 1 numeracy through Mathematics standards. This means that a student's achievement in subjects other than English and Mathematics can now contribute to their achievement of Level 1 literacy and numeracy.

These national literacy and numeracy standards have been selected using the following definitions:

**Literacy** to meet the demands of the New Zealand Curriculum at Level 6. These standards provide the scope for students to demonstrate reading, writing, speaking and listening skills.

**Numeracy** to meet the demands of the New Zealand Curriculum at Level 6. These standards provide the scope for students to demonstrate number, measurement and statistical skills.

## Course Endorsement

Course endorsement provides recognition for students who perform exceptionally well in individual courses. From 2011 students were able to have their strengths in individual courses at level 1, 2 or 3 recognised with a course endorsement at Merit or Excellence. The key objective of course endorsement is to motivate students to achieve their potential in one or more courses.

Students will gain an endorsement for a course where, in any one year, they achieve:

1. 14 or more credits at Merit or Excellence at the lower level that supports the endorsement
2. At least 3 credits from externally assessed standards and 3 credits from internally assessed standards (NB: Physical Education and Level 3 Visual Arts are exempt from this requirement.)

## How do students complete a qualification?

There are three levels to NCEA qualifications.

- |                |   |
|----------------|---|
| <b>Level 1</b> | 80 credits from any level, including 10 literacy and 10 numeracy credits in a range of standards (see previous page).   |
| <b>Level 2</b> | 80 credits, with at least 60 credits from Level 2 or higher. (NB: There is no literacy or numeracy requirement for Level 2)   |
| <b>Level 3</b> | 80 credits, with at least 60 credits from Level 3 or higher.<br>NB: (1) Additional credits used to total 80 from below Level 3 must be from Level 2.<br>(2) There is no literacy or numeracy requirement for Level 3. |

## NCEA Results

Each January the New Zealand Qualifications Authority will issue senior students with a list of the standards achieved in each subject the previous year. This report will show:

- The student's grade achieved for each standard.
- How well the student did compared with all the other students across the country in each standard.

Candidates studying for NCEA are able to achieve qualifications with Merit or Excellence endorsements.

### NCEA Endorsement with Merit

For a certificate to be endorsed with Merit, 50 credits at Merit or Excellence will be required at the same level, or higher, on the New Zealand Qualifications Framework (NZQF) as the certificate being awarded.

### NCEA Endorsement with Excellence

For a certificate to be endorsed with Excellence, 50 credits at Excellence will be required at the same level, or higher, on the NZQF as the certificate being awarded.

NZQA will also provide each student with a Record of Achievement which summarises all of the standards, credits and qualifications gained to date. The Record of Achievement (ROA) can also be accessed by students via the internet ([www.nzqa.govt.nz](http://www.nzqa.govt.nz)).

## New Zealand Scholarship

Scholarship is not a qualification in itself but a competitive set of examinations for top academic students that is based on Level 3 content but stands outside the New Zealand Qualifications Framework. Scholarship is suitable for students who are able to analyse and synthesise material at an advanced level and requires significant additional work. It is intended to be taken across three subjects in Year 13. There is a financial incentive to achieve Scholarship, whether in individual subjects or across three subjects.

The awards are:

- Single Subject Award:  
for students who get Scholarship in up to two subjects, a 'one-off' award of \$500 per subject.
- Scholarship Award:  
for students who get three Scholarship subjects, \$2,000 each year for three years as long as students maintain a 'B' grade average in tertiary study.
- Top Subject Scholar Award:  
for students who are top in a Scholarship subject, \$2,000 each year for three years as long as students maintain a 'B' grade average in tertiary study.
- Outstanding Scholar Award:  
for the top 40-60 students who get a minimum of three Scholarships with at least two at 'Outstanding' level or more than three Scholarships with at least one at 'Outstanding' level, \$5,000 each year for three years as long as students maintain a 'B' grade average in tertiary study.
- Premier Award:  
for the very top 5 to 10 students who get at least three Scholarships at 'Outstanding' level, \$10,000 each year for three years as long as students maintain at least a 'B' grade average in tertiary study.

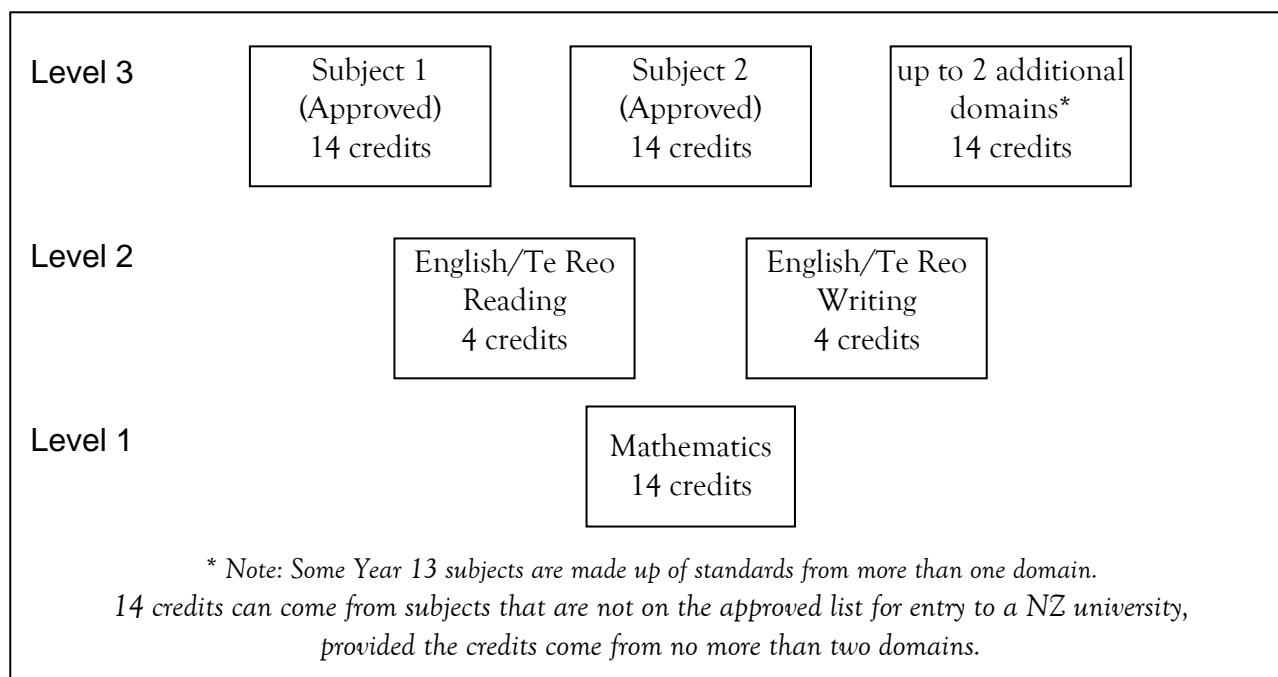
Students interested in entering Scholarship should discuss the idea with the HOD of each specific subject area. Previous examination papers are available on-line ([www.nzqa.govt.nz/qualifications-standards/awards/scholarship/scholarship-subjects](http://www.nzqa.govt.nz/qualifications-standards/awards/scholarship/scholarship-subjects)) to use as reference material. We would encourage high achieving Year 13 students and those who have been a part of the extension programme to seriously consider entering Scholarship in 2012.

All assessment for NZ Scholarship is external. Refer to: [www.nzqa.govt.nz](http://www.nzqa.govt.nz) for details.

## UNIVERSITY ENTRANCE

Students who want to study at university must ensure that the courses they select at school allow them to qualify for University Entrance and for entry into any restricted courses that they are interested in.

Currently to gain entrance to a university in New Zealand you need to have the following:



The university entrance literacy requirement of 8 credits in reading and writing has some flexibility. It would be possible to have gained literacy with:

- 3 credits at Level 2 in a writing standard
- plus* 3 credits at Level 2 in a reading/writing standard
- plus* 3 credits at Level 2 in a reading standard.

If you are unclear about this rule, you should discuss your specific case with your English teacher or with the Head of English. Refer to page 10 for a list of the Reading and Writing standards that can be counted towards literacy for University Entrance.

### *Important Notes:*

1. Most NZ universities will rank applicants for all undergraduate programmes. While meeting the requirements listed above will qualify a student for entrance to university, it does not necessarily give right of entry to specific courses. **To increase chances of entry to a chosen course, students should aim to achieve their best result in all assessments.**
2. The requirements for entrance to a NZ university are changing. These changes come into effect in 2014 for entry in 2015 and are as follows:
  - NCEA Level 3
  - 14 credits in each of 3 approved subjects (refer page 19 )
  - University entrance numeracy (10 credits at Level 1 or higher from specified standards)
  - University entrance literacy (10 credits: 5 in Reading and 5 in Writing)

### Approved subjects for University Entrance

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

*This list will be updated each year as subjects meet the criteria. Updates will be available on the NZQA website.*

### School Leaver Admission Requirements

Entry to many university courses is restricted to students who have a very good record of achievement. Some universities select these students from their own intermediate year courses.

Other universities (including Auckland, AUT, Massey, Victoria and Otago Universities) will use the quality of a student's achievement in NCEA Level 3 to determine entry into these restricted courses.

#### How to calculate an entry score for Auckland, AUT, Massey, Victoria and Otago Universities.

An entry score will be calculated using a student's 80 best credits in up to five approved subjects taken at Level 3 or above (including both achievement standards and unit standards).

No more than 24 credits in any subject can be used in the entry score calculation. Credits will be weighted according to the level of attainment.

If a student achieves fewer than 80 credits at Level 3 or above in up to five approved subjects, the entry score will be based on the credits achieved.

#### An entry score will be calculated by awarding points as follows:

- Excellence 4 points
- Merit 3 points
- Achieved 2 points

## An example of an entry score for an NCEA Level 3 student

Approved subject	Excellence credits	Merit credits	Achieved credits
<b>(best 24 credits per subject)</b>			
English	3	4	9
Physics	3	-	12
Biology	-	3	18
Chemistry	-	-	16
Statistics and Modelling	2	3	10
<b>Subtotals</b>	<b>8</b>	<b>10</b>	<b>65</b>
<b>Best 80 credits</b>	<b>8</b>	<b>10</b>	<b>62</b>
<b>Calculate points</b>	<b>32 points (8x4)</b>	<b>30 points (10x3)</b>	<b>124 points (62x2)</b>
<b>Entry Score: 186</b>			

Note: Excellence and Merit credits are counted first, then Achieved credits as required to a maximum of 80 credits. In this example, only 62 of the Achieved credits may be counted. Only 5 subjects are counted in the calculation.

Different degrees also require certain subjects as prerequisites. Information about these prerequisites is available from the Careers Room or the website of each university.

The example below is from the University of Auckland which uses a combination of Table A and Table B subjects.

Table A

Classical Studies  
English  
Geography  
History of Art  
History  
Te Reo Maori *or*  
Te Reo Rangatira

Table B

Accounting  
Biology  
Chemistry  
Economics  
Mathematics  
Physics

Example:

Degree	Requirements for Table A	Requirements for Table B	No. of points required
Bachelor of Commerce BCom	Minimum of 16 credits in each of three subjects from Table A and/or Table B		180
Bachelor of Nursing BNurs	Minimum 16 credits in 1 subject	Minimum 16 credits in 1 of Biology, Chemistry, Physics	210
Bachelor of Engineering BE(Hons)	-	Minimum 18 credits in each of Maths with Calculus and Physics	240

## SUBJECT RECOMMENDATIONS FOR CAREERS

**Note: This is a guide only.** Some tertiary institutions have compulsory subject requirements, while others do not. For specific entry information, consult institution websites or prospectus. All degrees require university entrance. Please check with the Careers Advisor if you are in any doubt.

ACCOUNTANCY	Degree Diploma	Year 13 Maths with Stats, Economics, Accounting Year 12 English, Maths, Accounting, Economics
ADVERTISING	Degree Diploma	Year 13 English, Media, Maths with Statistics, Accounting Year 12 Art, English
APPRENTICESHIP TRADES	Certificate	Level 1 English, Maths, Science Technology
ARCHITECTURE	Degree  Diploma (Draughting)	Year 13 Art (portfolio required), English, Physics, Calculus or Statistics Year 12 Maths, Art or Graphics
ARMED FORCES	Officers Trades	Year 12 and 13 good grades including Year 12 English Year 11 English, Maths, Science
AUTOMOTIVE ENGINEERING		Year 12 English, Maths, Technology, Science
BUILDING	Degree Certificate	Year 13 English, Maths, Technology Year 12 Carpentry, Maths, English
CHEF		English, Maths, Food and Nutrition, Hospitality
COMPUTING	Degree  Diploma	Year 13 Maths with Calculus and/or Statistics, English, Computing Year 12 Maths, English
DENTAL THERAPY	Technician Hygienist Assistant	Year 13 Maths, Art, Physics, Chemistry Year 12/13 English, Maths, Science Year 11 English, Science
DENTIST	Degree	Level 3 Maths, Science
DESIGN/ART PHOTOGRAPHY	Degree Diploma	Year 13 Art/Design/Photography, portfolio Year 12 Art/Design/Photography, English, portfolio
ELECTRICAL / ELECTRONICS	Degree Diploma Certificate	Year 13 Maths with Calculus, Physics Year 12 Maths, Physics, Electronics Year 11 English, Maths and Science esp. Physics
ENGINEERING	Degree	Year 13 Maths with Calculus, Physics, Chemistry and a language rich subject
FOOD SCIENCE BIO-TECHNOLOGY /DIETITIAN	Degree	Year 13 Maths with Statistics, Biology, Chemistry
FORESTRY	Degree	Year 13 Maths with Statistics, Chemistry, Biology
HAIRDRESSING	Apprenticeship	Year 11 English
HEALTH SCIENCES [Medicine, Dentistry, Bio-Medical Science, Pharmacy, Physiotherapy]	Degree  Diploma	Year 13 Maths with Statistics (or Calculus). Minimum of two of Chemistry, Physics, Biology plus one English rich subject. Year 12 Mathematics. Minimum two of Chemistry, Biology, Physics.
HEALTH SCIENCES [Nursing, Occupational Therapy]	Degree	Year 13 Minimum of one of the following: Biology, Chemistry, Physics, Science, Mathematics plus one English rich subject.

HORTICULTURE	Degree	Year 13 Maths with Statistics or Calculus, Biology, Chemistry, Horticulture
	Diploma	Year 12 English, Maths, Science, Horticulture
	Cadets	Year 11 English, Maths, Science
HOSPITALITY MANAGEMENT	Degree	Year 13 English, Languages
	Diploma	Year 12 English, Languages
JOURNALISM COMMUNICATIONS	Degree	Year 13 English, Language rich subjects
LAW	Degree	Year 13 English/Te Reo Maori, and other language rich subject
	Executive	Year 12 English
MARKETING	Degree	Year 13 English or language rich subject, Maths with Statistics, Accounting
	Diploma	Year 12 English, Maths, Accounting
MUSIC	Degree	Year 13 Music, English
OFFICE	Clerical, Receptionist, Secretarial	Year 11 and 12 English, Business Computing
OPTOMETRY	Degree	Year 13 Maths with Statistics or Calculus, Physics, Chemistry, Biology
PANEL-BEATING	Certificate	Year 11 English, Maths, Science, Technology
PERFORMING ARTS	Degree	Year 13 Drama, Language rich subjects
PLUMBING	Apprenticeship	Year 11 English, Maths, Science, Technology
POLICE		Good general level of education, including English and Maths
PRINTING	Apprenticeship	Year 11 English, Maths, Graphics
PROPERTY	Degree	Year 13 Mathematics, Language rich subjects
PSYCHOLOGY	Degree	Year 13 English, Sciences, Social Sciences, Maths with Statistics
QUANTITY SURVEYING	Degree	Year 13 Maths with Statistics or Calculus, Physics
RADIOGRAPHY	Degree	Year 13 English, Maths with Stats or Calc, Biology, Physics
SPORTS AND RECREATION	Degree	Year 13 English, PE, Biology
	Diploma	Year 12 English, PE, Biology
TEACHING	Nanny	Year 12 completion with English
	Childhood	Year 13 English
	Primary	Year 13 English
	Secondary	Year 13 depends on subjects student is wishing to teach
TRAVEL/TOURISM	Degree	Year 13 English, Maths with Statistics, Languages, Geography
	Diploma	Year 12 English, Maths, Languages, Geography
	Certificate	Year 12 English, Languages, Geography
VETERINARY SCIENCE	Degree	Year 13 Chemistry, Biology, Physics, Maths with Statistics

<b>COURSES AND CODES</b>
--------------------------

Please use the correct code when filling out your option sheet.

Accounting	ACC
Art	ART
Art Design	ARD
Art History	ARH
Biology	BIO
Business Computing	COM
Business Economics	ECO
Business Studies	BUS
Calculus	CAL
Carpentry	CPY
Chemistry	CHE
Classical Studies	CLA
Design & Print	DAP
Digital Creative Technology	DCT
Drama	DRA
Early Childcare Education	ECE
Economics	ECO
Electronics	ELE
English	ENG
English through Film	FLM
English Literature	LIT
English Literacy	ENL
ESOL	ELA ELL ELF
ESOL Economics	EEC
ESOL Science	ESC
Fashion Technology	FAS
Food Tec / Food & Nutrition	FOO
Foundation English	FEN
Foundation Science	FSC

Foundation Social Sciences	FSS
French	FRE
Geography	GEO
Hard Materials (Technology)	HMT
Health	HEA
Horticulture	HOR
Horticulture Skills	HSK
Japanese	JAP
Life Skills	SKL
Mathematics (core/Achievement Standards)	MTA
Mathematics (Unit Standards)	MTU
Mathematics towards Numeracy	MTN
Media Studies	MED
Media Production	MPR
Music	MUS
Painting	PAI
Photography	PHO
Physical Education	PED
Physics	PHY
Recreational Physical Education	RPE
Science	SCI
Social Studies	SST
Society & Culture	SOC
Spanish	SPA
Statistics	STA
Te Reo Maori	MAO
Tourism	TOU
Tutorial (assistance)	TUT
Web Design	WEB

***Additional Codes:***

***A/S Achievement Standard***

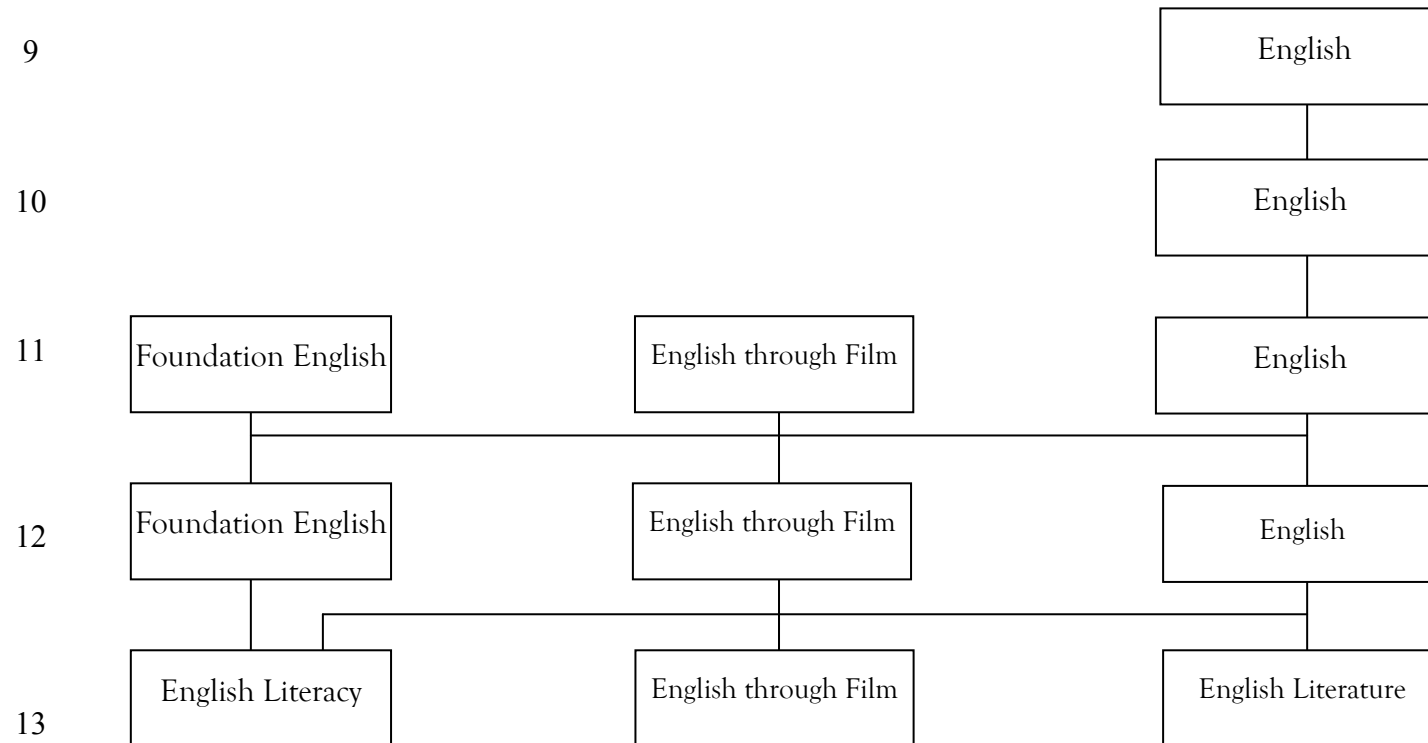
***U/S Unit Standard***

***NCEA National Certificate of Educational Achievement***

***NZQF NZ Qualifications Framework***

***NZC NZ Curriculum***

## ENGLISH



**Note:** 12 English and 12 English through Film include Level 2 literacy credits required for University Entrance.  
 12 Foundation English and 13 English Literacy include some Level 2 literacy credits but not enough to qualify for University Entrance in one year.

## Criteria for Advancement 2012

Subject	Level	Entry Requirements
11 English	1	Majority of Achieved or higher grades in Year 10 English.
11 English through Film	1	Year 10 English ( <i>refer to page 27</i> )
11 Foundation English	1	Year 10 English ( <i>refer to page 28</i> )
12 English	2	12 credits in L1 English including one external standard
12 English through Film	2	12 credits in Level 1 English
12 Foundation English	2	English at Year 11 with fewer than 12 credits gained.
<i>Note: some tertiary courses require a qualification in Level 3 English</i>		
13 English Literature	3	12 credits in Level 2 English (including 6 credits at Merit level or higher)
13 English Literacy		Completion of a Level 2 English course.
13 English through Film	3	AS 90381 plus US 12420 or 12905 and either AS 90375 or 90376. 12 credits in Level 2 English and university entrance literacy.

Entry into senior courses is based on the individual student's achievement in that, or related, subjects. It may be possible to waive an entry requirement in specific cases after consultation with the HOD and Dean of the level.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

**YEAR 10 ENGLISH****10ENG**

<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Reading a range of texts for close analysis and pleasure</li> <li>• Development of writing skills for a variety of purposes and audiences</li> <li>• Speaking and listening in small and large groups - in formal and informal situations</li> <li>• Response to and presentation of oral texts</li> <li>• Close reading and production of visual texts</li> </ul>
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• Response logs for writing, responding, exploring ideas and opinions</li> <li>• Practical performance and production activities</li> <li>• Research, processing and presenting of information</li> <li>• Analysis of written, oral and visual texts</li> <li>• Reading and writing in different genres</li> <li>• Discussion in small and large groups</li> </ul>
<b>Assessment:</b>	Standards based (N.Z. Curriculum levels 4-6)
<b>Equipment:</b>	Nil

YEAR 11 ENGLISH		11ENG												
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>10*</td> <td>0</td> </tr> <tr> <td>External</td> <td>8</td> <td>18*</td> </tr> </tbody> </table>	Credits available			L1	AS	US	Internal	10*	0	External	8	18*
Credits available														
L1	AS	US												
Internal	10*	0												
External	8	18*												
<b>Pre requisite:</b>	Majority of Achieved or higher grades in Year 10 English and on advice of Year 10 teacher. Students who are in the process of learning English are advised to take an ESOL programme (refer page 33)													
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Reading a range of written, visual and oral texts for pleasure and close analysis</li> <li>• Development of writing skills</li> <li>• Speaking and listening in small and large groups in informal and formal situations</li> </ul>													
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• Portfolio of writing in different genre</li> <li>• Response logs for recording ideas and opinions of reading individual texts and for making connections across texts.</li> <li>• Discussion in small or large groups</li> </ul>													
<b>Assessment:</b>	<p>Achievement Standards:</p> <p>90849 Show understanding of studied written texts [External, 4 credits, Literacy]</p> <p>90851 Show understanding of unfamiliar written texts through close reading [External, 4 credits, Literacy]</p> <p>90857 Construct and deliver an oral presentation [Internal, 3 credits, Literacy]</p> <p>90052/90053* Produce creative writing/Produce formal writing [Internal, 3 credits, Literacy]</p> <p>90852** Explain significant connections across a range of texts [Internal, 4 credits, Literacy]</p> <p>* A writing portfolio will be developed throughout the year with a range of tasks for different audiences, purposes, text types. Students will choose to work on a piece (creative or formal) to publication standard for their assessment. Motivated students could publish two pieces and be entered for both 90052 and 90053.</p> <p>** The presentation of work for this standard could be linked to 90857.</p>													
<b>Cost/Equipment:</b>	Nil													

YEAR 11 ENGLISH THROUGH FILM		11FLM		
<b>Qualification:</b>	NCEA Level 1 credits. This course has a focus on visual language and is for students who may struggle with aspects of English.	<b>Credits available</b>		
		<b>L1</b>	<b>AS</b>	<b>US</b>
<b>Pre-requisite:</b>	Combination of Developing and Achieved grades in Year 10 English and on advice of Year 10 teacher. Students who are in the process of learning English are advised to take an ESOL programme (refer page 33).	Internal	13	0
		External	4	17
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Reading a range of written, visual and oral texts for pleasure and close analysis</li> <li>• Development of writing skills</li> <li>• Speaking and listening in small and large groups in informal and formal situations</li> </ul>			
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• Portfolio of writing in different genre</li> <li>• Response logs for recording ideas and opinions of reading individual texts and for making connections across texts</li> <li>• Discussion in small or large groups</li> </ul>			
<b>Assessment:</b>	Achievement Standards: 90850 Show understanding of studied visual / oral texts [External, 4 credits, Literacy] 90855 Create a visual and verbal text [Internal, 3 credits, Literacy] 90856 Show understanding of visual and/or oral texts through close viewing and/or listening [Internal, 3 credits, Literacy] 90052/90053* Produce creative writing / Produce formal writing [Internal, 3 credits, Literacy] 90852 Explain significant connections across a range of texts [Internal, 4 credits] * <i>A writing portfolio will be developed throughout the year with a range of tasks for different audiences, purposes, text types. Students will choose to work on a piece (creative or formal) to publication standard for their assessment. Motivated students could publish two pieces and be entered for both 90052 and 90053.</i>			
<b>Cost/Equipment:</b>	Nil			

YEAR 11 FOUNDATION ENGLISH		11FEN		
<b>Qualification:</b>	NCEA Level 1 credits. This course has a focus on visual language and is for students who find English very challenging.	<b>Credits available</b>		
		<b>L1</b>	<b>AS</b>	<b>US</b>
<b>Pre-requisite:</b>	Combination of Beginning and Developing grades in Year 10 English and on advice of Year 10 teacher. Students who are in the process of learning English are advised to take an ESOL programme (refer page 33).	Internal	16	0
		External	0	16
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Reading a range of written, visual and oral texts for pleasure and close analysis</li> <li>• Development of writing skills</li> <li>• Speaking and listening in small and large groups in informal and formal situations</li> <li>• Presentation of visual texts</li> </ul>			
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• Portfolio of writing in different genre</li> <li>• Response logs for recording ideas and opinions of reading individual texts and for making connections across texts</li> <li>• Discussion in small or large groups</li> <li>• Production of visual texts</li> </ul>			
<b>Assessment:</b>	Achievement Standards: 90052/90053* Produce creative writing / Produce formal writing [Internal, 3 credits, Literacy] 90057 Construct and deliver an oral presentation [Internal, 3 credits, Literacy] 90855 Create a visual and verbal text [Internal, 3 credits, Literacy] 90852** Explain significant connections across a range of texts [Internal, 4 credits, Literacy] 90856 Show understanding of visual and/or oral texts through close viewing and/or listening [Internal, 3 credits, Literacy] * A writing portfolio will be developed throughout the year with a range of tasks for different audiences, purposes, text types. Students will choose to work on a piece (creative or formal) to publication standard for their assessment. ** The presentation of work for this standard could be linked to 90855			
<b>Cost/Equipment:</b>	Nil			

YEAR 12 ENGLISH		12ENG		
<b>Qualification:</b>	NCEA Level 2 credits. This course is strongly recommended for those students who intend to study English at Level 3 or humanity subjects at university level. The course builds on the skills from 11 English and develops a wide range of analytical reading, writing and thinking skills.	<b>Credits available</b>		
		<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Pre requisite:</b>	12 credits in Level 1 English including one external standard.	Internal	13	0
		External	8	21
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Reading a range of texts for discussion, analysis and pleasure</li> <li>• Development of creative and formal writing skills</li> <li>• Speaking in small and large groups to share ideas and responses</li> <li>• Analysis and presentation of dramatic texts</li> <li>• Viewing of film and analysis.</li> </ul>			
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• Production of visual work</li> <li>• Response log for recording ideas and thoughts related to course material, including books read</li> <li>• Practical performance</li> <li>• Research and reports</li> <li>• Personal and formal writing</li> <li>• Small group and class discussion</li> </ul>			
<b>Assessment:</b>	Achievement Standards 2.1 Analyse specified aspect(s) of studied written text(s), supported by evidence [External, 4 credits] 2.3 Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence [External, 4 credits] 2.4 Produce a selection of crafted and controlled writing [Internal, 6 credits] 2.5 Construct and deliver a crafted and controlled oral text [Internal, 3 credits] 2.7 Analyse significant connections across texts, supported by evidence [Internal, 4 credits]			
<b>Cost/Equipment:</b>	Nil			

YEAR 12 ENGLISH THROUGH FILM		12FLM														
<b>Qualification:</b>	NCEA Level 2 credits. This course builds on the skills from 11 English through Film and provides the opportunity to gain literacy for university entrance.	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>13</td> <td>0</td> </tr> <tr> <td>External</td> <td>4</td> <td rowspan="2">17</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	13	0	External	4	17
Credits available																
L2	AS	US														
Internal	13	0														
External	4	17														
<b>Pre requisite:</b>	12 credits in Level 1 English															
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Reading a novel and film for discussion and analysis</li> <li>• Reading a range of self-selected texts for pleasure</li> <li>• A film genre study</li> <li>• Development of formal writing skills</li> <li>• Speaking informally in groups</li> </ul> Texts may include: Novel – <i>Ender’s Game</i> by Orson Scott Card, <i>The Cather in the Rye</i> by JD Salinger Film – <i>Alien</i> , <i>Jarhead</i> , <i>Carlito’s Way</i> , <i>Mystic River</i> Genre – Horror, action, animation, humour, crime or science fiction															
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• Response log for recording ideas and thoughts related to course material, including books read</li> <li>• Research and reports</li> <li>• creative and formal writing</li> <li>• Small group and class discussion</li> </ul>															
<b>Assessment:</b>	Achievement Standards: 2.2 Analyse specified aspect(s) of studied visual or oral text(s) supported by evidence [External, 4 credits] 2.4 Produce a selection of crafted and controlled writing [Internal, 6 credits] 2.7 Analyse significant connections across texts, supported by evidence [Internal, 4 credits] 2.10 Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence [Internal, 3 credits]															
<b>Cost/Equipment:</b>	Nil															

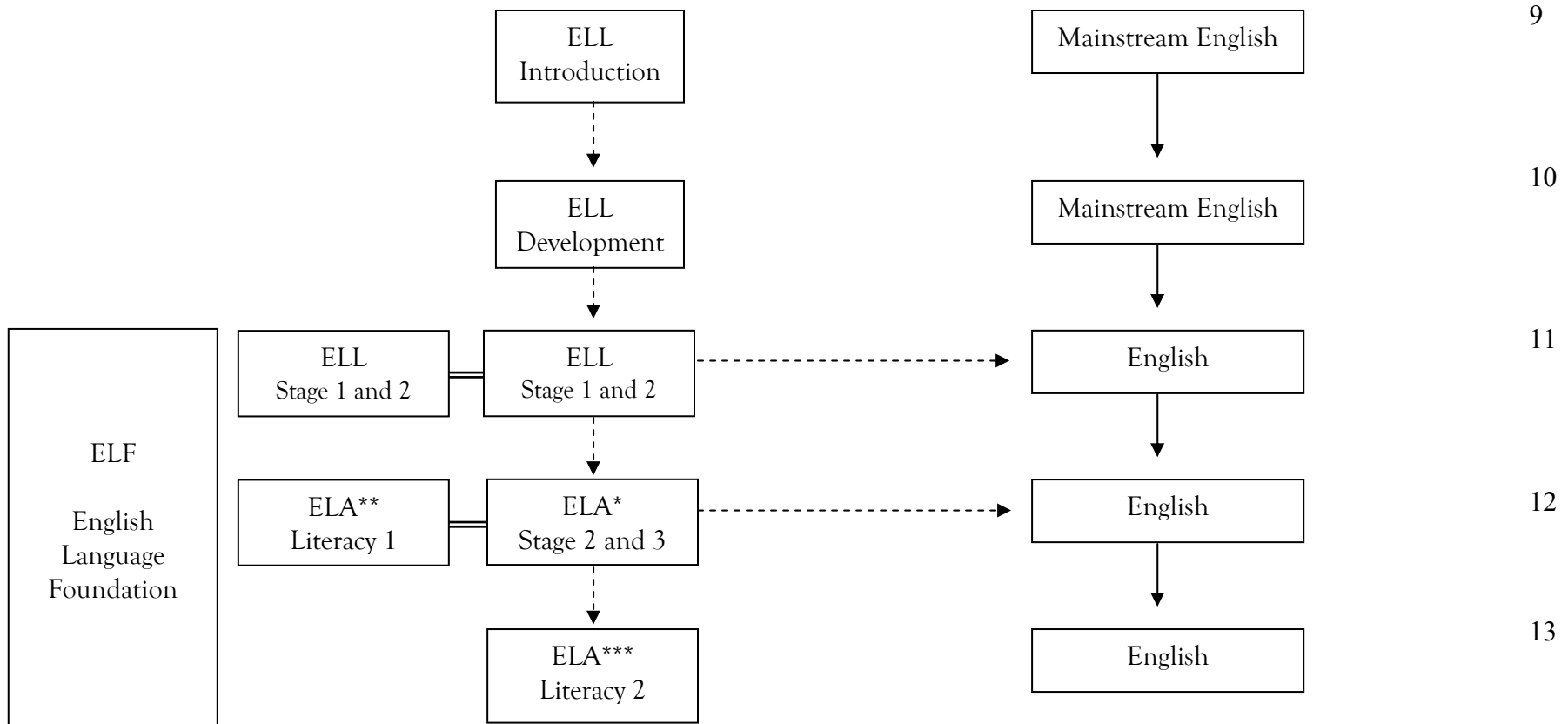
YEAR 12 FOUNDATION ENGLISH		12FEN		
<b>Qualification:</b>	NCEA Level 1 and 2 credits.	<b>Credits available</b>		
	This course is intended to suit students who want to concentrate on improving confidence and the basic English skills of oral, written and visual communication in preparation for employment or a range of courses. This course will offer some literacy credits, but will not offer sufficient credits for the literacy requirement for University Entrance.	L1/2	AS	US
<b>Pre-requisite:</b>	An English course at Year 11. Suitable for students who gained fewer than 12 credits in English at Level 1.	Internal	12	10
		External	0	12
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Close reading of film</li> <li>• Oral and written communication of opinions, ideas and information</li> <li>• Improving technical aspects of written English</li> </ul>			
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• Small group and large group discussion</li> <li>• Seminars</li> <li>• Reading and writing</li> </ul>			
<b>Assessment:</b>	Achievement Standards 90053 Produce Formal Writing [Internal, 3 credits] 2.5 Construct and deliver a crafted and controlled oral text [Internal, 3 credits] 2.6 Create a crafted and controlled visual text [Internal, 3 credits] 2.10 Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence [Internal, 3 credits]			
<b>Cost/Equipment:</b>	Nil			

YEAR 13 ENGLISH LITERATURE		13LIT														
<b>Qualification:</b>	Level 3 NCEA credits.	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>12</td> <td>0</td> </tr> <tr> <td>External</td> <td>12</td> <td>24</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	12	0	External	12	24
	Credits available															
L3	AS	US														
Internal	12	0														
External	12	24														
	This course of study is strongly advised for students wishing to study humanity subjects at university level. Note: some tertiary courses require a qualification in Level 3 English.															
<b>Pre requisite:</b>	12 credits in English Level 2 including 6 credits at Merit level or higher.															
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Analysis of language in context of prose and poetry</li> <li>• Development of creative and formal writing skills</li> <li>• Development of oral presentation skills</li> <li>• Close reading of a range of texts such as fiction, film, poetry</li> </ul>															
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• In class discussion</li> <li>• Oral and written analysis</li> <li>• Essay writing</li> <li>• Seminars</li> <li>• Research</li> <li>• Wide reading of texts</li> <li>• Formal speaking</li> </ul>															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90720 Produce an extended piece of writing in a selected style [Internal, 4 credits]</p> <p>90721 Respond critically to written text(s) studied [External, 3 credits]</p> <p>90722 Respond critically to Shakespearean drama studied [External, 3 credits]</p> <p>90723 Respond critically to oral or visual text studied [External, 3 credits]</p> <p>90724 Read and respond critically to unfamiliar prose and poetry texts [External, 3 credits]</p> <p>90725 Construct and deliver an oral presentation [Internal, 4 credits]</p> <p>90726 Complete independent research on a language or literature topic and present findings in written form [Internal, 4 credits]</p>															
<b>Cost/Equipment:</b>	Nil															

<b>YEAR 13 ENGLISH LITERACY</b>		<b>13ENL</b>		
<b>Qualification:</b>	NCEA Level 2 credits.	<b>Credits available</b>		
	This course is for students who have not gained Level 2 literacy through their Level 2 English course and wish to complete this.	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Pre-requisite:</b>	Completion of a Level 2 English course.	Internal	8	0
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Developing reading skills</li> <li>• Improving technical aspects of written expression</li> <li>• Improving communication through language</li> </ul>	External	0	8*
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• Small group and large group discussion</li> <li>• Reading and writing</li> <li>• Moving to independent work</li> </ul>			
<b>Assessment:</b>	8 credits as required to complete university entrance literacy with further available at HOD discretion once these are complete.			
<b>Cost/Equipment:</b>	Nil			

YEAR 13 ENGLISH THROUGH FILM		13FLM		
<b>Qualification:</b>	Level 3 NCEA credits. This course is designed for those students who have had some success in English Level 2. These students might want to continue studying English at Year 13, but would find the external elements of the Year 13 Literature currently offered too challenging. This course will not be easier than the English Literature course offered at Year 13, however it will be of high interest and mostly internally assessed. As the course is mostly internal, the course work will be demanding. The nature of the course is designed to allow the teacher to meet the needs of individual students.	<b>Credits available</b>		
		<b>L3</b>	<b>AS</b>	<b>US</b>
		Internal	12	6
		External	0	18*
<b>Pre requisite:</b>	AS 90381 plus US 12420 or US 12905 and either one of AS 90375 or AS 90376. At least 12 credits at Level 2 English plus university entrance literacy.			
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• A genre study, such as graphic novels</li> <li>• A study of film techniques and effects</li> <li>• The close reading of static images</li> <li>• Writing</li> <li>• Research</li> <li>• Seminar presentation</li> </ul>			
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• Practical performance</li> <li>• Research and report writing</li> <li>• Extended writing</li> <li>• Small group and class discussion</li> </ul>			
<b>Assessment:</b>	Achievement and Unit Standards 90720 Produce an extended piece of writing in a selected style [Internal, 4 credits] 90725 Construct and deliver an oral presentation [Internal, 4 credits] 90726 Complete independent research on a language or literature topic and present conclusions in writing [Internal, 4 credits] 12431 Read closely and evaluate the effectiveness of moving images [Internal, 3 credits] 12432 Read closely and evaluate the effectiveness of static images [Internal, 3 credits] * The following standard may be available at the discretion of the Teacher in Charge 90723* Respond critically to oral or visual text studied [External, 3 credits]			
<b>Cost/Equipment:</b>	Nil			

## ESOL – English for Speakers of Other Languages



*Note:* ELF will take three option lines  
 ELL Stage 1 and 2 will take two option lines  
 ELA Stage 2 and 3 and ELA Literacy 1 are co-requisites and together take two option lines

\* This course offers Level 3 ESOL credits and Level 1 English literacy credits.  
 \*\* Credits in this course count towards Level 1 literacy.  
 \*\*\* Level 2 literacy credits needed for University Entrance are included in this course.

ESOL levels are linked to language learning outcomes set out in *English Language Learning Progressions*, a Ministry of Education resource.

Overview of language learning outcomes linked to English Language Learning Progressions (ELLP) stages:				
Stage	Oral language		Reading	Writing
	Listening	Speaking		
Foundation	identifies related words from short simple explanations	uses single words, formulaic phrases, or incomplete sentences to ask and answer questions	joins in shared reading of familiar explanations and completes simple related activities	writes and illustrates simple explanations based on modelled and/or jointly constructed texts
Stage 1	follows spoken explanations on familiar topics	provides simple explanations on familiar topics	reads and retells explanations on familiar topics, using pictures or first language	writes simple explanations on familiar topics
Stage 2	identifies relationships between key information and supporting detail from spoken explanations	elaborates on explanations of familiar topics	identifies and organises main ideas and supporting details in explanations	plans and writes explanations on familiar topics
Stage 3	extracts main and supporting information from extended and complete explanations	presents sustained and cohesive explanations	identifies casual and sequential factors in different explanation texts	writes extended explanations showing sequential or casual relationship on a range of topics

## Criteria for Advancement 2012

Subject	Entry Requirements
ELF English Language Foundation	None
ELL Stage 1 and 2	None. This course is for students who are at Stage 1-2 of the English Language Learning Progressions.
ELA Literacy 1	Achievement in 11ELL, English Language Learning Progressions Stage 2 or at the discretion of the HOD
ELA Stage 2 and 3	Achievement in 11ELL, English Language Learning Progressions Stage 2 or at the discretion of the HOD
ELA Literacy 2	Successful completion of 12ELA course, achievement in English Language Learning Progressions Stage 2 or at the discretion of the HOD

Entry into senior courses is based on the individual student's achievement.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

YEAR 10 ELL Development	10ELL
<b>Main area of study:</b>	Students will study units of work focusing on the skills of writing, reading, speaking and listening in order to develop their English language and assist with work in other curriculum areas. Grammar and vocabulary will be taught in every unit.
<b>Learning strategies:</b>	A variety of listening, speaking, reading and writing activities.
<b>Assessment:</b>	Each unit of work will be assessed.
<b>Equipment:</b>	Textbook \$40.00 (approximately)

ELL Stage 1 and 2	ELL Stage 1-2
<b>Qualification:</b>	NCEA Level 1, 2 and 3 credits. This course is an introduction to NCEA Level 1 English literacy credits.
<b>Pre-requisite:</b>	None. This course is for students who are at Stage 1-2 of the English Language Learning Progressions (ELLP).
<b>Main Area of Study:</b>	Development of English language skills to help with other curriculum areas.
<b>Learning Strategies:</b>	A mixture of individual, pair and group work - some teacher directed, some independent - covering grammar, vocabulary, speaking, listening, reading and writing.
<b>Assessment:</b>	Unit Standards: <i>Option Line 1</i> 2986 Read information texts [Level 2, Internal, 4 credits] 2969 Read simple recounts [Level 2, Internal, 4 credits] 17361 Read recounts [Level 3, Internal, 4 credits] 17368 Write simple information texts [Level 2, Internal, 4 credits] 17144 Write information texts [Level 3, Internal, 5 credits] 17372 Write recounts [Level 3, Internal, 4 credits] <i>Option Line 2</i> 1287 Talk about self in a formal interview [Level 2, Internal, 4 credits] 15007 Understand spoken information [Level 2, Internal, 4 credits] 17371 Write formal letters [Level 3, Internal, 5 credits]
<b>Cost/Equipment:</b>	Course Books \$60.00 (approximately)

Credits available		
L1/2/3	AS	US
Internal	3	18
External	0	18

Credits available		
L2/3	AS	US
Internal	0	13
External	0	13

Please note: This course is 10 hours/cycle and therefore takes two option lines on the timetable.

ELA Literacy 1		ELA 1														
<b>Qualification:</b>	Credits towards NCEA Level 1 literacy.	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1/3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>10</td> <td>5</td> </tr> <tr> <td>External</td> <td>0</td> <td>15</td> </tr> </tbody> </table>			Credits available			L1/3	AS	US	Internal	10	5	External	0	15
Credits available																
L1/3	AS	US														
Internal	10	5														
External	0	15														
<b>Pre-requisite:</b>	Achievement in 11ELL, ELLP Stage 2 or at the discretion of the HOD.															
<b>Main Area of Study:</b>	Further development of writing and reading skills in order for students to achieve Level 1 English literacy credits.															
<b>Learning Strategies:</b>	Individual, pair and group work, both teacher-directed and independent.															
<b>Assessment:</b>	Unit Standards (ESOL Level 3): 17370 Write persuasive texts [Internal, 5 credits] Achievement Standards (English Level 1): 90052 Produce creative writing [Level 1, Internal, 3 credits] 90855 Create a visual and verbal text [Level 1, Internal, 3 credits] 90852 Explain significant connections across a range of texts [Level 1, Internal, 4 credits]															
<b>Cost/Equipment:</b>	Course book \$40 (approximately)															

Please Note: ELA Literacy 1 and ELA Stage 2 and 3 are co-requisites taking 10 hours/cycle and together take two option lines.

ELA Stage 2 and 3		ELA Stage 2-3														
<b>Qualification:</b>	NCEA English Level 1 literacy credits and NCEA ESOL Level 3 credits. NB: This course does not offer literacy credits for university entrance.	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1/3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>3</td> <td>13</td> </tr> <tr> <td>External</td> <td>0</td> <td>16</td> </tr> </tbody> </table>			Credits available			L1/3	AS	US	Internal	3	13	External	0	16
Credits available																
L1/3	AS	US														
Internal	3	13														
External	0	16														
<b>Pre-requisite:</b>	Achievement in 11ELL, ELLP Stage 2 or at the discretion of the HOD.															
<b>Main Area of Study:</b>	Development of academic English language skills.															
<b>Learning Strategies:</b>	A mixture of individual, pair and group work - some teacher directed, some independent - covering grammar, vocabulary, speaking, listening, reading and writing.															
<b>Assessment:</b>	Unit Standards (ESOL Level 3): 17363 Read information texts [Level 3, Internal, 4 credits] 17144 Write information texts [Level 3, Internal, 5 credits] 15009 Understand spoken information [Level 3, Internal, 4 credits] Achievement Standards (English Level 1) 90053 Produce formal writing [Level 1, Internal, 3 credits]															
<b>Cost/Equipment:</b>	Course Books \$50.00 (approximately)															

ELA Literacy 2		ELA 2		
<b>Qualification:</b>	NCEA Level 2 and 3 credits.	<b>Credits available</b>		
	This course offers literacy credits for entrance to a NZ university.	L2/3	AS	US
		Internal	10	4
<b>Pre-requisite:</b>	Successful completion of 12ELA course, achievement in ELLP Stage 2 or at the discretion of the HOD	External	0	14
<b>Main Area of Study:</b>	Academic reading, listening, speaking and writing at Stage 3+ level of English.			
<b>Learning Strategies:</b>	Individual, pair and group work, both teacher directed and independent.			
<b>Assessment:</b>	Achievement Standards (English Level 2):			
	2.4 Produce a selection of crafted and controlled writing [Level 2, Internal, 6 credits]			
	2.7* Analyse significant connections across texts, supported by evidence [Level 2, Internal, 4 credits] or			
	2.9* Form developed personal response to independently read texts [Level 2, Internal, 4 credits]			
	Unit Standard (ESOL Level 3) 17359 Understand spoken information in different contexts [Level 3, Internal, 4 credits]			

ENGLISH LANGUAGE FOUNDATION		ELF		
<b>Qualification:</b>	Students in this course take three option lines of English Language Foundation.	<b>Credits available</b>		
	NCEA Level 1 and 2 credits, across 3 option lines.	L1/2	AS	US
		Internal	0	35
<b>Pre-requisite:</b>	None.	External	0	35*
<b>Main Area of Study:</b>	Development of English language skills.			
<b>Learning Strategies:</b>	A mixture of individual, pair and group work – some teacher directed, some independent, covering grammar, vocabulary, speaking, listening, reading and writing.			
<b>Assessment:</b>	Students will be offered a selection from the following Unit Standards (ESOL Levels 1 and 2)			
	2968 Read simple recounts of life experiences [L1, Internal, 4 credits]			
	2985 Read simple information texts [L1, Internal, 4 credits]			
	2986 Read information texts in familiar contexts [L2, Internal, 4 credits]			
	1289 Participate in conversations [L1, Internal, 3 credits]			
	15007 Understand spoken information [L2, Internal, 3 credits]			
	17139 Write simple descriptions [L1, Internal, 4 credits]			
	17366 Write simple recounts of personal experiences [L1, Internal, 3 credits]			
17368 Write simple information texts [L2, Internal, 4 credits]				
3477 Write recounts on familiar topics [L2, Internal, 4 credits]				
3482 Complete simple forms [L1, Internal, 2 credits]				

# MEDIA

9

10

11

12

13

Media Studies

Media Studies

Media Studies

Media Studies

Media Production

Media Production

## Criteria for Advancement 2012

Subject	Level	Entry Requirements
Media Studies	1	Merit or higher in Year 10 Media Studies close reading test and/or exam or with HOD approval; Merit or higher in Year 10 English formal writing
Media Studies	2	<i>Either:</i> 12 credits in NCEA Media Level 1 including Merit or higher in 90060 <i>or</i> 12 credits in NCEA English Level 1 including 90057 and 90053. Priority will be given to students who complete Year 11 Media Studies.
Media Production	2	Approval of HOD and Dean
Media Studies	3	12 credits in NCEA Media Level 2 including 2 Merit grades from 90276, 90277, 90279, 90280. Priority will be given to students who complete Year 12 Media Studies. Students who have not taken Media Studies previously will need to have HOD approval. To be considered for entry 12 credits in NCEA English Level 2 including 2 Merit grades from 90376, 90379, 90380 or 90381 is the recommended requirement.
Media Production	3	Approval of HOD and Dean

Entry into senior courses is based on the individual student's achievement in that, or related, subjects. It may be possible to waive an entry requirement in specific cases after consultation with the HOD and Dean of the level.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

YEAR 10 MEDIA STUDIES		10MED
<b>Main area of study:</b>	This course is designed as an introduction to the key concepts of media studies, including understanding the society media texts are made in and the implications for society. Students apply this understanding to a range of practical productions.	
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• Analysis of a wide range of media text (including film, internet, television, magazine)</li> <li>• Research</li> <li>• Close reading</li> <li>• Practical production of a range of media</li> <li>• Digitally recording responses to texts</li> <li>• Cooperative learning activities</li> </ul>	
<b>Assessment:</b>	Standards based	
<b>Cost/ Equipment:</b>	\$15 for blank media	

YEAR 11 MEDIA STUDIES		11MED												
<b>Qualification:</b>	NCEA Level 1 credits													
<b>Pre requisite:</b>	Students taking this course will have a strong interest in the media and have achieved Merit or higher in Year 10 Media Studies close reading test and/or exam or Merit or higher in Year 10 English formal writing. Priority will be given to students who completed Year 10 Media Studies.	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>15</td> <td>0</td> </tr> <tr> <td>External</td> <td>4</td> <td>19</td> </tr> </tbody> </table>	Credits available			L1	AS	US	Internal	15	0	External	4	19
Credits available														
L1	AS	US												
Internal	15	0												
External	4	19												
<b>Main area of study:</b>	This course, focusing on visual media (film, television and the internet) is aimed at developing an understanding and confidence with key concepts and at introducing critical literacy. Central to the course is the understanding of how the media constructs meaning and how audiences interpret it. Students will develop skills and confidence using the studio facilities in the creation of a group media product.													
<b>Learning strategies:</b>	Research, close reading and analysis of media texts, production of media texts, formal writing and co-operative learning activities.													
<b>Assessment:</b>	Achievement Standards: 90989 Demonstrate understanding of how individuals interact with the media [Internal, 3 credits, Literacy] 90990 Demonstrate understanding of selected elements of media texts [Internal, 3 credits, Literacy] 90991 Demonstrate understanding of the media coverage of a current issue or event [External, 4 credits, Literacy] 90993 Produce a design and plan for a media product using a specified range of conventions [Internal, 3 credits] 90994 Complete a media product using a specified range of conventions, from a design and plan [Internal, 6 credits]													
<b>Cost/Equipment:</b>	\$15 for blank media													

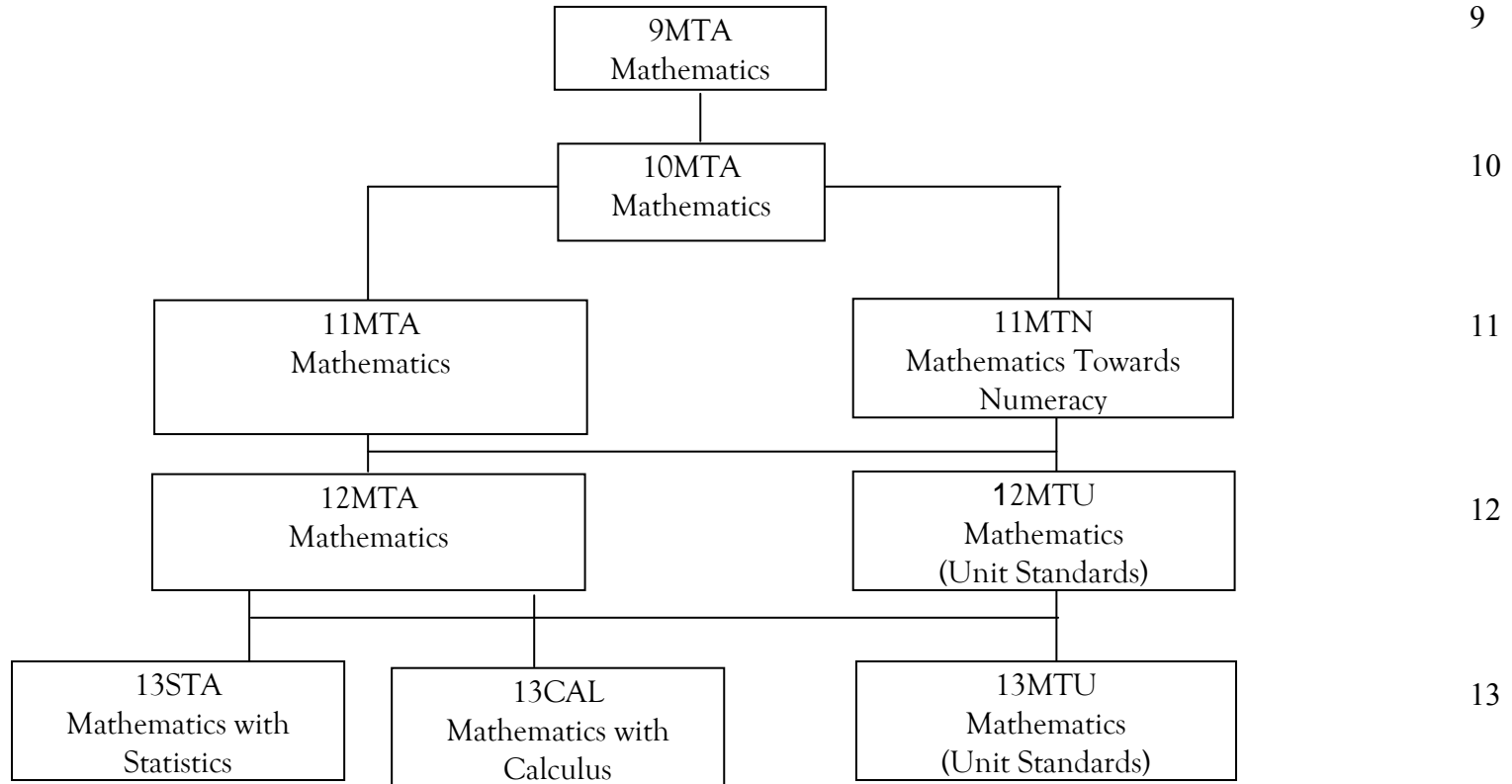
YEAR 12 MEDIA STUDIES		12MED															
<b>Qualification:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>13</td> <td>0</td> </tr> <tr> <td>External</td> <td>7</td> <td colspan="2">20</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	13	0	External	7	20	
Credits available																	
L2	AS				US												
Internal	13	0															
External	7	20															
<b>Pre requisite:</b>	<p><i>Either:</i> 12 credits in L1 Media including Merit or higher in 90060 <i>or</i> 12 credits in L1 English including 90057 and 90053.</p> <p>Priority will be given to students who completed Year 11 Media Studies.</p>																
<b>Main area of study:</b>	<p>This course, focusing on visual media (film, television, the internet) is aimed at developing critical literacy. Central to the course is working collaboratively towards an understanding of the function and power of the media, with an emphasis on how the media construct meaning and how audiences interpret it. Media production, using the school's production studio facilities, is an important part of the course and students will have opportunities to screen their work publicly.</p>																
<b>Learning strategies:</b>	Research, close reading exercises, video production, guest speakers.																
<b>Assessment:</b>	<p>Achievement Standards</p> <p>2.1 Demonstrate an understanding of the relationship between a media product and its audience [External, 3 credits]</p> <p>2.3 Demonstrate understanding of representation in the media [Internal, 3 credits]</p> <p>2.4 Demonstrate understanding of an aspect of a media genre [External, 4 credits]</p> <p>2.5 Produce a design and plan for a developed media, using a range of conventions [Internal, 4 credits]</p> <p>2.6 Complete a developed media product from a design and plan, using a range of conventions [Internal, 6 credits]</p>																
<b>Cost/Equipment:</b>	\$15 for blank media																

YEAR 12 MEDIA PRODUCTION		12MPR		
<b>Qualification:</b>	<p>NCEA Level 2 credits.</p> <p>This is a very practical one year course with students gaining experience in foundation level media production skills. Students need to have some aptitude for handling equipment as well as flair, creativity and an eye for composition. Although students must use others for their productions, some assessments are individual rather than group based. High equipment requirements means that numbers are limited.</p>	<b>Credits available</b>		
		L2	AS	US
		Internal	17	0
		External	0	17
<b>Pre requisite:</b>	Entry is by approval of the Dean & HOD.			
<b>Main area of study:</b>	Camera skills, sound operation for field, basic lighting for video, planning and storyboarding video through to post production editing including the adding of sound and digital effects. Editing is computer based.			
<b>Learning strategies:</b>	Practical activities including computer editing.			
<b>Assessment:</b>	<p>Achievement Standards:</p> <p>2.2 Demonstrate understanding of narrative in media texts [Internal, 4 credits]</p> <p>2.5 Produce a design and plan for a developed media product, using a range of conventions [Internal, 4 credits]</p> <p>2.6 Complete a developed media product from a design and plan, using a range of conventions [Internal, 6 credits]</p> <p>2.8 Write a developed media text for a specific target audience [Internal, 3 credits]</p>			
<b>Cost/Equipment:</b>	\$15 Blank media for personal copies 8GB storage device (approx cost \$50)			

YEAR 13 MEDIA STUDIES		13MED														
<b>Qualification:</b>	NCEA Level 3 credits.	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>12</td> <td>0</td> </tr> <tr> <td>External</td> <td>8</td> <td>20*</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	12	0	External	8	20*
Credits available																
L3	AS				US											
Internal	12	0														
External	8	20*														
	This course is recommended for those students considering studying media communications at tertiary level.															
<b>Pre requisite:</b>	12 credits in Level 2 Media Studies, including 2 Merit grades from 90276, 90277, 90278, 90280. Priority will be given to students who complete Year 12 Media Studies.															
	Students who have not taken Media Studies previously will need to have HOD approval. To be considered for entry 12 credits in Level 2 English, including 2 Merit grades from 90376, 90379, 90380 or 90381 is the recommended requirement.															
<b>Main area of study:</b>	This course further develops skills in critical literacy. This course will concern itself with the study of a genre, industry and will involve theoretical and practical work which will lead to the production of a group film. While there is practical work in this course, much of the work is theoretical and therefore English skills are essential.															
<b>Learning strategies:</b>	<ul style="list-style-type: none"> <li>• Research</li> <li>• Close reading of film</li> <li>• Video production</li> <li>• Field trips</li> <li>• Formal writing including essay writing</li> <li>• Discussion and analysis of texts</li> <li>• Seminars</li> </ul>															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90599 Demonstrate understanding of a specific media industry [External, 4 credits]</p> <p>90600* Explain how meaning is created in media texts [Internal, 4 credits]</p> <p>90602 Explain the relationship between a media genre and society [External, 4 credits]</p> <p>90604 Complete and justify a concept and treatment for a media product [Internal, 2 credits]</p> <p>90606 Create a media product using appropriate media technology [Internal, 6 credits]</p> <p>90779 Investigate an aspect of media and explain its significance for New Zealand [Internal, 4 credits]</p> <p><i>*Optional – recommended for Scholarship students</i></p>															
<b>Cost/Equipment:</b>	<p>\$15 for blank media</p> <p>*8GB storage device recommended (approx cost \$50)</p>															

YEAR 13 MEDIA PRODUCTION		13MPR														
<b>Qualification:</b>	NCEA Level 3 credits.	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>8</td> <td>15</td> </tr> <tr> <td>External</td> <td>0</td> <td>23</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	8	15	External	0	23
	Credits available															
	L3	AS	US													
	Internal	8	15													
External	0	23														
This course concentrates on the practical elements of Media Production. It aims to build on the skills gained in Year 12 Video Production.																
Students need to have some aptitude for handling equipment as well as flair, creativity and an eye for composition. Although students must use others for their productions, some assessments are individual rather than group based. High equipment requirements means that numbers are limited.																
<b>Pre requisite:</b>	Entry is by approval of the Dean and HOD.															
<b>Main area of study:</b>	Camera skills, sound operation for studio and field, basic lighting for video, interview techniques, planning and storyboarding video through to post production editing including the adding of sound and digital effects. Most editing is computer based.															
<b>Learning strategies:</b>	Practical activities including computer editing.															
<b>Assessment:</b>	Credits are gained from two domain areas – Media Studies and Film & Television															
	Achievement Standards:															
	90604 Complete and justify a concept and treatment for a media product [Internal, 2 credits]															
	90606 Create a media product using appropriate media technology [Internal, 6 credits]															
	Unit Standard:															
	10318 Make a short video [Internal, 15 credits]															
<b>Cost/Equipment:</b>	\$15 Blank media for personal copies 8GB storage device (approx cost \$50)															

## MATHEMATICS



## Criteria for Advancement 2012

Subject	Level	Entry Requirements
Mathematics	1	Majority of achieved grades (or better) in Year 10 Mathematics.
Mathematics Towards Numeracy	1	Year 10 Mathematics
Mathematics	2	Merit or higher in AS91027 (Algebra MCAT) plus Achieved or higher in AS91028 (tables, equations and graphs) plus one other external Level 1 Mathematics standard
Mathematics (Unit Standards)	2	10 Level 1 credits in Mathematics
Mathematics (Unit Standards)	3	10 Level 2 credits in Mathematics
Maths with Statistics	3	90284 (Algebra L2), 90285 (Graphics L2), 90287 (Coordinate Geometry L2) & 90289 (Probability L2)
Maths with Calculus	3	90286 (Calculus L2), 90285 (Graphs L2), 90292 (Trigonometry L2) and merit or higher in 90284 (Algebra L2)

Entry into senior courses is based on the individual student's achievement in that, or related, subjects. It may be possible to waive an entry requirement in specific cases after consultation with the HOD and the Dean of the level.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

YEAR 10 MATHEMATICS		10MTA		
<b>Qualification:</b>	NCEA Level 1 credits	<b>Credits available</b>		
<b>Main area of study:</b>	Topics studied include Number, Geometry, Measurement, Algebra and Statistics.	<b>L1</b>	<b>AS</b>	<b>US</b>
<b>Learning strategies:</b>	Practical activities and written work	Internal	2	0
<b>Assessment:</b>	Topic tests, exam and Achievement Standard; 1.9 Apply transformation geometry in solving problems [Internal, 2 credits]	External	0	2
<b>Equipment:</b>	Scientific calculator, protractor, compass, ruler, eraser, pens, pencils			
<b>Cost:</b>	\$35 Resources  <i>Note:</i> Students entering the National Bank and Westpac Mathematics Competitions are required to pay \$8 and \$7 respectively. Students in 10MTA1 will be entered in the Westpac Mathematics competition automatically. Entry to the National Bank competition will be offered to selected students requiring extension.			

YEAR 11 MATHEMATICS		11MTA		
<b>Qualification:</b>	NCEA Level 1	<b>Credits available</b>		
<b>Pre requisite:</b>	Majority of achieved grades (or better) in Year 10 Mathematics. There will also be a provisional entry test given to students who have not met this criteria	<b>L1/2</b>	<b>AS</b>	<b>US</b>
<b>Learning strategies:</b>	Written and practical exercises	Internal	4	0
<b>Assessment:</b>	Achievement Standards 91026 Apply numeric reasoning in solving problems [Internal, 4 credits, Numeracy] 91027 Apply algebraic methods in solving problems [External, 4 credits, Numeracy] ( <i>CAT paper, i.e. sat internally but set externally</i> ) 91028 Investigate relationships between tables, graphs or equations [External, 4 credits, Numeracy] 91031 Apply geometric reasoning in solving problems [External, 4 credits, Numeracy] 91037 Demonstrate understanding of chance and data [External, 4 credits, Numeracy]	External	16	20
<b>Cost/Equipment:</b>	Calculator (graphical calculator will be an advantage but minimum requirement is a scientific calculator) \$32 workbook and revision resources. Students in the Year 11 MTA1 class require an additional workbook \$18.  <i>Note:</i> Students entering the National Bank and Westpac Mathematics Competitions are required to pay \$8 and \$7 respectively. Students in 11MTA1 will be entered in the Westpac Mathematics competition automatically. Entry to the National Bank competition will be offered to selected students requiring extension.			

YEAR 11 MATHEMATICS TOWARDS NUMERACY		11MTN														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>13</td> <td>0</td> </tr> <tr> <td>External</td> <td>4*</td> <td>17</td> </tr> </tbody> </table>			Credits available			L1	AS	US	Internal	13	0	External	4*	17
Credits available																
L1	AS	US														
Internal	13	0														
External	4*	17														
	This course emphasises the use of basic, practical mathematics in everyday life and provides a pathway towards gaining numeracy.															
<b>Pre requisite:</b>	Year 10 Mathematics															
<b>Assessment:</b>	Achievement Standards															
	91026 Numeric reasoning [Internal, 4 credits, Numeracy]															
	91030 Measurement [Internal, 3 credits, Numeracy]															
	91033 Geometric representations [Internal, 3 credits, Numeracy]															
	91038 Probability [Internal, 3 credits, Numeracy & Literacy]															
	<i>Note: The following external standard will be offered at the discretion of the HOD</i>															
	92031 Geometric reasoning [External, 4 credits, Numeracy]															
<b>Cost/Equipment:</b>	Calculator															
	\$30 Classroom workbook															

YEAR 12 MATHEMATICS		12MTA														
<b>Qualification:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>4</td> <td>0</td> </tr> <tr> <td>External</td> <td>13</td> <td>17</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	4	0	External	13	17
Credits available																
L2	AS	US														
Internal	4	0														
External	13	17														
<b>Pre requisite:</b>	Merit or higher in AS91027 (Algebra MCAT), plus Achieved or higher in AS91028 (tables, equations and graphs), plus one other external Level 1 Mathematics standard.															
	The course builds on Level 1 content, introduces some completely new work and leads on to Level 3 Mathematics subjects and beyond.															
<b>Learning strategies:</b>	Written and practical															
<b>Assessment:</b>	Achievement Standards															
	2.2 Graphs [Internal, 4 credits]															
	2.6 Algebra [External, 4 credits]															
	2.7 Calculus [External, 5 credits]															
	2.12 Probability [External, 4 credits]															
<b>Cost/Equipment:</b>	Graphic calculator (compulsory)															
	\$32 workbook and revision resources															
	<i>Note: Students entering the Australian Mathematics Competition are required to pay \$8. Students in 12MTA1 will be entered automatically.</i>															

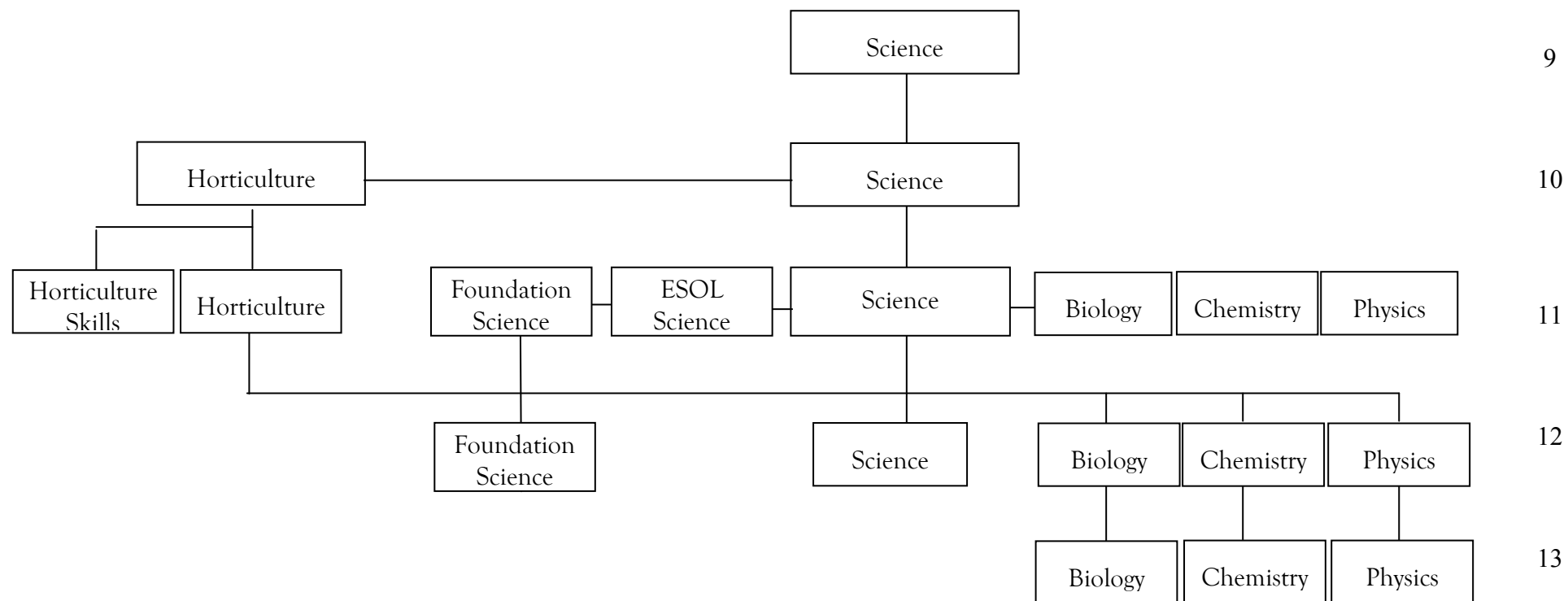
YEAR 12 MATHEMATICS WITH UNIT STANDARDS		12MTU		
<b>Qualification:</b>	NCEA Level 1 & 2 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	None	<b>L1/2</b>	<b>AS</b>	<b>US</b>
	This course is designed for students who have studied the Level 1 Unit Standards course in Year 11 and for students who did not achieve sufficient credits in the Level 1 Achievement Standards course to do 12MTA. This course will provide the opportunity to complete the numeracy requirement for university entrance.	Internal	0	15
		External	0	15
<b>Learning strategies:</b>	Written and practical			
<b>Assessment:</b>	Unit Standards			
	12332 Statistics [Level 1, Internal, 2 credits]			
	5223 Use formulae and equations to solve problems [Level 1, Internal, 2 credits]			
	5250 Using probability techniques to solve problems [Level 2, Internal, 2 credits]			
	5253 Sketch and describe graphs [Level 2, Internal, 3 credits]			
	5244 Demonstrate calculus skills [Level 2, Internal, 2 credits]			
	5245 Solve co-ordinate geometry problems [Level 2, Internal, 2 credits]			
	5249 Finding optimal solutions using networks [Level 2, Internal, 2 credits]			
<b>Cost/Equipment:</b>	\$10 Resource Booklet.			
	Scientific Calculator (a graphic calculator will be a definite advantage in this course)			

YEAR 13 MATHEMATICS WITH CALCULUS		13CAL		
<b>Qualification:</b>	NCEA Level 3 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Achieved or higher in Level 2 Calculus AS90286, Graphs AS90285 and Trigonometry AS90292 and Merit or higher in Algebra AS 90284	L3	AS	US
		Internal	4	0
<b>Learning strategies:</b>	Written and Practical	External	20	24
<b>Assessment:</b>	Achievement Standards 90635 Differentiate functions and use derivatives to solve problems [External, 6 credits] 90636 Integrate functions and use integration to solve problems [External, 6 credits] 90637 Solve problems and equations involving trigonometric functions [Internal, 4 credits] 90638 Manipulate real and complex numbers and solve equations [External, 5 credits] 90639 Sketch graphs of conic sections and write equations related to conic sections [External, 3 credits]			
<b>Cost/Equipment:</b>	Graphical calculator (compulsory) Revision resources \$10 <i>Note:</i> Students entering the Westpac Mathematics Competition will be required to pay \$8 prior to entry.			

YEAR 13 MATHEMATICS WITH STATISTICS		13STA		
<b>Qualification:</b>	NCEA Level 3 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Achieved or higher in Level 2 Algebra AS90284, Graphs AS90285, Coordinate Geometry AS90287 and Probability AS90289	L3	AS	US
		Internal	6	0
<b>Learning strategies:</b>	Written and Practical	External	15	21
<b>Assessment:</b>	Achievement Standards AS90641 Determine the trend for time series data [Internal, 3 credits] AS90642 Calculate confidence intervals for population parameters [External, 3 credits] AS90643 Solve straightforward problems involving probability [External, 4 credits] AS90644 Solve equations [External, 4 credits] AS90645 Select and analyse continuous bivariate data [Internal, 3 credits] AS90646 Use probability distribution models to solve straight forward problems [External, 4 credits]			
<b>Cost/Equipment:</b>	Graphical calculator (compulsory) Revision resources \$10 <i>Note:</i> Students entering the Westpac Mathematics Competition will be required to pay \$8 prior to entry.			

<b>YEAR 13 MATHEMATICS WITH UNIT STANDARDS</b>		<b>13MTU</b>		
<b>Qualification:</b>	NCEA Levels 2 & 3 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	10 Level 2 credits in Mathematics	<b>L2/3</b>	<b>AS</b>	<b>US</b>
<b>Learning strategies:</b>	Written and practical	Internal	0	19
<b>Assessment:</b>	Unit Standards: 5246 Manipulate algebraic expressions and use algebraic methods to solve problems [Internal, 4 credits] 5258 Use expected values to solve problems [Internal, 2 credits] 5260 Find and use derivatives to solve problems [Internal, 2 credits] 5264 Use numerical methods to solve problems [Internal, 3 credits] 5262 Use linear systems to solve problems [Internal, 2 credits] 5259 Use probability models to solve problems [Internal, 3 credits] 5257 Investigate time series [Internal, 3 credits]	External	0	19
<b>Cost/Equipment:</b>	Graphical calculator (compulsory) \$15 Workbook			

## SCIENCE



- NB:**
1. Year 11 students must choose one Science course (from Science, Foundation Science, ESOL Science, Horticulture or Horticulture Skills)
  2. With the express approval of the HOD, students may take an additional Science subject (Biology or Chemistry or Physics)
  3. For Electronics courses please refer to Technology page 90.

## Criteria for Advancement 2012

Subject	Level	Entry Requirements
Biology	1	Excellent attitude and grades in Year 10 Science and by approval of the teacher in charge of Biology.
ESOL Science	1	English as a 2 <sup>nd</sup> language or at discretion of HOD Science
Foundation Science	1	At discretion of HOD Science
Chemistry	1	Achieved or higher in the Year 10 Science examination or credits in NCEA Science Level 1 or at the discretion of the HOD
Horticulture	1	Year 10 Science
Physics	1	Good grades in Year 10 Science examination or NCEA Level 1 Science credits
Science	1	Satisfactory level of performance in Year 10 Science - at discretion of HOD Science
Biology	2	Achieved in NCEA Level 1 90948 and a minimum total of 80 credits at Level 1.
Chemistry	2	12 credits in NCEA Level 1 Chemistry or Science including 90944
Foundation Science	2	8 credits in NCEA Science Level 1
Physics	2	8 external credits in NCEA Science Level 1 including 90940
Science	2	8 Achievement Standard credits in NCEA Maths or a Science at Level 1 and a minimum total of 60 credits at Level 1.
Biology	3	12 credits in NCEA Biology Level 2 including 90459 and 90769 and a minimum total of 60 credits at Level 2.
Chemistry	3	12 credits in NCEA Chemistry Level 2
Physics	3	12 credits in NCEA Physics Level 2

Entry into senior courses is based on the individual student's achievement in that subject or related subjects. It may be possible to waive an entry requirement in specific cases after consultation with HOD and the Dean of the level.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

YEAR 10 SCIENCE		10SCI
<b>Main area of study:</b>	Atoms, Properties of Substances, Electricity, Plant/Animal Communities, Reproduction, Genetics, Earth Science, Acids, Alkalis and Home Chemicals, Motion and Forces.	
<b>Learning strategies:</b>	Practical work, projects, written work, research	
<b>Assessment:</b>	Practical and theory	
<b>Cost:</b>	\$25 Materials	

YEAR 10 HORTICULTURE		10HOR
<b>Main area of study:</b>	Development and maintenance of a shared garden plot. Perform suitable garden practice throughout the year. Propagate plants and study indoor, exotic and unusual plants.	
<b>Learning strategies:</b>	Practical activities in the garden plot and classroom and associated theory.	
<b>Assessment:</b>	Internal	
<b>Cost/Equipment:</b>	\$10 Materials	

YEAR 11 SCIENCE		11SCI												
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>8*</td> <td>0</td> </tr> <tr> <td>External</td> <td>12</td> <td>20*</td> </tr> </tbody> </table>	Credits available			L1	AS	US	Internal	8*	0	External	12	20*
Credits available														
L1	AS	US												
Internal	8*	0												
External	12	20*												
<b>Pre requisites:</b>	Satisfactory level of performance in Year 10 Science - at discretion of HOD													
<b>Main area of study:</b>	Astronomy, Physical Systems, Substances, Genetics, Volcanic features, Ecosystems													
<b>Learning strategies:</b>	Research, practicals, written work, videos													
<b>Assessment:</b>	Achievement Standards (*to be selected from): 90940 Demonstrate aspects of mechanics [External, 4 credits, Literacy] 90944 Demonstrate an understanding of aspects of acids and bases [External, 4 credits] 90948 Demonstrate ideas of biological ideas relating to genetic variation [External, 4 credits, Literacy] 90952 Demonstrate understanding of the formation of surface features of NZ [Internal, 4 credits, Literacy] 90954 Demonstrate understanding of the effect on planet Earth of astronomical cycles [Internal, 4 credits, Literacy] 90951 Investigate the biological impact of an event of a NZ ecosystem [Internal, 4 credits]													
<b>Cost/Equipment:</b>	\$30 course manual / practical book													

YEAR 11 BIOLOGY		11BIO		
<b>Qualification:</b>	NCEA Level 1 credits	<b>Credits available</b>		
<b>Co-requisite:</b>	Year 11 Science	<b>L1</b>	<b>AS</b>	<b>US</b>
<b>Pre requisite:</b>	Excellent attitude and grades in Year 10 Science and by approval of the teacher in charge of Biology.	Internal	12	0
<b>Main area of study:</b>	Ecology, Flowers, Microbes, New Zealand organisms and evolution.	External	8	20
<b>Learning strategies:</b>	Project work, research, individual and group activities and actions, discussion.			
<b>Assessment:</b>	<p><i>Note:</i> The teacher will advise students whether entry to specific standards is appropriate.</p> <p>Achievement Standards:</p> <p>90925 Practical investigation – Ecology of a local stream [Internal, 4 credits, Numeracy]</p> <p>90928 Flowers [External, 4 credits, Literacy]</p> <p>90927 Microbes [External, 4 credits, Literacy]</p> <p>90951 Investigate the biological impact of an event on a New Zealand ecosystem [Internal, 4 credits]</p> <p>90955 Investigate an earth science event [Internal, 4 credits]</p>			
<b>Cost/Equipment:</b>	4GB USB Memory Stick			

YEAR 11 CHEMISTRY		11CHE		
<b>Qualification:</b>	NCEA Level 1 and 2 credits	<b>Credits available</b>		
<b>Co-requisite:</b>	Year 11 Science	<b>L1/2</b>	<b>AS</b>	<b>US</b>
<b>Pre requisites:</b>	Achieved or higher in the Year 10 Science examination or credits in NCEA Science Level 1 or at the discretion of the HOD.	Internal	7	0
<b>Main area of study:</b>	Atomic theory, carbon chemistry, chemical properties and reactions of selected elements.	External	12	19
	This course, while not essential, is valuable preparation and recommended for the study of Chemistry at Level 2.			
<b>Learning strategies:</b>	Cooperative learning through practical work. Visual and kinaesthetic activities. Powerpoint, animations and theory. Web-based interactive revision.			
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90930 Carry out a practical investigation, with direction [Internal, 4 credits, Numeracy]</p> <p>2.2 Carry out procedures to identify ions present in solution [Internal, 3 credits]</p> <p>90932 Demonstrate understanding of aspects of carbon chemistry [External, 4 credits]</p> <p>90933 Demonstrate understanding of aspects of selected elements [External, 4 credits]</p> <p>90934 Demonstrate understanding of aspects of chemical reactions [External, 4 credits]</p>			
<b>Cost/Equipment:</b>	Workbook \$30 (approximately)			

YEAR 11 ESOL SCIENCE		11ESC		
<b>Qualification:</b>	NCEA Level 1 credits This course is designed to meet the needs of students who have English as a second language. The strong content-based Biology, Chemistry and Physics will prepare them for study of specialist sciences at Level 2 and 3, using mathematical and specialised language development skills.	<b>Credits available</b>		
		L1	AS	US
<b>Pre requisites:</b>	By selection based on Mathematics and English ability and demonstrated commitment to learning.	Internal	4*	0
		External	12	16*
<b>Main area of study:</b>	Biology, Chemistry and Physics			
<b>Learning strategies:</b>	Strong content based programme using discussions, assignments, formal problems and writing and experimental work.			
<b>Assessment:</b>	Achievement Standards:			
	90944 Science - Demonstrate understanding of aspects of acids and bases (Note: pre-requisite for senior Chemistry) [External, 4 credits 90940 Science - Demonstrate understanding of aspects of mechanics (Note: pre-requisite for senior Physics) [External, 4 credits, Numeracy] 90930 Chemistry - Carry out a practical chemistry investigation, with direction [Internal, 4 credits, Numeracy] 90948 Science - Demonstrate understanding of biological ideas relating to genetic variation (Note: pre-requisite for Senior Biology) [External, 4 credits, Literacy] 90935 Physics - Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction [Internal, 4 credits, Numeracy] 90950* Science - Investigate biological ideas relating to interactions between humans and micro-organisms [Internal, 4 credits] * Standard offered only if time permits			
<b>Cost/Equipment:</b>	Workbook (\$25 approximately)			

<b>YEAR 11 FOUNDATION SCIENCE</b>		<b>11FSC</b>		
<b>Qualification:</b>	NCEA Level 1 credits	<b>Credits available</b>		
	This course is designed for those students who may require 2 years to achieve NCEA Level 1. Students can progress to 12FSC the following year.	<b>L1</b>	<b>AS</b>	<b>US</b>
		Internal	15*	0
<b>Pre requisites:</b>	At discretion of the HOD Science	External	0	15*
<b>Main area of study:</b>	Students can study topics from Physical World (electricity), Material World (carbon fields), Living World (the environment, landscape) or Planet Earth and Beyond (volcanic Auckland)			
<b>Learning strategies:</b>	Research, reading, experiments, projects, investigations, discussion			
<b>Assessment:</b>	Achievement Standards Assessments will be selected from the following at HOD discretion: 90941 Science - Investigate the implications of electricity and magnetism for everyday life [Internal, 4 credits, Numeracy] 90945 Science - Investigate the implications of the use of carbon compounds as fields [Internal, 4 credits] 90949 Science - Investigate life processes and environmental factors that affect them [Internal, 4 credits] 90952 Science - Demonstrate understanding of the formation of surface features in New Zealand [Internal, 4 credits, Literacy] 90922 Ag & Hort - Design a landscape plan that reflects user requirements [Internal, 3 credits]			
<b>Cost/Equipment:</b>	Foundation Science Workbook \$25			

<b>YEAR 11 HORTICULTURE</b>		<b>11HOR</b>		
<b>Qualification:</b>	NCEA Level 1 credits	<b>Credits available</b>		
<b>Pre requisites:</b>	Year 10 Science or at the discretion of the Teacher in Charge	<b>L1</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Soil and plant management, propagation techniques, redesigning landscapes and geographical distribution of primary production.	Internal	10	0
<b>Learning strategies:</b>	A range of practical horticultural activities with associated theory and investigations.	External	9	19
<b>Assessment:</b>	Achievement Standards 90919 Soil management practices [External, 4 credits, Literacy] 90920 Geographical distribution of primary production [Internal, 3 credits, Literacy] 90924 Plant management practices and related plant physiology [External, 5 credits, Literacy] 90922 Design a landscape plan [Internal, 3 credits] 90923 Basic plant propagation techniques [Internal, 4 credits, Literacy]			
<b>Cost/Equipment:</b>	\$10 Resources			

YEAR 11 HORTICULTURE SKILLS		11HSK		
<b>Qualification:</b>	No formal qualification	<b>Credits available</b>		
<b>Pre requisites:</b>	None	<b>L1</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Planning, preparation, propagation and planting in the school and local community. Maintenance of existing plants. The safe use and maintenance of horticultural equipment.	Internal	0	0
		External	0	0
<b>Learning strategies:</b>	A wide range of practical activities. Carrying out practices in a safe and methodical manner.			
<b>Assessment:</b>	A range of skill will be assessed internally during the year.			
<b>Cost/Equipment:</b>	\$10 Resources			

YEAR 11 PHYSICS		11PHY		
<b>Qualification:</b>	NCEA Level 1 credits	<b>Credits available</b>		
<b>Co-requisite:</b>	Year 11 Science	<b>L1</b>	<b>AS</b>	<b>US</b>
<b>Pre requisites:</b>	Good grades in Year 10 Science examinations or NCEA Science Level 1 credits	Internal	4	0
<b>Main area of study:</b>	Light Behaviour, Motion in One Dimension, Energy, Heat Transfer, Nuclear Physics, Electricity, Magnetism, Calculations.	External	12	16
<b>Learning strategies:</b>	Formal experimentation, research, practicals, written work, calculations, videos.			
<b>Assessment:</b>	Achievement Standards: 90940 Carry out a practical investigation with guidance that leads to a linear mathematical relationship [Internal, 4 credits] 90937 Demonstrate understanding of aspects of electricity and magnetism [External, 4 credits, Numeracy] 90938 Demonstrate understanding of wave behaviour [External, 4 credits, Numeracy] 90939 Demonstrate understanding of heat [External, 4 credits, Numeracy]			
<b>Cost/Equipment:</b>	Workbooks \$25 (approximately) Resources \$10			

YEAR 12 BIOLOGY		12BIO		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Achieved or better in Genetics standard 90948 and a minimum total of 80 credits at Level 1.	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Genetics, Evolution and New Zealand rocky shore ecology.	Internal	11	0
<b>Learning strategies:</b>	Research, practical work, written work, discussion, field trips.	External	8	19
<b>Assessment:</b>	<p><i>Note:</i> The teacher will advise students whether entry to specific standards is appropriate.</p> <p>Achievement Standards:</p> <p>2.1 Enzyme investigation [Internal, 4 credits]</p> <p>2.3 Organism research [Internal, 3 credits]</p> <p>2.5 Genetic variation [External, 4 credits]</p> <p>2.6 Rocky shore investigation [Internal, 4 credits]</p> <p>2.7 Gene expression [External, 4 credits]</p>			
<b>Cost/Equipment:</b>	\$45 Workbook/write-on resources 4GB Memory Stick Field trip: \$50 (approximately)			

YEAR 12 CHEMISTRY		12CHE		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisites:</b>	12 Credits NCEA Chemistry or Science Level 1 including 90944	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Atomic theory, quantitative chemistry, organic chemistry, oxidation reduction reactions, energy changes and chemical reactivity.	Internal	7	0
<b>Learning strategies:</b>	Cooperative learning through practical laboratory work. Visual and kinaesthetic activities. Powerpoint, animations and theory. Web based interactive revision.	External	13	20
<b>Assessment:</b>	<p>Achievement Standards</p> <p>2.1 Carry out quantitative analysis [Internal, 4 credits]</p> <p>2.4 Demonstrate understanding of bonding, structure and energy changes [External, 5 credits]</p> <p>2.5 Demonstrate understanding of the properties of selected organic compounds [External, 4 credits]</p> <p>2.6 Demonstrate understanding of chemical reactivity [External, 4 credits]</p> <p>2.7 Demonstrate understanding of oxidation-reduction [Internal, 3 credits]</p>			
<b>Cost/Equipment:</b>	Workbook \$30 (approximately)			

YEAR 12 FOUNDATION SCIENCE		12FSC		
<b>Qualification:</b>	NCEA Level 1 and 2 credits	<b>Credits available</b>		
<b>Pre requisites:</b>	8 credits in NCEA Level 1 Science	L1/2	AS	US
<b>Main area of study:</b>	Understanding of NZ geology, animals and ecosystems. Practical investigations in Chemistry; rates of reaction and ions in solution.	Internal	19	0
<b>Learning strategies:</b>	Field trip, research, practical laboratory work, written work.	External	0	19
<b>Assessment:</b>	Achievement Standards: 90925 Biology - Practical investigation - Ecology of a local stream [Level 1, Internal, 4 credits] 2.3 Biology - Demonstrate understanding of adaption of plants or animals to their way of life [Internal, 3 credits] 90930 Chemistry - Carry out a practical investigation, with direction [Level 1, Internal, 4 credits] 2.2 Chemistry - Carry out procedures to identify ions present in solution [Internal, 4 credits] 2.3 Science - Investigate geological processes in a NZ locality [Internal, 4 credits]			
<b>Cost/Equipment:</b>	Resource material \$10 Certificate in Science Level 2 \$7 ( <i>Bronze = must pass a minimum of 9 credits; Silver = 12 credits; Gold = 15 credits</i> )			

YEAR 12 PHYSICS		12PHY		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisites:</b>	8 external credits in NCEA Science Level 1 including 90940.	L2	AS	US
<b>Main area of study:</b>	Mechanics, Electricity, Waves, Atomic Physics.	Internal	3	0
<b>Learning strategies:</b>	Problem solving, laboratory work and demonstrations, videos and software.	External	16	19
<b>Assessments:</b>	Achievement Standards 2.3 Waves [External, 4 credits] 2.4 Mechanics [External, 6 credits] 2.5 Atomic and nuclear [Internal, 3 credits] 2.6 Electricity and electromagnetism [External, 6 credits]			
<b>Cost/Equipment:</b>	Course manual \$25 Resources \$10			

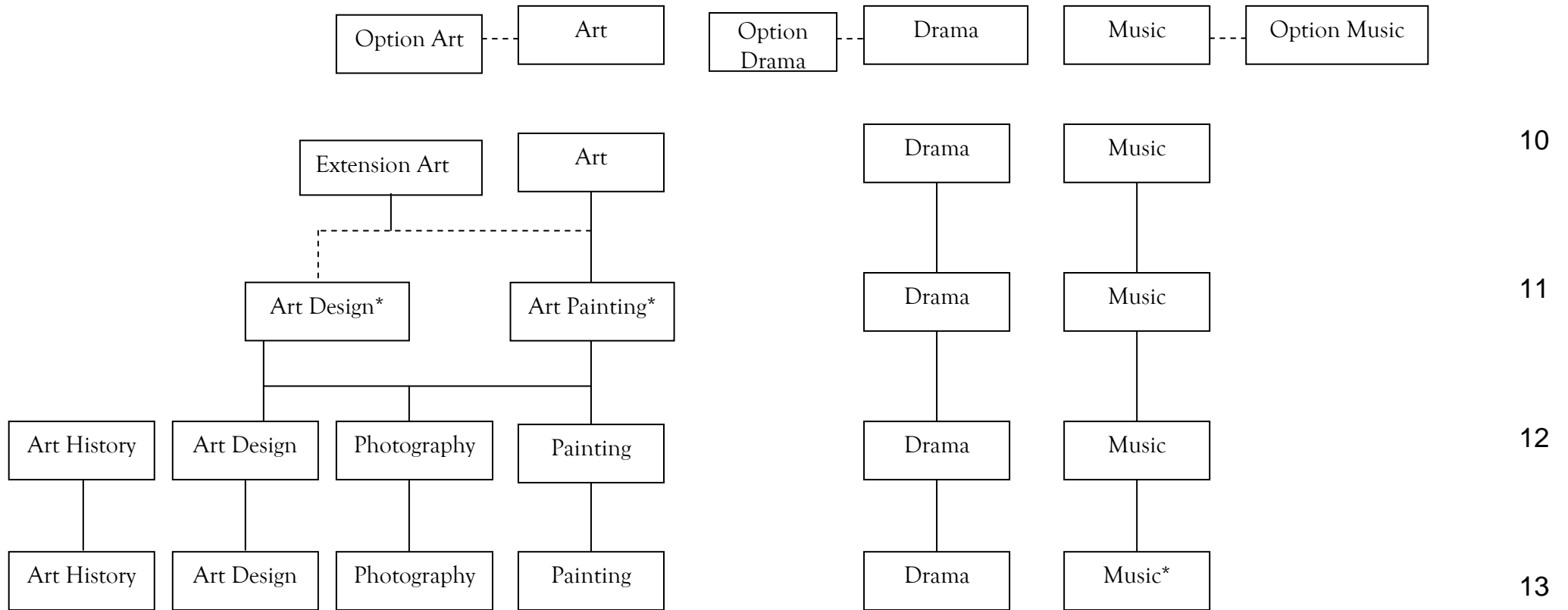
YEAR 12 SCIENCE		12SCI		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisites:</b>	8 Achievement Standard credits in NCEA Maths or a Science at Level 1 and a minimum total of 60 credits at Level 1.	<b>L2</b>	<b>AS</b>	<b>US</b>
		Internal	15	0
<b>Main area of study:</b>	New Zealand rocky shore and shore animals, New Zealand geology, ions in solution.	External	4	19
<b>Learning strategies:</b>	Research, practicals, written work, videos.			
<b>Assessment:</b>	<i>Note:</i> The teacher will advise students whether entry to specific standards is appropriate. Achievement Standards: Science 2.3 Geology [Internal, 4 credits] Science 2.5 Extreme earth events [External, 4 credits] Biology 2.3 Organism study [Internal, 4 credits] Biology 2.6 Rocky shore investigation [Internal, 4 credits] Chemistry 2.2 Investigation of ions in solution [Internal, 3 credits]			
<b>Cost/Equipment:</b>	\$10 Workbook/write-on resources 4GB USB Memory Stick			

YEAR 13 BIOLOGY		13BIO		
<b>Qualification:</b>	NCEA Level 3 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	12 credits in NCEA Level 2 Biology including 90459 and 90769 and a minimum total of 60 credits at Level 2.	<b>L3</b>	<b>AS</b>	<b>US</b>
		Internal	3	0
<b>Main area of study:</b>	Gene Expression, Evolution, Human Evolution, Plant Responses and Animal Behaviour, DNA Technology.	External	18	21
<b>Learning strategies:</b>	Research, practical and written work, making models, discussion, field trips.			
<b>Assessment:</b>	<i>Note:</i> The teacher will advise students whether entry to specific standards is appropriate. Achievement Standards: 90714 Research a contemporary biological issue [Internal, 3 credits] 90715 Describe gene expression [External, 4 credits] 90716 Describe animal behaviour and plant responses [External, 4 credits] 90717 Describe patterns of evolution [External, 3 credits] 90719 Describe trends in human biological and cultural evolution [External, 3 credits] 90729 Describe genetic processes [External, 4 credits]			
<b>Cost/Equipment:</b>	Workbook and Resources: \$25 (approximately) Field trips: \$30 (approximately) 4GB USB Memory Stick			

YEAR 13 CHEMISTRY		13CHE														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>2</td> <td>0</td> </tr> <tr> <td>External</td> <td>18</td> <td>20*</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	2	0	External	18	20*
Credits available																
L3	AS	US														
Internal	2	0														
External	18	20*														
<b>Pre requisites:</b>	12 credits in NCEA Level 2 Chemistry.															
<b>Main area of study:</b>	Atomic structure and bonding, periodicity, energy changes, aqueous solutions, chemistry, organic chemistry, oxidation reduction reactions and electrochemistry.															
<b>Learning strategies:</b>	Cooperative learning through practical laboratory work. Visual and kinaesthetic activities. Powerpoint, animations and theory. Web based interactive revision.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90695 Determine the composition of an oxidant or reductant by titration [Internal, 2 credits]</p> <p>90696 Describe oxidation-reduction processes [External, 3 credits]</p> <p>90698 Describe aspects of organic chemistry [External, 5 credits]</p> <p>90700 Describe properties of aqueous systems [External, 5 credits]</p> <p>90780 Describe properties of particles and thermo-chemical principles [External, 5 credits]</p> <p>Students may be given the opportunity to attempt the following standard at the discretion of the teacher in charge.</p> <p>90727* Carry out a practical scientific investigation with guidance [Internal, 4 credits]</p> <p><i>Note:</i> To qualify for a course endorsement a minimum of 3 internal and 3 external excellence or merit credits are required. Refer to page 15.</p>															
<b>Cost/Equipment:</b>	Workbook - \$30 (approximately)															

YEAR 13 PHYSICS		13PHY														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>5</td> <td>0</td> </tr> <tr> <td>External</td> <td>18</td> <td rowspan="2">23*</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	5	0	External	18	23*
Credits available																
L3	AS	US														
Internal	5	0														
External	18	23*														
<b>Pre requisite:</b>	12 credits in NCEA Level 2 Physics															
<b>Main area of study:</b>	Mechanics, waves and particles, electricity and magnetism, oscillating systems, atomic physics.															
<b>Learning strategies:</b>	Problem solving, laboratory work and demonstrations, videos and software															
<b>Assessment:</b>	<p>Achievement Standards.</p> <p>90520 Demonstrate understanding of wave systems [External, 4 credits]</p> <p>90521 Demonstrate understanding of mechanical systems [External, 6 credits]</p> <p>90522 Demonstrate understanding of atoms, photons and nuclei [External, 3 credits]</p> <p>90523 Demonstrate understanding of electrical systems [External, 5 credits]</p> <p>90774 Carry out a practical physics investigation that leads to a mathematical relationship [Internal, 5 credits]</p> <p>90732* (Sci) Describe properties and applications selected from EMR, radio-active decay, sound and ultrasound [External, 4 credits]</p> <p>* <i>Optional</i></p>															
<b>Cost/Equipment:</b>	<p>Write-on resources \$10</p> <p>Course manual \$25</p>															

## The ARTS



**Notes:**

1. Students taking Level 3 Music should note that while Music Studies is an approved subject for University Entrance at level 3 (see page 19) Making Music is not and therefore can only be used as an additional domain. (Refer to diagram page 18). For this reason the 13MUS course includes standards from two domains: Music Studies and Making Music.
2. Students can only take one Visual Art option at Level 1.
3. The workload for portfolio subjects (Visual Arts) is significant and students need to be highly motivated and have strong self management skills.

## Criteria for Advancement 2012

Subject	Level	Entry Requirements
Music (Year 10)	-	To be learning a musical instrument
Art Design	1	Year 10 Art recommended
Art Paining	1	Year 10 Art
Drama	1	Merit or above for Year 10 Devising and Year 10 Improvisation and Achieved or above in Year 10 Drama exam
Music	1	Ability to perform on a musical instrument (including voice), having lessons from a private tutor or itinerant music teacher; Able to read and write music Grade 3 theory knowledge
Art Design	2	NCEA Art Design Level 1 recommended
Art History	2	NCEA Art Level 1 or 12 credits NCEA English or History Level 1
Drama	2	Merit or above in Level 1 Drama 90998, 90009 and 90997
Music	2	3 years learning a musical instrument and minimum of 20 credits in NCEA Music Level 1 or by approval of HOD
Painting	2	Merit or above in 90020 (Level 1 Art Painting or Design)
Photography	2	NCEA Level 1 Art Design recommended
Art Design	3	12 credits in NCEA Art Design Level 2 or 12 credits in NCEA Photography Level 2 and approval of the HOD
Art History	3	12 credits in NCEA Art History or English Level 2 <u>or</u> History Level 2
Drama	3	By approval of HOD and Merit or above in AS90303 (Shakespeare)
Music	3	4 years learning a musical instrument and 20 credits in NCEA Music Level 2 or by approval of the HOD
Painting	3	12 credits in NCEA Painting Level 2
Photography	3	12 credits in NCEA Photography Level 2 or 12 credits in NCEA Design Level 2 and approval of the HOD

Entry into senior courses is based on the individual student's achievement in that subject, or related subjects. It may be possible to waive an entry requirement in specific cases after consultation with the HOD and Dean of the level.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

YEAR 10 ART		10ART
<b>Main area of study:</b>	Research and develop ideas based on European, New Zealand and/or South Pacific art and artists. Extend research and drawing into sculpture construction, painting, photography and/or design.	
<b>Learning strategies:</b>	Research, drawing from observation, practical activities, gallery visits.	
<b>Assessment:</b>	Achievement Based Assessment	
<b>Cost:</b>	\$30 Materials	

YEAR 10 EXTENSION ART		10EXART
<b>Main area of study:</b>	Questioning the nature of art and how it has evolved historically with evolving technologies. Studying contemporary art and its contexts, including the use of new media.	
<b>Learning strategies:</b>	Research, analysis, class discussions, group work, practical activities, gallery visits.	
<b>Assessment:</b>	Achievement Based Assessment	
<b>Cost:</b>	\$15 Materials	

YEAR 11 ART PAINTING		11PAI												
<b>Qualification:</b>	NCEA Level 1 credits													
<b>Pre-requisite:</b>	Completion of Year 10 Art.													
<b>Main area of study:</b>	Explore a variety of drawing methods while working in a thematic approach to subject matter. Practical work in the two fields of Painting and Photography. Understand and apply selected artists' images in relation to their own work.	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>10</td> <td>0</td> </tr> <tr> <td>External</td> <td>12</td> <td>22*</td> </tr> </tbody> </table>	Credits available			L1	AS	US	Internal	10	0	External	12	22*
Credits available														
L1	AS	US												
Internal	10	0												
External	12	22*												
<b>Learning strategies:</b>	Research and practical activities. Museum/Gallery trips, workshops.													
<b>Assessment:</b>	Achievement Standards 90914 Use drawing methods and skills for recording information using wet and dry media [Internal, 4 credits] 90915 Use drawing conventions to develop work in more than one field of practice [Internal, 6 credits] 90916 Produce a body of work informed by established practice that develops ideas, using a range of media [External, 12 credits] 90913* Demonstrate understanding of art and artworks from Maori and other cultural contexts using art terminology [Internal, 4 credits, Literacy] 90917** Produce a finished work that demonstrates skills appropriate to cultural conventions [Internal, 4 credits] *Entry to this standard is at the discretion of the HOD ** Optional and additional standard at the discretion of the HOD													
<b>Cost/Equipment:</b>	\$50 Materials (includes \$10 printing and photocopying)													
	Note: Only one Visual Art subject can be taken at Level 1													

YEAR 11 ART DESIGN		11ARD														
<b>Qualification:</b>	NCEA Level 1 credits															
<b>Pre-requisite:</b>	Year 10 Art recommended.															
<b>Main area of study:</b>	Explore a variety of drawing methods while working in a thematic approach to subject matter. Practical work in the two fields of Photography and Design. Understand and apply selected artists' images in relation to their own work.	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>10</td> <td>0</td> </tr> <tr> <td>External</td> <td>12</td> <td>22*</td> </tr> </tbody> </table>			Credits available			L1	AS	US	Internal	10	0	External	12	22*
Credits available																
L1	AS	US														
Internal	10	0														
External	12	22*														
<b>Learning strategies:</b>	Research and practical activities. Museum/Gallery trips, workshops.															
<b>Assessment:</b>	Achievement Standards 90914 Use drawing methods and skills for recording information using wet and dry media [Internal, 4 credits] 90915 Use drawing conventions to develop work in more than one field of practice [Internal, 6 credits] 90916 Produce a body of work informed by established practice that develops ideas, using a range of media [External, 12 credits] 90917* Produce a finished work that demonstrates skills appropriate to cultural conventions [Internal, 4 credits] * <i>Optional and additional standard at the discretion of the HOD</i>															
<b>Cost/Equipment:</b>	\$50 Materials (includes printing and photocopying)  <i>Note: Only one Visual Art subject can be taken at Level 1</i>															

12 ART DESIGN		12ARD														
<b>Qualification:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>12</td> <td>0</td> </tr> <tr> <td>External</td> <td>12</td> <td>24*</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	12	0	External	12	24*
Credits available																
L2	AS	US														
Internal	12	0														
External	12	24*														
<b>Pre requisite:</b>	None but completion of NCEA Level 1 Art Design recommended.															
<b>Main area of study:</b>	2D Graphic design. Computer generated design using Photoshop and Illustrator. Understand and use established design practice.															
<b>Learning Strategies:</b>	Research and practical work.															
<b>Assessment:</b>	Achievement Standards 2.1 Demonstrate an understanding of methods and ideas from established practice appropriate to design [Internal, 4 credits] 2.2 Use drawing methods to apply knowledge of conventions appropriate to design [Internal, 4 credits] 2.3 Develop ideas in a related series of drawings appropriate to established design [Internal, 4 credits] 2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within design [External, 12 credits] 2.5* Produce a resolved work that demonstrates control of skills appropriate to cultural conventions [Internal, 4 credits] * Optional and additional standard at the discretion of the HOD. <i>Please Note:</i> students taking Year 12 Visual Art in more than one field can only be assessed for 2.5 once.															
<b>Cost/Equipment:</b>	\$80 Materials (includes \$70 printing)															

YEAR 12 PAINTING		12PAI		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Merit or above in NCEA Level 1 Visual Art 90916 (12 credits).	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Drawing and painting from student selected subject matter. Understand and use established painting practice.	Internal	12	0
<b>Learning strategies:</b>	Research and practical work.	External	12	24*
<b>Assessment:</b>	Achievement Standards 2.1 Demonstrate an understanding of methods and ideas from established practice appropriate to painting [Internal, 4 credits] 2.2 Use drawing methods to apply knowledge of conventions appropriate to painting [Internal, 4 credits] 2.3 Develop ideas in a related series of drawings appropriate to established photography [Internal, 4 credits] 2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within photography [External, 12 credits] 2.5* Produce a resolved work that demonstrates control of skills appropriate to cultural conventions [Internal, 4 credits] * Optional and additional standard at the discretion of the HOD. <i>Please Note:</i> students taking Year 12 Visual Art in more than one field can only be assessed for 2.5 once.			
<b>Cost/Equipment:</b>	\$50 Materials (includes \$10 printing)			

12 PHOTOGRAPHY		12PHO														
<b>Qualification:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>12</td> <td>0</td> </tr> <tr> <td>External</td> <td>12</td> <td>24*</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	12	0	External	12	24*
Credits available																
L2	AS				US											
Internal	12	0														
External	12	24*														
<b>Pre requisite:</b>	NCEA Level 1 Art Design recommended.															
<b>Main area of study:</b>	Learn to operate a SLR digital camera Demonstrate image-making skills and understanding of established photographic practice (using digital media).															
<b>Learning strategies:</b>	Research and practical work.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>2.1 Demonstrate an understanding of methods and ideas from established practice appropriate to photography [Internal, 4 credits]</p> <p>2.2 Use drawing methods to apply knowledge of conventions appropriate to photography [Internal, 4 credits]</p> <p>2.3 Develop ideas in a related series of drawings appropriate to established photography [Internal, 4 credits]</p> <p>2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within photography [External, 12 credits]</p> <p>2.5* Produce a resolved work that demonstrates control of skills appropriate to cultural conventions [Internal, 4 credits]</p> <p>* Optional and additional standard at the discretion of the HOD.</p> <p><i>Please Note:</i> students taking Year 12 Visual Art in more than one field can only be assessed for 2.5 once.</p>															
<b>Cost/Equipment:</b>	Own 35mm SLR Digital camera (at least 10 megapixel – must be able to be operated manually) [see HOD for camera sheet] Course fee of \$150 which covers materials and printing (including on photographic paper). Fee must be paid by the end of the first week.															

12 ART HISTORY		12ARH		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	NCEA Level 1 Art or 12 credits NCEA Level 1 English or History.	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	French 19 <sup>th</sup> Century & New Zealand Art.	Internal	12	0
<b>Learning strategies:</b>	Research, practical work, Art Gallery visits and essay writing.	External	8	20
<b>Assessment:</b>	Achievement Standards 2.1 Examine the effects of formal elements of art works [External, 4 credits] 2.2 Examine the meanings conveyed by art works [External, 4 credits] 2.3 Examine the influence of context(s) on art works [External, 4 credits] <i>* Students will select 2 of the 3 available external standards.</i> 2.4 Examine how media are used to create effects in art works [Internal, 4 credits] 2.5 Communicate understanding of an art history topic [Internal, 4 credits] 2.6 Respond to art works [Internal, 4 credits] 2.7 Demonstrate understanding of art works in relation to the physical environments in which they are seen [Internal, 4 credits] <i>** Only 3 internal standards will be offered at the discretion of the HOD.</i>			
<b>Cost/Equipment:</b>	\$20 Workbook			

13 ART HISTORY		13ARH														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>11</td> <td>0</td> </tr> <tr> <td>External</td> <td>13</td> <td>24</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	11	0	External	13	24
Credits available																
L3	AS	US														
Internal	11	0														
External	13	24														
<b>Pre requisite:</b>	NCEA Level 2 Art History (12 credits) <u>or</u> NCEA Level 2 English <u>or</u> NCEA Level 2 History															
<b>Main area of study:</b>	This course covers selected modern art topics. (Cubism and Abstraction, American Art since 1945 and New Zealand Art). Analysis and interpretation of art works, techniques and meanings are explored in the cultural and historical context of the 20th Century.															
<b>Learning strategies:</b>	Research, art gallery visits and essay writing.															
<b>Assessment:</b>	Achievement Standards 90490 Analyse style in art [External, 5 credits] 90491 Describe the meaning of iconographical motifs [External, 4 credits] 90492 Examine media and processes in art [Internal, 3 credits] 90493 Explain a theory and its role in art [Internal, 4 credits] 90494 Investigate an art issue [Internal, 4 credits] 90495 Examine the context of an art movement [External, 4 credits]															
<b>Cost/Equipment:</b>	Fees to Gallery Exhibitions/bus hire. \$20 Workbook															

13 ART DESIGN		13ARD														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>6</td> <td>0</td> </tr> <tr> <td>External</td> <td>14</td> <td>20*</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	6	0	External	14	20*
Credits available																
L3	AS	US														
Internal	6	0														
External	14	20*														
<b>Pre requisite:</b>	12 credits NCEA Level 2 Art Design or 12 credits in NCEA Level 2 Photography and approval of the HOD.															
<b>Main area of study:</b>	Research an art-making approach and apply these methods and ideas to a practical investigation.															
<b>Learning strategies:</b>	Research and practical work.															
<b>Assessment:</b>	Achievement Standards 90516 Investigate and use ideas and methods in the context of a drawing study in design [Internal, 6 credits] 90517 Produce original work within design to show extensive knowledge of art-making methods and ideas [External, 14 credits] 90515* Research and analyse approaches within established design practice [Internal, 4 credits] <i>* Entry to this standard will be at the discretion of the HOD</i>															
<b>Cost/Equipment:</b>	\$100 Materials and printing (includes \$80 printing and three A1 boards and courier to Wellington).															

13 PAINTING		13PAI		
<b>Qualification:</b>	NCEA Level 3 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	12 credits NCEA Level 2 Painting.	<b>L3</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Research an art-making approach and apply these methods and ideas to a practical investigation.	Internal	6	0
<b>Learning strategies:</b>	Research and practical work.	External	14	20*
<b>Assessment:</b>	Achievement Standards 90663 Investigate and use ideas and methods in the context of a drawing study in painting [Internal, 6 credits] 90667 Produce original work within painting to show extensive knowledge of art-making methods and ideas [External, 14 credits] 90659* Research and analyse approaches within established painting practice [Internal, 4 credits] * <i>Entry to this standard will be at the discretion of the HOD</i>			
<b>Cost/Equipment:</b>	\$60 Materials (includes \$10 printing and three A1 boards and courier to Wellington).			

13 PHOTOGRAPHY		13PHO		
<b>Qualification:</b>	NCEA Level 3 credits	<b>Credits available</b>		
<b>Pre requisites:</b>	12 credits in NCEA Level 2 Photography or 12 credits in NCEA Level 2 Design and approval by the HOD.	<b>L3</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Research an art-making approach and apply these methods and ideas to a practical investigation.	Internal	6	0
<b>Learning strategies:</b>	Research and practical work.	External	14	20
<b>Assessment:</b>	Achievement Standards 90664 Investigate and use ideas and methods in the context of a drawing study in photography [Internal, 6 credits] 90668 Produce original work within photography to show extensive knowledge of art-making methods and ideas [External, 14 credits] 90660* Research and analyse approaches within established photography practice [Internal, 4 credits] * <i>Entry to this standard will be at the discretion of the HOD</i>			
<b>Cost/Equipment:</b>	Course fee charged of \$170 which covers materials and printing (including on photographic paper and three A1 boards and courier to Wellington). Fee must be paid by the end of February. Own 10 megapixel or better digital SLR camera [see HOD for camera sheet].			

YEAR 10 DRAMA		10DRA		
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Improvisation</li> <li>• Devising Drama – Social Issues</li> <li>• Theatre Study</li> <li>• Drama techniques</li> </ul>	<b>Credits available</b>		
		L1	AS	US
<b>Learning strategies:</b>	Game playing – Theatresports/games, thinking and co-ordination games; Role plays; Expression using movement; Script writing; Creating performance; Creating a character; Learning a role.	Internal	4	0
		External	0	4
<b>Assessment:</b>	Standards Based Assessment			
	90006 Use drama techniques [Internal, 4 credits]			
<b>Cost/Equipment:</b>	\$10 (play tickets for touring performances)			

YEAR 11 DRAMA		11DRA		
<b>Qualification:</b>	NCEA Level 1 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Merit or above for Year 10 Devising and Year 10 Improvisation and Achieved or above in Year 10 Drama exam.	L1	AS	US
		Internal	14	0
<b>Main area of study:</b>	Theatre Study – Greek Theatre Script analysis and performance Devising Drama – Historical theme	External	4	18*
<b>Learning strategies:</b>	Developing disciplined exercises for voice and body; Thinking and co-ordination games; Role playing; Expression using movement and voice; Script writing, Creating performance, Creating a character; Learning a role; Production tasks.			
<b>Assessment:</b>	Achievement Standards:			
	90997 Devise and perform a drama [Internal, 5 credits, Literacy]			
	90998 Demonstrate understanding of features of a drama/theatre form [External, 4 credits, Literacy]			
	90999 Select and use features of a drama/theatre form in a performance [Internal, 4 credits, Literacy]			
	90009 Perform an acting role in a scripted production [Internal, 5 credits, Literacy]			
	90011* Demonstrate understanding of the use of drama aspects within live performance [External, 4 credits, Literacy]			
	<i>*Standard offered as an extension exercise for students at HOD discretion.</i>			
<b>Cost/Equipment:</b>	\$25 (Play tickets to experience live theatre)			

YEAR 12 DRAMA		12DRA														
<b>Qualification:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>14</td> <td>0</td> </tr> <tr> <td>External</td> <td>4</td> <td>18*</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	14	0	External	4	18*
Credits available																
L2	AS	US														
Internal	14	0														
External	4	18*														
<b>Pre requisite:</b>	Merit or above in AS90998 (Greek), AS90009 (Earnest scenes), and AS90997 (Devising)															
<b>Main area of study:</b>	Shakespeare Devising Drama Public Performance															
<b>Learning strategies:</b>	Developing disciplined exercises for voice and body; Thinking and co-ordination games; Role playing; Physical expression of character; Vocal production in terms of role and theatre genre, Script writing; Developing scenarios; Creating performance; Creating a character; Learning a role; Production tasks.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>2.2 Devise and perform a drama to realise an intention [Internal, 5 credits]</p> <p>2.4 Perform features of a complex drama/theatre form [Internal, 4 credits]</p> <p>2.6 Perform a substantial acting role in a scripted production [Internal, 5 credits]</p> <p>2.3 Discuss a drama/theatre form or period with reference to text [External, 4 credits]</p> <p>2.7* Discuss drama element, techniques, conventions and technologies within live performance [External, 4 credits]</p> <p>* <i>Standard offered at HOD discretion.</i></p>															
<b>Cost/Equipment:</b>	\$25 (Play tickets to answer external 2.7)															

YEAR 13 DRAMA		13DRA														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>16</td> <td>0</td> </tr> <tr> <td>External</td> <td>8</td> <td>24</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	16	0	External	8	24
Credits available																
L3	AS	US														
Internal	16	0														
External	8	24														
<b>Pre requisite:</b>	By approval of HOD and Merit or above in AS90303 (Shakespeare).															
<b>Main area of study:</b>	Study of absurdist theatre, public performances, Arthur Miller study.															
<b>Learning strategies:</b>	Developing disciplined exercises for voice and body; Thinking and co ordination games; Role playing; Physical expression of character; Vocal production in terms of role and theatre genre; Script writing and interpretation; Developing scenarios; Creating performance, Creating a character; Learning a role, Production tasks.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90608 Interpret scripted text and integrate drama techniques in solo or paired performance [Internal, 5 credits]</p> <p>90609 Devise, script and perform drama for solo, duo or trio performance [Internal, 5 credits]</p> <p>90610 Demonstrate knowledge of theatre form or period by analysing and interpreting two scripted texts [External, 4 credits]</p> <p>90611 Research and carry out a performance of technical/production role in a significant production [Internal, 6 credits]</p> <p>90612 Analyse drama processes in a new context and reflect critically on drama performance [External, 4 credits]</p>															
<b>Cost/Equipment:</b>	\$50 (Play tickets to answer external 90612)															

YEAR 10 MUSIC		10MUS
<b>Pre requisite:</b>	To be learning a musical instrument	
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Individual performance on a selected instrument (acoustic)</li> <li>• Blues Music</li> <li>• Melody composition</li> <li>• Performance as part of a group</li> </ul>	
<b>Learning strategies:</b>	Study of music directly relating to personal instrument and style. Some instruction on compositional techniques. Writing and performance of a small (32 bar) composition.	
<b>Assessment:</b>	All performances/compositions	
<b>Equipment:</b>	N/A	

YEAR 11 MUSIC		11MUS												
<b>Qualifications:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>16</td> <td>0</td> </tr> <tr> <td>External</td> <td>8</td> <td>24</td> </tr> </tbody> </table>	Credits available			L1	AS	US	Internal	16	0	External	8	24
Credits available														
L1	AS		US											
Internal	16	0												
External	8	24												
<b>Pre requisites:</b>	Grade 3 theory knowledge plus ability to perform on a musical instrument (including the voice). Students taking this course should be having lessons from a private tutor or a school itinerant music teacher and be able to read and write music.													
<b>Main area of study:</b>	Performance as a soloist and within groups; composition.													
<b>Learning strategies:</b>	Practical work and concert performances; theory lessons; listening activities.													
<b>Assessment:</b>	Achievement Standards 91090 Perform two pieces of music as a featured soloist [Internal, 6 credits] 91091 Demonstrate ensemble skills through performing a piece of music as a member of a group [Internal, 4 credits] 91093 Demonstrate notation skills through transcription [External, 4 credits] 91094 Demonstrate knowledge of conventions used in music scores [External, 4 credits, Literacy] 91092* Compose two original pieces of music [Internal, 6 credits] 91095* Demonstrate knowledge of two music works from contrasting contexts [Internal, 6 credits, Literacy] * All music students will take AS91090, 91091, 91093 and 91094 plus either 91092 or 91095.													
<b>Cost/Equipment:</b>	\$20 Materials													

YEAR 12 MUSIC		12MUS														
<b>Qualifications:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>18*</td> <td>0</td> </tr> <tr> <td>External</td> <td>8</td> <td>26*</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	18*	0	External	8	26*
Credits available																
L2	AS				US											
Internal	18*	0														
External	8	26*														
<b>Pre requisites:</b>	3 years study of a musical instrument and a minimum of 20 NCEA Level 1 Music credits or with HOD approval.															
<b>Main area of study:</b>	Performance, melody/chords, arrangement, analysis, research, ear training, composition.															
<b>Learning strategies:</b>	Learning through doing (performance, composition, arranging, research etc).															
<b>Assessment:</b>	Achievement Standards															
	<p>Making Music:</p> <p>2.1 Perform two substantial pieces of music as a featured soloist [Internal, 6 credits]</p> <p>2.2* Perform a substantial piece of music as a featured soloist on a second instrument [Internal, 3 credits]</p> <p>2.3 Demonstrate ensemble skills by performing a substantial piece of music as a member of a group [Internal, 4 credits]</p> <p>2.4** Compose two substantial pieces of music [Internal, 6 credits]</p> <p>2.5 Demonstrate aural skill through written representation [External, 4 credits]</p> <p>Music Studies:</p> <p>2.6 Demonstrate knowledge of conventions in a range of music scores [External 4 credits]</p> <p>2.8 Devise an instrumentation for an ensemble [Internal, 4 credits]</p> <p>2.9** Investigate an aspect of New Zealand music [Internal, 4 credits]</p> <p>Note: All students will take 2.1, 2.3, 2.5, 2.6 and 2.8 plus</p> <p>* Students who wish to perform on a second instrument may take 2.2 however the selected instrument must be at the same level as the primary instrument.</p> <p>** Students will take either 2.4 or 2.9 depending on the individual's need.</p>															
<b>Cost/Equipment:</b>	Own instrument preferred. \$20 Materials															

<b>YEAR 13 MUSIC</b>	<b>13MUS</b>
----------------------	--------------

<b>Qualifications:</b>	NCEA Level 3 credits
<b>Pre requisites:</b>	4 years learning a musical instrument and 20 credits in NCEA Level 2 Music or by approval of the HOD.
<b>Main area of study:</b>	Performance; composition; arranging; aural perception; harmonic and tonal analysis; history & analysis of set works. (Practical and theoretical skills are covered in order to equip students for tertiary study)
<b>Learning strategies:</b>	Performance – practical; composition and arranging – pre-tasks and practical; Aural – practical (eg. singing intervals and sight-singing); writing; harmony and counterpoint and analysing different styles; Musical history and analysis – collective analysis in class, personal research, and essay writing.
<b>Assessment:</b>	Achievement Standards <i>Note:</i> The Head of Department will advise students whether entry to specific achievement standards is appropriate.

**Making Music:**

90526 Present a performance of a programme of music as a member of a group  
[Internal, 4 credits]

90775 Present a portfolio of musical composition  
[Internal, 8 credits]

90776 Prepare and present performances of music as a featured soloist [Internal, 8 credits]

90777 Demonstrate aural skill across a range of music styles and genres [External, 4 credits]

<b>Credits available</b>		
L3	AS	US
Internal	20	0
External	4	24

**Music Studies:**

90497 Examine the contexts that influence the expressive qualities of music [Internal, 3 credits]

90498 Compare and contrast music works  
[External, 8 credits]

90499 Research and present a music topic  
[Internal, 6 credits]

90530 Demonstrate an understanding of harmonic and tonal procedures in a range of music [External, 3 credits]

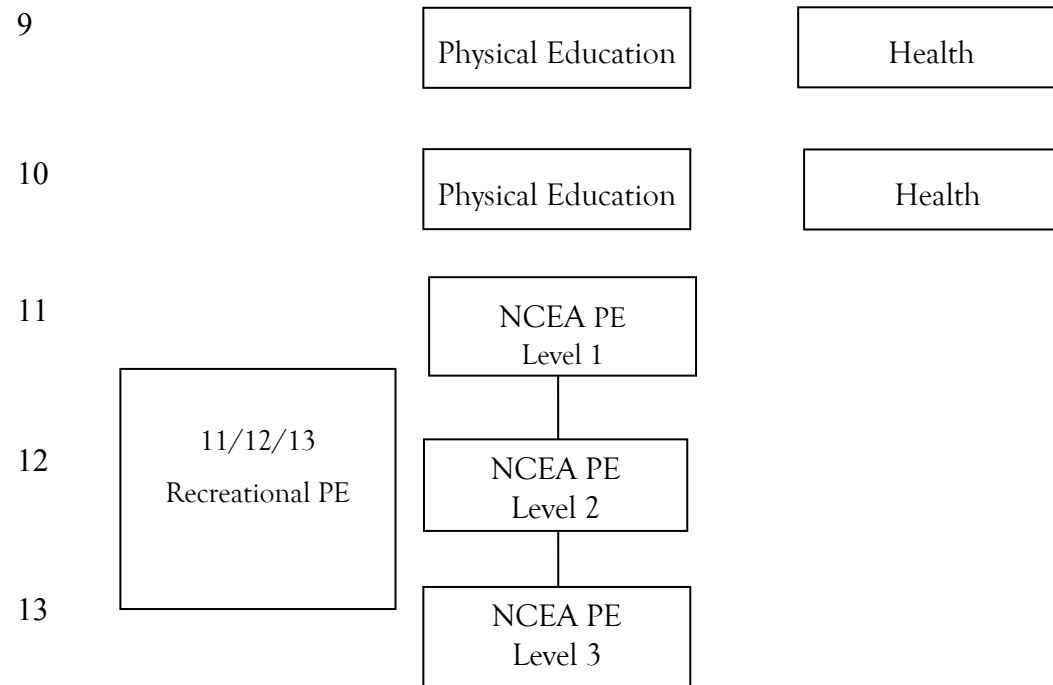
90527 Arrange music [Internal, 4 credits, Music Studies]

<b>Credits available</b>		
L3	AS	US
Internal	13	0
External	11	24

**Cost/Equipment:** \$20 Materials

**Please note:** Students who intend to enter a full course in both music domains (Making Music and Music Studies) require approval from the HOD and Dean. It should be noted that only Music Studies is an approved university entrance subject. However, students interested in pursuing music performance beyond secondary school are advised to develop their performance skills further through the Making Music standards.

## PHYSICAL EDUCATION & HEALTH



**Note:** 1. In addition to the courses listed, a Health programme is delivered to all Year 12 students.  
2. There are minimal credits attached to Recreational Physical Education.

## Criteria for Advancement 2012

Subject	Level	Entry Requirements
Physical Education	1	Satisfactory completion of Year 10 Physical Education with endorsement of subject teacher and approval of the HOD.
Physical Education	2	Satisfactory completion of Level 1 NCEA Physical Education, achieving a significant number of credits and with subject teacher endorsement.
Physical Education	3	Satisfactory completion of Level 2 NCEA Physical Education achieving a significant number of credits and with subject teacher endorsement.

Entry into senior courses is based on the individual student's achievement in that, or related, subjects. It may be possible to waive an entry requirement in specific cases after consultation with HOD and the Dean of the level.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

YEAR 10 HEALTH		10HEA
<b>Main area of study:</b>	Hauora (total wellbeing), alcohol and drugs, sexuality education and life skills.	
<b>Learning Strategies:</b>	<ul style="list-style-type: none"> <li>• Activity sheets</li> <li>• role plays</li> <li>• scenarios</li> <li>• descriptive writing</li> <li>• decision making</li> <li>• research</li> <li>• book work</li> </ul>	
<b>Assessment:</b>	Tests, assignments, group tasks.	
<b>Equipment:</b>	Profile booklet \$12 (approximately)	

YEAR 10 PHYSICAL EDUCATION		10PED
<b>Main area of study:</b>	Consists of four modules of work: <ul style="list-style-type: none"> <li>• Benefits of being active</li> <li>• Interpersonal skills / risk management</li> <li>• Expression of movement</li> <li>• Performance improvement</li> </ul> Within these modules student activities will include: aquatics, fitness, target games, net or wall games, striking and field games, invasion games, dance, team building activities, orienteering and EOTC (Education Outside the Classroom).	
<b>Learning strategies:</b>	Explanation, participation, decision making and social responsibility.	
<b>Assessment:</b>	Achievement based.	
<b>Equipment:</b>	Northcote College PE Uniform	

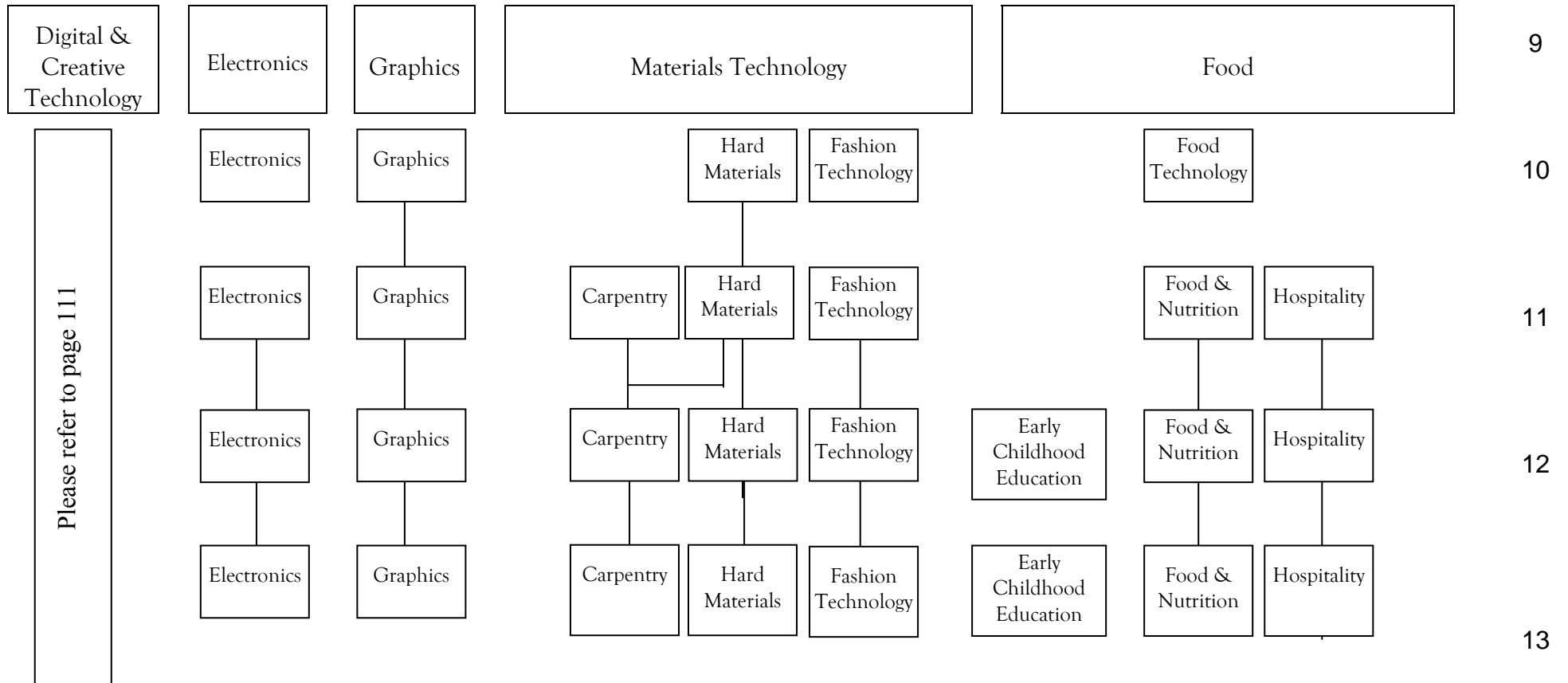
YEAR 11 NCEA PHYSICAL EDUCATION		11PED														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>17</td> <td>0</td> </tr> <tr> <td>External</td> <td>0</td> <td>17*</td> </tr> </tbody> </table>			Credits available			L1	AS	US	Internal	17	0	External	0	17*
Credits available																
L1	AS	US														
Internal	17	0														
External	0	17*														
<b>Pre requisite:</b>	Satisfactory completion of Year 10 Physical Education with endorsement of subject teacher and approval of the HOD.															
<b>Learning strategies:</b>	Written and practical activities															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90962 Participate actively in a variety of physical activities and explain factors that influence own participation [Internal, 5 credits]</p> <p>90963 Describe the function of the body as it relates to the performance of physical activity [Internal, 5 credits, Literacy]</p> <p>90964 Demonstrate quality movement in the performance of a physical activity [Internal, 3 credits]</p> <p>90966 Demonstrate interpersonal skills in a group and explain how these skills impact on others [Internal, 4 credits, Literacy]</p> <p>* <i>The following standards may be offered at the discretion of the Teacher in Charge</i></p> <p>90967* Demonstrate strategies to improve the performance of a physical activity and describe the outcomes [Internal, 3 credits, Literacy]</p> <p>90969* Take purposeful action to assist others to participate in physical activity [Internal, 2 credits]</p>															
<b>Equipment:</b>	Northcote College PE Uniform Workbook \$20															

YEAR 12 NCEA PHYSICAL EDUCATION		12PED												
<b>Qualification:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>20</td> <td>0</td> </tr> <tr> <td>External</td> <td>0</td> <td>20</td> </tr> </tbody> </table>	Credits available			L2	AS	US	Internal	20	0	External	0	20
Credits available														
L2	AS	US												
Internal	20	0												
External	0	20												
<b>Pre requisite:</b>	Satisfactory completion of Level 1 NCEA Physical Education, achieving a significant number of credits and with subject teacher endorsement.													
<b>Learning strategies:</b>	Classroom based lectures, investigation, practical application of skills, outdoor education and experience of a leadership role.													
<b>Assessment:</b>	<p>Achievement Standards:</p> <p>2.1 Demonstrate understanding of the role and significance of physical activity in the lives of young people in New Zealand [Internal, 3 credits]</p> <p>2.2 Demonstrate understanding of how biophysical principles relate to the learning of physical skills [Internal, 5 credits]</p> <p>2.3 Demonstrate understanding of the application of biophysical principles to training for physical activity [Internal, 4 credits]</p> <p>2.4 Perform a physical activity in an applied setting [Internal, 4 credits]</p> <p>2.6 Demonstrate understanding of leadership strategies that contributes to the effective functioning of a group [Internal, 4 credits]</p>													
<b>Cost/Equipment:</b>	Northcote College PE uniform Workbooks and course related costs \$40													

YEAR 13 NCEA PHYSICAL EDUCATION		13PED												
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>20</td> <td>0</td> </tr> <tr> <td>External</td> <td>0</td> <td>20*</td> </tr> </tbody> </table>	Credits available			L3	AS	US	Internal	20	0	External	0	20*
Credits available														
L3	AS	US												
Internal	20	0												
External	0	20*												
<b>Pre requisite:</b>	Satisfactory completion of Level 2 NCEA Physical Education achieving a significant number of credits and with subject teacher endorsement.													
<b>Learning strategies:</b>	Lectures, practical group work, research and participation in physical activities.													
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90739 Apply knowledge to plan a physical activity programme or experience [Internal, 3 credits]</p> <p>90740 Explain the effectiveness of a physical activity programme and its influence on hauora and wellbeing [Internal, 3 credits]</p> <p>90741 Appraise performance and review a programme for performance improvement, for self or others [Internal, 5 credits]</p> <p>90742 Perform a physical activity to nationally developed performance standards [Internal, 4 credits]</p> <p>90744 Examine physical activity and take action to influence the participation of others [Internal, 5 credits]</p> <p><i>If time permits the following standard will be offered:</i></p> <p>90743* Examine a current physical activity or issue, impacting on New Zealand society [Internal, 4 credits]</p>													
<b>Cost/Equipment:</b>	Approx \$150 associated with Golf Module													

RECREATIONAL PHYSICAL EDUCATION		11/12/13RPE														
<b>Qualification:</b>	Optional NCEA standards may be offered.	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>5</td> <td>0</td> </tr> <tr> <td>External</td> <td>0</td> <td>5</td> </tr> </tbody> </table>			Credits available			L1	AS	US	Internal	5	0	External	0	5
Credits available																
L1	AS	US														
Internal	5	0														
External	0	5														
<b>Pre requisite:</b>	None In this course students will participate in a variety of summer and winter team and individual activities. When involved in these activities the students will develop individual skills and techniques. In addition students will work on the development of interpersonal skills, cooperation with others and leadership through the sports education module.															
<b>Learning strategies:</b>	Lectures, group work, practical application of skills.															
<b>Assessment:</b>	90964* Demonstrate quality movement in the performance of a physical activity [Level 1, Internal, 3 credits] 90969* Take purposeful action to assist others to participate in physical activity [Level 1, Internal, 2 credits] * Optional standards at discretion of HOD															
<b>Equipment:</b>	Year 11/12 Northcote College PE Uniform															

# TECHNOLOGY



As some Technology courses offer some of the same achievement standards any student thinking of taking more than one Technology achievement standards course (Fashion, Hard Materials, Electronics, Digital & Creative Technology/ICT) must discuss their plans with the Head of Technology.

### Criteria for Advancement 2012

Subject	Level	Entry Requirements
Carpentry	1	Open entry but Year 10 Hard Materials Technology preferred.
Electronics	1	Minimum of 'Achieved' in each of the five areas of Year 10 Mathematics and 'Achieved' grade in Year 10 Science or Year 10 Electronics
Fashion Technology	1	Open entry
Food & Nutrition	1	Year 10 Food Technology recommended
Graphics	1	Minimum of 'Achieved' in at least one of the two Year 10 Graphics assignments
Hard Materials	1	Minimum of 'Achieved' in at least one of the two Year 10 Hard Materials Technology assignments
Hospitality	1	Open entry but Year 10 Food Technology recommended.
Carpentry	2	Open entry but school workshop experience preferred
Early Childhood Education	2	Open entry
Electronics	2	12 credits from NCEA Level 1 Electronics, or Science and Mathematics
Fashion Technology	2	Level 1 Fashion Technology recommended
Food & Nutrition	2	12 credits in NCEA Food & Nutrition or Science Level 1
Graphics	2	Minimum of 10 credits in NCEA Graphics Level 1
Hard Materials	2	10 credits in NCEA Hard Materials Technology Level 1
Hospitality	2	Year 11 Hospitality recommended
Carpentry	3	Open entry but school workshop experience preferred.
Early Childhood Education	2/3	Open entry
Electronics	3	12 credits in NCEA Electronics or Physics Level 2
Fashion	3	NCEA Fashion Technology Level 2 recommended
Food & Nutrition	3	12 credits in NCEA Food & Nutrition or Science Level 2
Graphics	3	10 credits in NCEA Graphics Level 2
Hard Materials	3	10 credits from Level 2 Hard Materials or 16 credits from Level 1 Hard Materials
Hospitality	3	Unit Standard 167 Food Safety essential

Entry into senior courses is based on the individual student's achievement in that, or related, subjects. It may be possible to waive an entry requirement in specific cases after consultation with the Head of Technology and the Dean of the level.

**Please note:** Students are not able to take Food and Nutrition as well as Hospitality in any one year. You must choose one or the other.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

<b>YEAR 10 ELECTRONICS</b>		<b>10ELE</b>
<b>Main area of study:</b>	The use of electronic systems and devices, their design, construction and production, and the principles of programming micro controllers.	
<b>Learning strategies:</b>	Problem solving in use and assembly of electronic circuits.	
<b>Assessment:</b>	At Level 5 of the New Zealand Curriculum.	
<b>Cost/Equipment:</b>	\$50.00 Materials	
<hr/>		
<b>YEAR 10 FASHION &amp; TEXTILES TECHNOLOGY</b>		<b>10FAS</b>
<b>Main area of study:</b>	Students work from a brief to develop textile items or garments for themselves. There are three major projects over the year. Students also investigate fabric types and learn about how they are made. Skills are developed in the use of the sewing machine and overlocker, pattern use and adaptation, basic sewing procedures such as zips, seams, darts, pockets and fabric decoration, including screen printing and machine embroidery.	
<b>Learning strategies:</b>	Research, decision making, design development, skill development, team work, analysis of existing products, time planning, photo diaries and evaluation of own practice.	
<b>Assessment:</b>	At Level 5 of the New Zealand Curriculum.	
<b>Cost/Equipment:</b>	A4 file \$30 to cover basic resources and consumables Students will need to buy own fabrics and patterns.	
<hr/>		
<b>YEAR 10 FOOD TECHNOLOGY</b>		<b>10FOO</b>
<b>Main area of study:</b>	Management skills, personal hygiene and safe food handling. Developing new food products. Basic nutrition and making healthy food choices.	
<b>Learning strategies:</b>	Practicals, group work, note taking and discussion, videos.	
<b>Assessment:</b>	At Level 5 of the New Zealand Curriculum	
<b>Cost/Equipment:</b>	\$30 per term (\$120/year) to cover cost of foods used. Strong covered shoes for practical lessons.	

<b>YEAR 10 GRAPHICS</b>		<b>10GRA</b>
<b>Main area of study:</b>	Orthographic (2D) drawing and presentation (3D) drawing, design principles and process, introductory architectural, technological and media designing.	
<b>Learning strategies:</b>	Reading and interpreting pictorial and orthographic drawings. Producing freehand and instrumental drawings. Use of colour and a range of media to present work in easily understandable and attractive ways.	
<b>Assessment:</b>	At Level 5 of the New Zealand Curriculum	
<b>Cost/Equipment:</b>	\$16.00 (print charges included)	

<b>YEAR 10 HARD MATERIALS (TECHNOLOGY)</b>		<b>10HMT</b>
<b>Main area of study:</b>	Responding to technological issues, through: planning, adapting a brief, research, designing, modelling, manufacturing and evaluation.	
<b>Learning strategies:</b>	Investigating and producing prototype solutions, with appropriate supporting written documentation.	
<b>Assessment:</b>	At Level 5 of the New Zealand Curriculum	
<b>Cost/Equipment:</b>	\$35 (print charges included)	

<b>YEAR 11 CARPENTRY</b>		<b>11CPY</b>												
<b>Qualification:</b>	Level 1 Unit Standard credits delivered in partnership with Building & Construction Industry Training Organisation (BCITO), towards the National Certificate in Carpentry.	<table border="1"> <thead> <tr> <th colspan="3"><b>Credits available</b></th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>0</td> <td>17</td> </tr> <tr> <td>External</td> <td>0</td> <td>17</td> </tr> </tbody> </table>	<b>Credits available</b>			L1	AS	US	Internal	0	17	External	0	17
<b>Credits available</b>														
L1	AS	US												
Internal	0	17												
External	0	17												
<b>Pre requisite:</b>	Open entry, but Year 10 Hard Materials preferred.													
<b>Main area of study:</b>	An introduction to working safely in a work place or site, using hand tools to shape timber, using basic woodworking machines, and assembly and finishing techniques.													
<b>Learning strategies:</b>	The study of, selection and application of suitable materials, tools, processes in a practical setting.													
<b>Assessment:</b>	BCITO Level 1 Unit Standards 24352 Demonstrate knowledge of and apply safe working practices in the construction of a Building, Construction, and Allied Trade Skills (BCATS) project [Internal, 2 credits] 24355 Demonstrate knowledge of construction and manufacturing materials used in BCATS projects [Internal, 4 credits] 24356 Apply elementary workshop procedures and processes for BCATS projects [Internal, 8 credits] 25920 use joints for a BCATS project [Internal, 3 credits]													
<b>Cost/Equipment:</b>	\$50.00 [print charges included]													

YEAR 11 ELECTRONICS		11ELE														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>10</td> <td>0</td> </tr> <tr> <td>External</td> <td>8</td> <td rowspan="2">18</td> </tr> </tbody> </table>			Credits available			L1	AS	US	Internal	10	0	External	8	18
Credits available																
L1	AS	US														
Internal	10	0														
External	8	18														
<b>Pre requisite:</b>	Average of 'Achieved' in Year 10 Mathematics, Science or Electronics															
<b>Main area of study:</b>	Linking electronic components to electronic system function. Practical skills in soldering and constructing working electrical systems. Programming micro-controllers. Applying CAD to circuit construction.															
<b>Learning strategies:</b>	Problem solving, circuit construction, research, use of computer modelling.															
<b>Assessment:</b>	At Level 6 of the New Zealand Curriculum 91048 Demonstrate understanding of how technological modelling supports decision-making [External, 4 credits, Literacy] 91049 Demonstrate understanding of how materials enable technological products to function [External, 4 credits, Literacy] 91052 Demonstrate understanding of the ways a technological outcome, people and social and physical environments interact [Internal, 4 credits, Literacy] 91077 Demonstrate understanding of basic concepts used in the design and construction of electronic environments [Internal, 3 credits] 91079 Implement basic techniques in constructing a specified electronic and embedded system [Internal, 3 credits]															
<b>Cost/Equipment:</b>	\$60 Materials															

YEAR 11 FASHION TECHNOLOGY		11FAS														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>16</td> <td>0</td> </tr> <tr> <td>External</td> <td>4</td> <td>20</td> </tr> </tbody> </table>			Credits available			L1	AS	US	Internal	16	0	External	4	20
Credits available																
L1	AS	US														
Internal	16	0														
External	4	20														
<b>Pre requisite:</b>	Year 10 Fashion recommended															
<b>Main area of study:</b>	This course introduces students to basic block patterns. They will learn how to use a skirt block pattern to create a range of skirt styles. Students will use fashion drawing techniques and half scale modelling of design ideas to create a concept design. Their own skirt design will then be developed into a full scale skirt and co-ordinating top. Students will also build up their sewing skills, range of techniques and fabric knowledge to be able to select fabric suitable for their style. Decorative techniques such as machine embroidery, gathering and top stitching may be applied to the final design.															
<b>Learning strategies:</b>	Practical skills development, research, decision making, concept development, skill development, consultation with stakeholders, time planning, photo diaries and evaluation of own practice.															
<b>Assessment:</b>	<p>At Level 6 of the New Zealand Curriculum</p> <p>Students build up portfolios of work to present for assessment of the achievement standards. Evidence for the external standard is collected as an integral part of each internal standard and collated with a supporting report at the end of the year.</p> <p>Achievement Standards:</p> <p>91046 Demonstrate the use of design ideas to produce a conceptual design for an outcome [Internal, 6 credits]</p> <p>91047 Undertake development to make a prototype to address a brief [Internal, 6 credits]</p> <p>91049 Demonstrate understanding of how materials enable technological products to function [External, 4 credits]</p> <p>91060 Demonstrate understanding of basic concepts used to make products from textile materials [Internal, 4 credits, Literacy]</p>															
<b>Cost/Equipment:</b>	<p>\$30 to cover basic resources and consumables.</p> <p>Students purchase own fabric for final design.</p> <p>A3 clear file, quick unpick, 2B pencil, pencil crayons, black fineliner 0.2 and an A3 sketch pad.</p>															

<b>YEAR 11 FOOD &amp; NUTRITION</b>		<b>11FOO</b>														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3"><b>Credits available</b></th> </tr> <tr> <th><b>L1</b></th> <th><b>AS</b></th> <th><b>US</b></th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>15</td> <td>0</td> </tr> <tr> <td>External</td> <td>4</td> <td><b>19</b></td> </tr> </tbody> </table>			<b>Credits available</b>			<b>L1</b>	<b>AS</b>	<b>US</b>	Internal	15	0	External	4	<b>19</b>
<b>Credits available</b>																
<b>L1</b>	<b>AS</b>	<b>US</b>														
Internal	15	0														
External	4	<b>19</b>														
<b>Pre requisite:</b>	Year 10 Food Technology recommended															
<b>Main area of study:</b>	Food hygiene, adolescent nutritional needs, cultural influences on eating patterns, making healthy food choices, meal planning, practical skills.															
<b>Learning strategies:</b>	Research, practicals, decision making, videos, group work, discussions.															
<b>Assessment:</b>	<p>At Level 6 of the NZ Curriculum Achievement Standards</p> <p>90956 Demonstrate knowledge of an individual's nutritional needs [Internal, 5 credits]</p> <p>90958 Describe how cultural practices influence eating patterns in New Zealand [Internal, 5 credits, Literacy]</p> <p>90959 Demonstrate knowledge of practices and strategies to address food handling issues [Internal, 5 credits, Literacy]</p> <p>90961 Demonstrate understanding of how packaging information influences an individual's food choices and well being [External, 4 credits, Literacy]</p>															
<b>Cost/Equipment:</b>	<p>\$30.00 per term (\$120/year) for food costs</p> <p>Workbooks included</p> <p>Strong covered shoes for practical lessons.</p>															

<b>YEAR 11 GRAPHICS</b>		<b>11GRA</b>		
<b>Qualification:</b>	NCEA Level 1 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Minimum 'Achieved' in at least one of the two Year 10 Graphics assignments.	<b>L1</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Graphic communication and design, environmental and architectural design, technological and engineering design.	Internal	9	0
<b>Learning strategies:</b>	The application of the design process and graphic communication of general and technical information appropriate to a product or context. Solving design problems relating to people and their environment.	External	9	18
<b>Assessment:</b>	At Level 6 of the New Zealand Curriculum Achievement Standards: 91063 Produce freehand sketches that communicate design ideas [External, 3 credits] 91064 Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas [External, 3 credits, Numeracy] 91065 Produce instrumental para-line drawings to communicate design ideas [External, 3 credits, Numeracy] 91066 Use rendering techniques to communicate the form of design ideas [Internal, 3 credits] 91668 Undertake development of design ideas through graphics practice [Internal, 6 credits]			
<b>Cost/Equipment:</b>	\$30.00 (print charges included)			

YEAR 11 HARD MATERIALS TECHNOLOGY		11HMT														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>16</td> <td>0</td> </tr> <tr> <td>External</td> <td>4</td> <td>20</td> </tr> </tbody> </table>			Credits available			L1	AS	US	Internal	16	0	External	4	20
Credits available																
L1	AS	US														
Internal	16	0														
External	4	20														
<b>Pre requisite:</b>	Minimum 'Achieved' in at least one of the two Year 10 Hard Materials Technology assignments.															
<b>Main area of study:</b>	Researching and responding to technological issues, through planning, research, writing a brief, designing, modelling, manufacturing, testing and evaluation.															
<b>Learning strategies:</b>	Investigating needs and producing prototype solutions, with appropriate supporting written documentation. Working with a client to make the process much more meaningful. Working in a safe manner in a school workshop.															
<b>Assessment:</b>	At Level 6 of the New Zealand Curriculum Achievement Standards: 91044 Undertake brief development to address a need or opportunity [Internal, 4 credits, Literacy] 91046 Demonstrate the use of design ideas to produce a conceptual design for an outcome [Internal, 6 credits] 91047 Undertake development to make a prototype [Internal, 6 credits] 91049 Demonstrate understanding of how materials enable technological products to function [External, 4 credits, Literacy]															
<b>Cost/Equipment:</b>	\$50.00 (print charges included)															

YEAR 11 HOSPITALITY		11HOS		
<b>Qualification:</b>	NCEA Level 1 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Year 10 Food Technology recommended.	<b>L1</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Food safety, preparing and serving meals for the hospitality industry.	Internal	0	17
<b>Learning strategies:</b>	Practicals, note-taking, workbook activities.	External	0	17*
<b>Assessment:</b>	Unit Standards (moderated by the Hospitality Standards Institute): 15620 Apply knowledge of hygiene and safety in preparation, serving and storage of food [Internal, 6 credits] 15901 Prepare and present fruit and vegetables in the hospitality industry [Internal, 2 credits] 15900 Prepare and present meat in the hospitality industry [Internal, 3 credits] 19770 Prepare and present egg and cheese dishes in the hospitality industry [Internal, 2 credits] 15919 Prepare and present hot finger food in the hospitality industry [Internal, 2 credits] 21059 Demonstrate knowledge of knife care, use, storage and carrying for the hospitality industry [Internal, 2 credits] 15921* Prepare and cook a cake, a sponge and scones in the hospitality industry [Internal, 3 credits] * <i>Standard offered at teacher discretion.</i>			
<b>Cost/Equipment:</b>	\$30 per term (\$120/year) for food costs. Workbooks included. Strong covered shoes for practical lessons.			

<b>YEAR 12 CARPENTRY</b>		<b>12CPY</b>														
<b>Qualification:</b>	Level 2 Unit Standard credits delivered in partnership with Building & Construction Industry Training Organisation (BCITO), towards the National Certificate in Carpentry.	<table border="1"> <thead> <tr> <th colspan="3"><b>Credits available</b></th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>0</td> <td>19</td> </tr> <tr> <td>External</td> <td>0</td> <td>19</td> </tr> </tbody> </table>			<b>Credits available</b>			L2	AS	US	Internal	0	19	External	0	19
<b>Credits available</b>																
L2	AS	US														
Internal	0	19														
External	0	19														
<b>Pre requisite:</b>	Open entry, but school workshop experience preferred.															
<b>Main area of study:</b>	Materials, hand tools, power tools and machinery															
<b>Learning strategies:</b>	Developing the skills necessary to choose and safely use appropriate materials, tools, and processes in construction.															
<b>Assessment:</b>	BCITO Level 2 Unit Standards 24250 Identify, select, maintain and use portable power tools for Building, Construction, and Allied Trade Skills (BCATS) projects [Internal, 6 credits] 24354 Demonstrate knowledge of and apply safe working practices in a BCATS workplace [Internal, 4 credits] 24361 Apply mathematical processes to BCATS projects [Internal, 3 credits] 25921 Make a cupboard as a BCATS project [Internal, 6 credits]															
<b>Cost/Equipment:</b>	\$50 (print charges included)															

<b>12 EARLY CHILDHOOD EDUCATION</b>		<b>12ECE</b>														
<b>Qualification:</b>	NCEA Level 1 and 2 credits	<table border="1"> <thead> <tr> <th colspan="3"><b>Credits available</b></th> </tr> <tr> <th>L1/2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>0</td> <td>20</td> </tr> <tr> <td>External</td> <td>0</td> <td>20</td> </tr> </tbody> </table>			<b>Credits available</b>			L1/2	AS	US	Internal	0	20	External	0	20
<b>Credits available</b>																
L1/2	AS	US														
Internal	0	20														
External	0	20														
<b>Pre requisite:</b>	Open Entry															
<b>Main area of study:</b>	This course is part of the Unitec Early Childhood Education Schools Partnership Programme. It offers an opportunity to develop skills and knowledge useful when working with young children.															
<b>Assessment:</b>	Unit Standards (moderated by Unitec) 10020 Describe hygiene practices and how they are applied for young children in an early childhood setting [Level 2, Internal, 2 credits] 10021 Demonstrate basic needs of young children [Level 2, Internal, 2 credits] 10022 Demonstrate knowledge of attachment behaviour in early childhood [Level 2, Internal, 2 credits] 10023 Demonstrate knowledge of settling young children [Level 2, Internal, 1 credit] 6632 Apply knowledge of age related nutrition needs in providing food for a child [Level 2, Internal, 5 credits] 10024 Describe ways to encourage good health in young children [Level 2, Internal, 2 credits] 6670 Provide short term care for a child [Level 2, Internal, 4 credits] 6401 Provide First Aid [Level 2, Internal, 1 credit] 6402 Provide resuscitation [Level 1, Internal, 1 credit]															
<b>Cost/Equipment:</b>	\$20 Materials (includes food costs for US6632)															

YEAR 12 ELECTRONICS		12ELE		
<b>Qualification:</b>	NCEA Level 2 credits, National Certificate in Electronics Technology Level 3.	<b>Credits available</b>		
<b>Pre requisite:</b>	12 credits from Level 1 Electronics, or Level 1 Science and Mathematics.	L2/3	AS	US
<b>Main area of study:</b>	Building & analysing the function of electronic circuits and their components. Practical skills such as soldering, safety and printed circuit board etching.	Internal	9	6
<b>Learning strategies:</b>	Problem solving, circuit construction & testing applications.	External	4	19*
<b>Assessment:</b>	Achievement Standards: 2.47 Advanced concepts in electronic environments [Internal, 3 credits] 2.7 Redundancy and reliability in technological systems [External, 4 credits] 2.4 Undertake effective development to make and trial a prototype [Internal, 6 credits] ETITO Unit Standards: <i>(subject to confirmation)</i> 26120 Describe and construct circuits to demonstrate the operation and properties of electronic devices [Internal, 3 credits] 26122 Demonstrate knowledge of, and build circuits using digital electronic devices that interface with ADC and DAC functions [Internal, 3 credits]			
<b>Cost/Equipment:</b>	\$30 Course manual \$60 Materials			

12 FASHION TECHNOLOGY		12FAS														
<b>Qualifications:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>16</td> <td>0</td> </tr> <tr> <td>External</td> <td>4</td> <td rowspan="2">20</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	16	0	External	4	20
Credits available																
L2	AS	US														
Internal	16	0														
External	4	20														
<b>Pre requisites:</b>	Year 11 Fashion recommended															
<b>Main area of study:</b>	<p>This course builds upon the knowledge gained at Level 1. The focus for the year is party dresses and formal evening wear. Students use basic dress pattern blocks to explore a range of styles in half scale. They will develop a concept design for a stakeholder inspired by Vintage styles and charity shop finds. Students use fashion drawing and freehand sketching to create their own style of fashion presentation. The concept will be developed into a full scale dress to fit the stakeholder, either by adapting block patterns or a commercial pattern. Fabrics are tested and evaluated for their suitability for use in the final design and student's trial a range of sewing techniques to perfect their skills.</p>															
<b>Learning Strategies:</b>	Practical skill development, research and analysis, consultation with stakeholders, concept development, time planning, half scale and full scale garment modelling, photo diaries, testing and evaluation.															
<b>Assessment:</b>	<p>At Level 7 of the New Zealand Curriculum. Students build up portfolios of work to present for assessment of the achievement standards. Evidence for the external standard is collected as an integral part of each internal standard and collated at the end of the year.</p> <p>Achievement Standards:</p> <p>2.3 Develop a conceptual design for an outcome [Internal, 6 credits]</p> <p>2.4 Undertake effective development to make and trial a prototype [Internal, 6 credits]</p> <p>2.6 Demonstrate understanding of the role of material evaluation in product development [External, 4 credits]</p> <p>2.26 Make advanced adaptations to a pattern to change the structural and/or style feature of a design [Internal, 4 credits]</p>															
<b>Cost/Equipment:</b>	<p>\$30.00 to cover basic resources and consumables.</p> <p>Students purchase own fabric for final design and patterns as required.</p> <p>A3 clear files, quick unpick, quality A3 sketchpad, 2B pencil and pencil crayons.</p>															

YEAR 12 FOOD & NUTRITION		12FOO		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre-requisite:</b>	12 credits in Level 1 Food & Nutrition or Science.	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Nutrition, meal planning, budgeting, low cost foods, nutritional concerns e.g. obesity, diabetes, vegetarianism, sports nutrition.	Internal	10	0
<b>Learning strategies:</b>	Research, practicals, practical investigations.	External	8	18
<b>Assessment:</b>	At Level 7 of the New Zealand Curriculum Achievement Standards: 2.1 Analyse issues related to the provision of food for people with specific food needs [Internal, 5 credits] 2.2 Analyse the relationship between well-being, food choices and the determinants of health [External, 4 credits] 2.3 Analyse beliefs, attitudes and practices related to a nutritional issue for families in New Zealand [Internal, 5 credits] 2.6 Evaluate health promoting strategies designed to address a nutritional need [External, 4 credits]			
<b>Cost/Equipment:</b>	\$30 per term (\$120/year) food costs Strong covered shoes for practical lessons.			

YEAR 12 GRAPHICS		12GRA		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Minimum of 10 credits in Level 1 Graphics.	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Spatial design and product design. Using a range of illustrative techniques to assist in the communication of own design ideas.	Internal	12	0
<b>Learning strategies:</b>	Applying the design process to a variety of situations; developing independent skills in finding, selecting and applying information; using a range of freehand and instrumental drawings; interpreting and producing detailed pictorial and orthographic drawings; development of skills in 2D and 3D modelling; packaging and presentation of company literature and brochures.	External	6	18
<b>Assessment:</b>	At Level 7 of the New Zealand Curriculum Achievement Standards: 2.31 Use working drawings to communicate technical details of a design [External, 3 credits] 2.32 Produce instrumental perspective projection drawings to communicate design ideas [External, 4 credits] 2.34 Develop a spatial design through graphics practice [Internal, 6 credits] 2.35 Develop a product design through graphics practice [Internal, 6 credits]			
<b>Cost/Equipment:</b>	\$30.00 (print charges included)			

YEAR 12 HARD MATERIALS TECHNOLOGY		12HMT		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	10 credits in Level 1 Hard Materials Technology	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Researching and responding to technological issues, through planning, research, designing, manufacturing, testing and evaluating.	Internal	16	0
<b>Learning strategies:</b>	Investigating and producing prototype solutions, with appropriate supporting written documentation.	External	4	20
<b>Assessment:</b>	At Level 7 of the New Zealand Curriculum Achievement Standards: 2.1 Undertake brief development to address an issue [Internal, 4 credits] 2.3 Develop a conceptual design for an outcome [Internal, 6 credits] 2.4 Undertake effective development to make and trial a prototype [Internal, 6 credits] 2.6 Demonstrate understanding of the role of material evaluation in prototype development [External, 4 credits]			
<b>Cost/Equipment:</b>	\$50 (print charges included)			

YEAR 12 HOSPITALITY		12HOS		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Year 11 Hospitality recommended.	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Food and beverage service, food preparation and presentation, food safety and hygiene. Basic First Aid.	Internal	0	19
<b>Learning strategies:</b>	Field trips, practicals, videos, note taking, investigations etc.	External	0	19
<b>Assessment:</b>	Unit Standards: ( <i>moderated by Hospitality Standards Institute</i> ) 167 v3 Practice food safety methods in a food industry [Internal, 4 credits] 13285 Handle and maintain knives in a commercial kitchen [Internal, 2 credits] 14425 Prepare and serve hot and cold non-alcoholic drinks in a commercial hospitality environment [Internal, 2 credits] 14434 Prepare and clear areas for food service in a commercial hospitality environment [Internal, 3 credits] 14436 Provide table service in a commercial hospitality environment [Internal, 4 credits] 14462 Maintain personal presentation and greet customers in the hospitality industry [Internal, 2 credits] 6401 Provide First Aid [Internal, 1 credit] 6402 Provide Resuscitation [Internal, 1 credit]			
<b>Cost/Equipment:</b>	\$30.00 per term (\$120/year) for food costs Workbooks included Meal at Four Seasons Restaurant not included Strong covered shoes for practicals			

YEAR 13 CARPENTRY		13CPY														
<b>Qualification:</b>	Level 3 Unit Standard credits delivered in partnership with Building & Construction Industry Training Organisation (BCITO), towards the National Certificate in Carpentry.	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>0</td> <td>16</td> </tr> <tr> <td>External</td> <td>0</td> <td>16</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	0	16	External	0	16
Credits available																
L3	AS	US														
Internal	0	16														
External	0	16														
<b>Pre requisite:</b>	Open entry but school workshop experience preferred.															
<b>Main area of study:</b>	Knowledge and safe use of carpentry hand tools, portable power tools, machinery, and maintenance.															
<b>Learning strategies:</b>	The development of knowledge associated with the theory and application of skills in the construction industry.															
<b>Assessment:</b>	BCITO Level 3 Unit Standards 12997 Demonstrate knowledge of safe working practices on construction sites [Internal, 3 credits] 12999 Demonstrate knowledge of timber machining equipment used on construction sites [Internal, 3 credits] 13000 Demonstrate knowledge of portable power tools used on construction sites [Internal, 4 credits] 13002 Demonstrate knowledge of timber used in construction [Internal, 2 credits] 24378 Perform building calculations [Internal, 4 credits]															
<b>Cost/Equipment:</b>	\$50 (print charges included)															

13 EARLY CHILDHOOD EDUCATION		13ECE														
<b>Qualification:</b>	NCEA Level 2 and 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2/3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>0</td> <td>18</td> </tr> <tr> <td>External</td> <td>0</td> <td>18</td> </tr> </tbody> </table>			Credits available			L2/3	AS	US	Internal	0	18	External	0	18
Credits available																
L2/3	AS	US														
Internal	0	18														
External	0	18														
<b>Pre requisite:</b>	Open Entry															
<b>Main area of study:</b>	This course offers an opportunity to develop life skills and knowledge of child development. It is part of the Unitec Early Childhood Education Schools Partnership Programme.															
<b>Assessment:</b>	Unit Standards: <i>(moderated by Unitec)</i> 10026 Demonstrate knowledge of child development [Level 3, Internal, 5 credits] 10017 Provide resources for play for young children [Level 2, Internal, 3 credits] 10014 Participate in young children's play [Level 3, Internal, 8 credits] 10026 Demonstrate knowledge of protection for young children from abuse [Level 2, Internal, 2 credits]															
<b>Cost/Equipment:</b>	\$20 Materials															

YEAR 13 ELECTRONICS		13ELE		
<b>Qualification:</b>	NCEA Level 3 credits, National Certificate in Electronics Technology Level 3.	<b>Credits available</b>		
<b>Pre requisite:</b>	12 credits from Level 2 Electronics or Physics	<b>L3</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Semi conductors, digital and analogue systems, microcontroller and making a prototype.	Internal	0	17
<b>Learning strategies:</b>	Mini projects, discussion and computer modelling.	External	0	17
<b>Assessment:</b>	Unit Standards: 19743 Demonstrate and apply knowledge of basic semiconductor devices [Internal, 4 credits] 19745 Demonstrate basic knowledge of signals and the transmission of information [Internal, 5 credits] 19746 Demonstrate basic knowledge of electronic product quality and reliability [Internal, 5 credits] 9221 Describe the development of a new electronic product [Internal, 3 credits]			
<b>Cost/Equipment:</b>	\$60 Materials \$30 Course Manual			

YEAR 13 FASHION TECHNOLOGY		13FAS		
<b>Qualification:</b>	NCEA Level 3 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Year 12 Fashion recommended	<b>L3</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	This course will focus on design for a client. Students will be encouraged to select a client from the wider community or the fashion industry. They will undertake in-depth research into the needs and wants of their client and create a design concept to meet their requirements. Garments will be modelled in half scale to explore ideas and then developed into a full scale garment or outfit.	Internal	20	0
		External	(4)	20*
<b>Learning strategies:</b>	Skill development, research and analysis, consultation with the client and wider community, concept development, time planning, half scale and full scale garment modelling, photo diaries, testing and evaluation.			
<b>Assessment:</b>	At Level 8 of the New Zealand Curriculum. Students build up portfolios of work to present for assessment of the achievement standards. Evidence for the external standard is collected as an integral part of each internal standard and collated at the end of the year with a written report. Achievement Standards 90613 Develop a conceptual design to address a client issue [Internal, 8 credits] 90620 Develop a one off solution to address a client issue [Internal, 8 credits] 90687 Demonstrate techniques in materials technology [Internal, 4 credits] 90686* Explain knowledge that underpins a materials technology outcome [External, 4 credits] * <i>Optional at discretion of HOD</i>			
<b>Cost/Equipment:</b>	\$30 to cover basic resources and consumables. Students purchase own fabric and patterns as required. A3 clear file, quick unpick, quality A3 sketchpad, 2B pencil and pencil crayons.			

YEAR 13 FOOD & NUTRITION		13FOO		
<b>Qualifications:</b>	NCEA Level 3 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	12 credits in NCEA Level 2 Food & Nutrition or Science.	<b>L3</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Health issues, nutrition, food choices, globalisation issues, food for special occasions, presentation skills.	Internal	6	4
<b>Learning strategies:</b>	Research, practicals, investigations, videos, note-taking, essay writing.	External	9	19
<b>Assessment:</b>	Level 8 of the New Zealand Curriculum Achievement & Unit Standards 90531 Explore a current nutrition issue affecting New Zealand society [Internal, 6 credits] 90533 Discuss the influences of media messages on food choices [External, 4 credits] 90534 Discuss the effects of globalisation on food choices in New Zealand [External, 5 credits] 6648 Prepare, plan and serve food for a special occasion [Internal, 4 credits]			
<b>Cost/Equipment:</b>	\$30 per term (\$120/year) for food costs Strong covered shoes for practicals			

YEAR 13 GRAPHICS		13GRA		
<b>Qualifications:</b>	NCEA Level 3	<b>Credits available</b>		
<b>Pre requisite:</b>	10 credits in Level 2 Graphics	<b>L3</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Graphic communication and design</li> <li>• Architectural and environmental design</li> <li>• Media and illustrative design</li> </ul>	Internal	10	0
<b>Learning strategies:</b>	Understand and successfully apply the design process to a variety of design situations introduced by design briefs. Illustrate innovation and creativity in the appreciation of technological and marketing solutions. Interpret drawings and diagrams and suggest modifications or alternative solutions. Show ability to effectively use colour and a range of graphical illustration materials and techniques. Produce sectional, auxiliary, exploded detail and assembly drawings. Presentation of work to a professional standard for portfolio material, as entry requirement for many related tertiary courses.	External	9	19
<b>Assessment:</b>	<p>At Level 8 of the New Zealand Curriculum.</p> <p>External assessment is by portfolio for Level 3 NCEA and Scholarship.</p> <p>Achievement Standards:</p> <p>90734 Negotiate a brief and a solution by applying a design process [External, 5 credits]</p> <p>90735 Plan and produce a presentation to communicate design ideas [External, 4 credits]</p> <p>90736 Develop and communicate a solution to an architectural or environmental design brief [Internal, 5 credits]</p> <p>90738* Develop and communicate a solution to a media or technical illustration design brief [Internal, 5 credits] or</p> <p>90737* Develop and communicate a solution to an engineering or technological design brief [Internal, 5 credits]</p>			
<b>Cost/Equipment:</b>	\$30.00 (print charges included)			

<b>YEAR 13 HARD MATERIALS TECHNOLOGY</b>		<b>13HMT</b>														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3"><b>Credits available</b></th> </tr> <tr> <th><b>L3</b></th> <th><b>AS</b></th> <th><b>US</b></th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>16</td> <td>0</td> </tr> <tr> <td>External</td> <td>4</td> <td>20</td> </tr> </tbody> </table>			<b>Credits available</b>			<b>L3</b>	<b>AS</b>	<b>US</b>	Internal	16	0	External	4	20
<b>Credits available</b>																
<b>L3</b>	<b>AS</b>	<b>US</b>														
Internal	16	0														
External	4	20														
<b>Pre requisite:</b>	10 credits in Level 2 Hard Materials Technology or 16 credits from Level 1 Hard Materials Technology															
<b>Main area of study:</b>	Researching and responding to technological issues, through planning, research, writing a brief, designing, modelling, manufacturing, testing and evaluation. All done while working closely with a stakeholder/client.															
<b>Learning strategies:</b>	Investigating needs and producing prototype solutions, with appropriate supporting written documentation.															
<b>Assessment:</b>	At Level 8 of the New Zealand Curriculum. External assessment is by portfolio for Level 3 NCEA and Scholarship. Achievement Standards: 90613 Develop a concept design to address a client issue [Internal, 8 credits] 90620 Develop a one-off solution to address a client issue [Internal, 8 credits] 90686 Explain knowledge that underpins a materials technology outcome [External, 4 credits]															
<b>Cost/Equipment:</b>	\$50 (print charges included)															

<b>YEAR 13 HOSPITALITY</b>		<b>13HOS</b>														
<b>Qualification:</b>	NCEA Level 2 and 3 credits	<table border="1"> <thead> <tr> <th colspan="3"><b>Credits available</b></th> </tr> <tr> <th><b>L2/3</b></th> <th><b>AS</b></th> <th><b>US</b></th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>0</td> <td>21</td> </tr> <tr> <td>External</td> <td>0</td> <td>21</td> </tr> </tbody> </table>			<b>Credits available</b>			<b>L2/3</b>	<b>AS</b>	<b>US</b>	Internal	0	21	External	0	21
<b>Credits available</b>																
<b>L2/3</b>	<b>AS</b>	<b>US</b>														
Internal	0	21														
External	0	21														
<b>Pre requisite:</b>	Unit Standard 167 Food Safety.															
<b>Main area of study:</b>	Preparation and presentation of food for the Hospitality Industry, food for special occasions, food creativity, food safety and barista training.															
<b>Assessment:</b>	Unit Standards 168 Demonstrate knowledge of food contamination hazards and control methods used in a food business [Level 3, Internal, 4 credits] 6648 Prepare plan and serve food for a special occasion [Level 3, Internal, 4 credits] 15627 Demonstrate creativity in meal preparation and presentation [Level 3, Internal, 6 credits] 17284 Demonstrate knowledge of coffee origin and production [Level 3, Internal, 3 credits] 17285 Demonstrate knowledge of commercial espresso coffee equipment and prepare beverages under supervision [Level 2, Internal, 4 credits]															
<b>Cost/Equipment:</b>	\$30 per term (\$120/year) for food costs Strong covered shoes for practical lessons.															

## DIGITAL CREATIVE TECHNOLOGY

Digital Creative Technology		9	
Digital Creative Technology		10	
Digital Creative Technology		11	
Digital Design & Print	Web Design	12	
Business Computing	Digital Design & Print	Web Design	13

- Notes:**
1. Students may only take **one** Digital Creative Technology or Computing course in Year 13.
  2. As some Technology courses offer some of the same achievement standards, any student thinking of taking more than one Technology achievement standards course (Fashion, Hard Materials, Electronics, Digital Creative) must discuss their plans with the Head of Technology.
  3. Students are advised to select one Level 2 DCT course, however may take two at the discretion of the TiC/HoF.
- Note:* Some standards are assessed in both courses.

## Criteria for Advancement 2012

Subject	Level	Entry Requirements
Digital Creative Technology	1	Success in Year 10 DCT
Design & Print	2	12 credits in Year 11 DCT
Web Design	2	12 credits in Year 11 DCT
Business Computing	3	10 credits in Year 12 Business Computing
Design & Print	3	12 credits in Year 12 Design & Print
Web Design	3	12 credits in Year 12 Web Design

Entry into senior courses is based on the individual student's achievement in that, or related, subjects. It may be possible to waive an entry requirement in specific cases after consultation with the Head of Technology and the Dean of the level.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

<b>YEAR 10 DIGITAL CREATIVE TECHNOLOGY</b>		<b>10DCT</b>
<b>Pre requisite:</b>	Open Entry	
<b>Main areas of study:</b>	Basic programming and human computing interface, visual communication, digital media, spreadsheets, desktop publishing, word-processing, design principles, research, communication of information and keyboarding.	
<b>Learning strategies:</b>	Practical “hands on”.	
<b>Assessment:</b>	At Level 5 of the New Zealand Curriculum. Projects and end of year exam. Digital Media Project: Digital still and video photography. Web Design Project: Compile a simple website with 3 pages. Programming Math Project: Dice Random Counter. Game Project: Tic-Tac-Toe	
<b>Equipment:</b>	1x A4 Clearfile (40 page)	
<b>Cost:</b>	\$18.00 Materials (includes printing)	

<b>YEAR 11 DIGITAL CREATIVE TECHNOLOGY</b>		<b>11DCT</b>														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3"><b>Credits available</b></th> </tr> <tr> <th><b>L1</b></th> <th><b>AS</b></th> <th><b>US</b></th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>14</td> <td>0</td> </tr> <tr> <td>External</td> <td>3</td> <td>17</td> </tr> </tbody> </table>			<b>Credits available</b>			<b>L1</b>	<b>AS</b>	<b>US</b>	Internal	14	0	External	3	17
<b>Credits available</b>																
<b>L1</b>	<b>AS</b>	<b>US</b>														
Internal	14	0														
External	3	17														
<b>Pre requisite:</b>	Success in Year 10 DCT															
<b>Main area of study:</b>	To understand the use and operation of digital technology and understand digital technological principles and systems, and to develop strategies for the communication, promotion and evaluation of digital technological ideas and outcomes.															
<b>Learning strategies:</b>	Practical “hands-on”.															
<b>Assessment:</b>	At Level 6 of the New Zealand Curriculum. Achievement Standards 91070 Demonstrate understanding of basic concepts of information management [External, 3 credits, Literacy] 91071 Implement basic procedures to produce a specified digital information outcome [Internal, 4 credits] 91073 Implement basic procedures to produce a specified digital media outcome [Internal, 4 credits] 91076 Construct a basic computer program for a specified task [Internal, 3 credits] 91072 Demonstrate understanding of basic concepts of digital media [Internal, 3 credits, Literacy]															
<b>Cost/Equipment:</b>	\$25.00 Materials (includes printing) 2 x A4 40 page Clearfiles															

YEAR 12 DIGITAL DESIGN & PRINT		12DAP														
<b>Qualification:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>18</td> <td>0</td> </tr> <tr> <td>External</td> <td>3*</td> <td rowspan="2">18*</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	18	0	External	3*	18*
Credits available																
L2	AS	US														
Internal	18	0														
External	3*	18*														
<b>Pre requisite:</b>	12 credits in Year 11 DCT															
<b>Main area of study:</b>	To introduce students to design concepts using specific graphic application software. Students will be familiarised with specific peripherals relevant to design and print and produce printed documents for business use.															
<b>Learning strategies:</b>	Practical “hands-on”															
<b>Assessment:</b>	Achievement Standards: 2.3 Develop a conceptual design for an outcome [Internal, 6 credits] 2.4 Undertake effective development to make and trial a prototype [Internal, 6 credits] 2.41 Implement advanced procedures to produce a specified digital information outcome with dynamically linked data [Internal, 6 credits] 2.40* Demonstrate understanding of advanced concepts of information systems used to manage shared information [External, 3 credits]															
	* <i>Entry to the external standard is at the discretion of the TiC/HoF.</i>															
<b>Cost/Equipment:</b>	\$30 Materials (includes printing)															

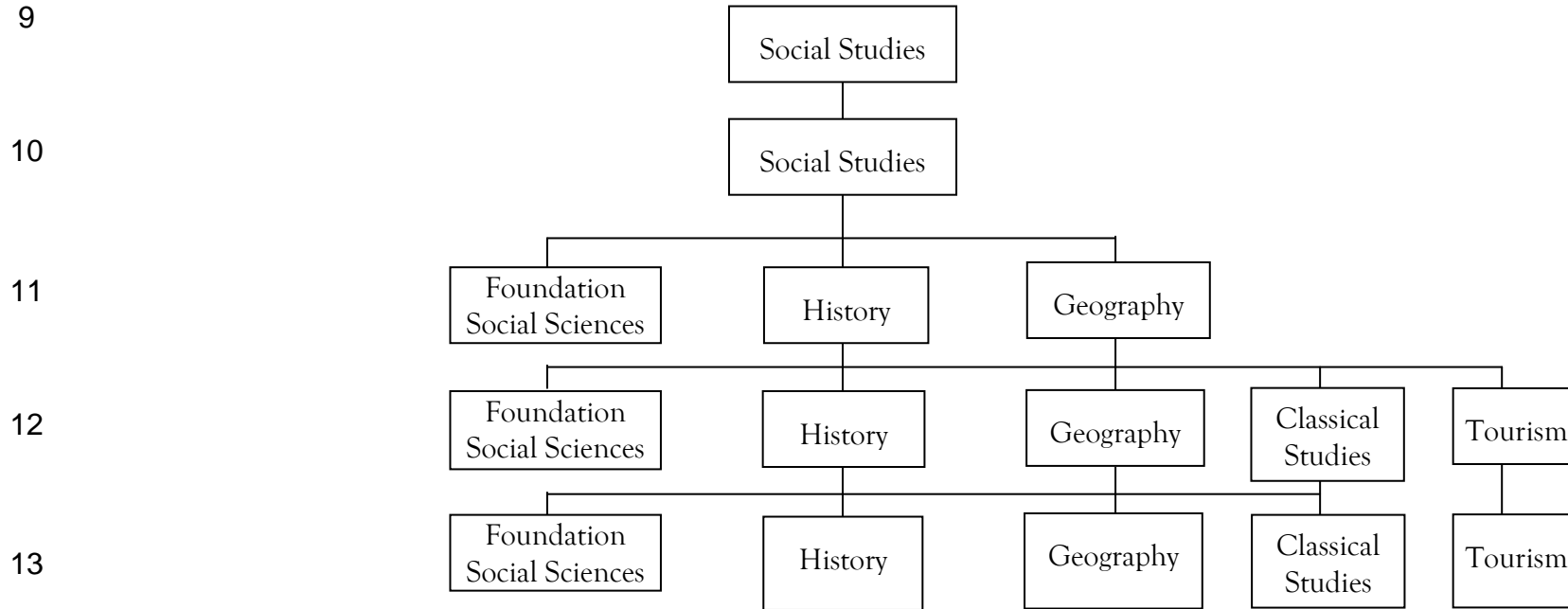
YEAR 12 WEB DESIGN		12WEB		
<b>Qualification:</b>	NCEA Level 2 credits The course will be structured to meet the needs of students. Entry to specific standards will be at the discretion of the TiC DCT.	<b>Credits available</b>		
		<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Prerequisite:</b>	12 credits in Year 11 DCT.	Internal	14	0
<b>Main area of study:</b>	The aim of this course is to introduce students to and ensure that they are competent in the basic functions of the following computing and design concepts/applications: <ul style="list-style-type: none"> <li>• Introduction to the Internet and use of Search Engines</li> <li>• Basic Skills in Web Page construction (Dreamweaver)</li> <li>• Formatting, links, tables</li> <li>• Graphics - resolution, scanning, exporting, filters, effects, animated gifs, background images, slicing images (Photoshop/Fireworks)</li> <li>• Introduction to design technology processes</li> </ul>	External	3*	14*
<b>Learning strategies:</b>	Practical “hands-on” exercises, teacher direction and typed theory notes.			
<b>Assessment:</b>	At Level 7 of the New Zealand Curriculum. Achievement Standards 2.41 Implement advanced procedures to produce a specified digital information outcome with dynamically linked data [Internal, 6 credits] 2.42 Demonstrate understanding of the advanced concepts of digital media [Internal, 4 credits] 2.43 Implement advanced procedures to produce a specified digital media outcome [Internal, 4 credits] 2.40* Demonstrate understanding of advanced concepts of information systems used to manage shared information [External, 3 credits] * <i>Entry to the external standard is at the discretion of the TiC/HoF.</i>			
<b>Cost/Equipment:</b>	\$30.00 Materials (includes printing) 2x A4 40page Clearfiles			

<b>YEAR 13 BUSINESS COMPUTING</b>		<b>13COM</b>		
<b>Qualification:</b>	NCEA Level 3 credits	<b>Credits available</b>		
	The credits gained in this course contribute to the National Certificate in Computing (NCC) Level 3.	<b>L3</b>	<b>AS</b>	<b>US</b>
<b>Pre requisite:</b>	10 credits in Year 12 Business Computing.	Internal	0	20
<b>Main area of study:</b>	The aim of this course is to advance on the skills learnt in the Level 2 Business Computing Course.	External	0	20
<b>Learning strategies:</b>	Practical “hands-on” exercises, teacher direction and typed theory notes.			
<b>Assessment:</b>	Unit Standards			
	12887 Integrate text and images and refine file management for generic text and information management [Internal, 6 credits]			
	2797 Demonstrate knowledge of the principles of computer networks [Internal, 4 credits]			
	331 Operate computer accounts receivable and payable ledger systems to produce financial information [Internal, 5 credits]			
	332 Operate computer general ledger accounting systems to produce financial information [Internal, 5 credits]			
<b>Cost/Equipment:</b>	\$30.00 Materials (includes printing) Ringbinder			

<b>YEAR 13 DIGITAL DESIGN &amp; PRINT</b>		<b>13DAP</b>		
<b>Qualification:</b>	NCEA Level 3 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	12 credits in Year 12 DAP.	<b>L3</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	The aim of this course is gain competence in the basic functions of the following computing and design concepts/applications:	Internal	16	0
	<ul style="list-style-type: none"> <li>▪ Typography for printing – graphic communication</li> <li>▪ Digital imaging for printing – graphic communication</li> <li>▪ Create documents for digital printers using basic software</li> <li>▪ Photoshop for the creation and/or manipulation of images</li> <li>▪ Illustrator for drawing</li> <li>▪ InDesign for document layout</li> </ul>	External	4	20
<b>Learning strategies:</b>	Practical “hands-on”.			
<b>Assessment:</b>	At Level 8 of the New Zealand Curriculum.			
	Achievement Standards			
	90613 Develop a conceptual design to address a client issue [Internal, 8 credits]			
	90620 Develop a one-off solution to address a client issue [Internal, 8 credits]			
	90676 Describe technologists’ responsibilities to the wider community issue [External, 4 credits]			
<b>Cost/Equipment:</b>	\$30 Materials (includes printing)			

YEAR 13 WEB DESIGN		13WEB		
<b>Qualification:</b>	NCEA Level 3 credits Students may/may not achieve all standards offered. The course will be structured to meet the needs of students. Entry to specific standards will be at the discretion of the TIC DCT.	<b>Credits available</b>		
		<b>L3</b>	<b>AS</b>	<b>US</b>
		Internal	16	0
		External	4	20
<b>Prerequisite:</b>	12 credits in Year 12 Web Design.			
<b>Main area of study:</b>	<p>The aim of this course is to advance the skills students gained in the Level 2 Web Design course and gain competence in the basic functions of the following computing and design concepts/applications:</p> <ul style="list-style-type: none"> <li>• The internet and use of search engines</li> <li>• Design and assemble a Flash Movie</li> <li>• Intermediate/Advanced web page construction for a client (Dreamweaver)</li> <li>• Formatting, links, tables, forms, frames</li> <li>• Graphics - resolution, scanning, exporting, filters, effects, animated gifs, background images, slicing images (Photoshop/Fireworks)</li> <li>• Design technology process</li> </ul>			
<b>Learning strategies:</b>	Practical “hands-on” exercises, teacher direction and typed theory notes.			
<b>Assessment:</b>	<p>At Level 8 of the New Zealand Curriculum.</p> <p>Achievement Standards</p> <p>90613 Develop a conceptual design to address a client issue [Internal, 8 credits]</p> <p>90620 Develop a one-off solution to address a client issue [Internal, 8 credits]</p> <p>90676 Describe technologists’ responsibilities to the wider community issue [External, 4 credits]</p>			
<b>Cost/Equipment:</b>	\$30.00 Materials (includes printing) 2x A4 40 page Clearfiles			

## SOCIAL SCIENCES



**Note:** Students are permitted to take no more than two of History, Geography, Classical Studies, Tourism in any one year, unless with the express permission of the HOD and Dean.  
 Foundation Social Science is a course available for those who do not meet the pre-requisites for the other Social Science subjects.

## Criteria for Advancement 2012

Subject	Level	Entry Requirements
Foundation Social Sciences	1	Open Entry. This course is intended for those who have not met the pre-requisites for other Social Science courses.
Geography	1	Achievement in Year 10 Social Studies and English
History	1	Achievement in Year 10 Social Studies and English
Classical Studies	2	12 credits in any NCEA Social Science or English Level 1 including at least 4 credits from an external achievement standard.
Foundation Social Sciences	2	Open Entry. This course is intended for those who have not met the pre-requisites for other Social Science courses.
Geography	2	12 credits in any NCEA Social Science or English Level 1 including at least 4 credits from an external achievement standard.
History	2	12 credits in any NCEA Social Science or English Level 1 including at least 4 credits from an external achievement standard.
Tourism	2	8 credits in any NCEA Level 1 Social Science or Level 1 English
Classical Studies	3	12 credits in any NCEA Social Science or English Level 2 including at least 4 credits from an external achievement standard.
Foundation Social Sciences	3	Open Entry. This course is intended for those who have not met the pre-requisites for other Social Science courses.
Geography	3	12 credits in any NCEA Social Science or English Level 2 including at least 4 credits from an external achievement standard.
History	3	12 credits in any NCEA Social Science or English Level 2 including at least 4 credits from an external achievement standard.
Tourism	3	13 Level 2 credits in Tourism or 8 credits in Level 2 Social Science or Level 2 English

Entry into senior courses is based on the individual student's achievement in that, or related, subjects. It may be possible to waive an entry requirement in specific cases after consultation with HOD and the Dean of the level.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

YEAR 10 SOCIAL STUDIES		10SST
<b>Main area of study:</b>	Social Studies aims to enable students to participate in a changing society as informed, confident, and responsible citizens. The Year 10 course develops knowledge and understanding of human society.	
<b>Assessment:</b>	Essay, content knowledge, research and an end of year exam	
<b>Equipment:</b>	1x 1B5, Ruler, Coloured Pencils 3x Workbooks \$12 (total) 1x A4 Clearfile (minimum 20 pockets)	

YEAR 11 FOUNDATION SOCIAL SCIENCES		11FSS		
<b>Qualification:</b>	NCEA Level 1 and 2 credits as appropriate	<b>Credits available</b>		
<b>Pre requisite:</b>	Open Entry	L1/2	AS	US
<b>Main area of study:</b>	Three main areas of study: <ul style="list-style-type: none"> <li>• Economics</li> <li>• Geography</li> <li>• History</li> </ul>	Internal	14	5
		External	0	19
<b>Learning strategies:</b>	Research, data collection, resource analysis, group work and discussion.			
<b>Assessment:</b>	Achievement Standards: 91012 Geography – Describe aspects of a contemporary NZ Geographic issue [Level 1, Internal, 3 credits, Literacy] 91013 Geography – Describe aspects of a geographic topic at a global scale [Level 1, Internal, 3 credits, Literacy] 91001 History* – Carry out an investigation of an historical event, or place, of significance to New Zealanders [Level 1, Internal, 4 credits] 91002 History* – Demonstrate understanding of an historical event, or place, of significance to New Zealanders [Level 1, Internal, 4 credits, Literacy] 91004 History* – Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders [Level 1, Internal, 4 credits, Literacy] <i>*Only two History standards will be offered at the discretion of the HOD.</i> Unit Standards: 24709 Economics – Produce a balanced budget for an individual [Level 1, Internal, 3 credits] 24704 Economics – Demonstrate knowledge of banking products and services for personal financial management [Level 2, Internal, 2 credits] <i>Note: Assessments may vary with the requirements of the class.</i>			
<b>Cost/Equipment:</b>	Field Trip Expenses (if applicable)			

YEAR 11 GEOGRAPHY		11GEO														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>10</td> <td>0</td> </tr> <tr> <td>External</td> <td>8</td> <td>18</td> </tr> </tbody> </table>			Credits available			L1	AS	US	Internal	10	0	External	8	18
Credits available																
L1	AS	US														
Internal	10	0														
External	8	18														
<b>Pre requisite:</b>	Achievement in Year 10 Social Studies and English.															
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Extreme Natural Event               <ul style="list-style-type: none"> <li>- Volcanic Eruptions</li> </ul> </li> <li>• Sustainable use of Resources               <ul style="list-style-type: none"> <li>- Dairy Farming</li> </ul> </li> <li>• Contemporary Geographical Issues</li> </ul>															
<b>Learning strategies:</b>	Implementation of geographical ideas and skills through fieldwork, data collection, DVD analysis, computer programmes and group work.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>91007 Demonstrate geographic understanding of environments that have been shaped by extreme natural events [External, 4 credits, Literacy]</p> <p>91009 Demonstrate geographic understanding of the sustainable use of an environment [Internal, 3 credits, Literacy]</p> <p>91010 Apply concepts and basic geographic skills to demonstrate understanding of a given environment [External, 4 credits]</p> <p>91011 Conduct geographic research, with direction [Internal, 4 credits, Literacy &amp; Numeracy]</p> <p>91012 Describe aspects of a contemporary New Zealand geographic issue [Internal, 3 credits, Literacy]</p>															
<b>Cost/Equipment:</b>	<p>Write on workbook for Skills \$20</p> <p>Field trip expenses \$40 (approximately)</p> <p>[Non compulsory] Field trip to Rotorua \$250 (approximately)</p>															

YEAR 11 HISTORY		11HIS														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>8</td> <td>0</td> </tr> <tr> <td>External</td> <td>12</td> <td>20</td> </tr> </tbody> </table>			Credits available			L1	AS	US	Internal	8	0	External	12	20
Credits available																
L1	AS	US														
Internal	8	0														
External	12	20														
<b>Pre requisite:</b>	Achievement in Year 10 Social Studies and English															
<b>Main area of study:</b>	<p><u>Around the World.</u></p> <p>Topics will include some or all of:</p> <ul style="list-style-type: none"> <li>▪ Ancient Egypt</li> <li>▪ Incas (South America)</li> <li>▪ Persia (ancient Iran)</li> <li>▪ Ancient China</li> <li>▪ Ancient Greece/Rome</li> </ul> <p><u>Key Developments in the 20<sup>th</sup> Century.</u></p> <p>Topics will include some or all of:</p> <ul style="list-style-type: none"> <li>▪ An ostrich is shot and a turkey goes hungry?! How World War One really began.</li> <li>▪ A sleazy monk with hypnotic powers topples a 300-year-old empire: The Russian Revolution.</li> <li>▪ The Irish 'Problem': the Easter Rising during WWI</li> <li>▪ Tough times for ordinary people: The Great Depression and the rise of dictators.</li> <li>▪ Disaster: World War Two and the Holocaust.</li> </ul> <p><u>Independent Inquiry.</u></p> <p>Students may choose an area of interest on which to focus for the achievement standard inquiry.</p>															
<b>Learning strategies:</b>	Research, text and video analysis, community resources,															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>91001 Carry out an investigation of an historical event, or place, of significance to New Zealanders [Internal, 4 credits, Literacy]</p> <p>91002 Demonstrate understanding of an historical event, or place, of significance to New Zealanders [Internal, 4 credits, Literacy]</p> <p>91003 Interpret sources of an historical event of significance to New Zealanders [External, 4 credits, Literacy]</p> <p>91005 Describe the causes and consequences of an historical event [External, 4 credits, Literacy]</p> <p>91006 Describe how a significant historical event affected New Zealand society [External, 4 credits, Literacy]</p>															
<b>Cost/Equipment:</b>	Field Trip Expenses (if applicable) Workbooks \$8															

YEAR 12 CLASSICAL STUDIES		12CLA														
<b>Qualifications:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>6*</td> <td>0</td> </tr> <tr> <td>External</td> <td>14</td> <td>20*</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	6*	0	External	14	20*
Credits available																
L2	AS	US														
Internal	6*	0														
External	14	20*														
<b>Pre requisite:</b>	12 credits in any NCEA Level 1 Social Science or Level 1 English, including at least 4 credits from an external achievement standard.															
<b>Main Area of Study:</b>	<p>The Year 12 programme focuses on ancient Greece. All ancient literary sources are studied in translation.</p> <p>Key areas of focus from the Classical world:</p> <ul style="list-style-type: none"> <li>• Literature: Greek Tragedies</li> <li>• Art: Athenian Art and Architecture, development of sculpture</li> <li>• Socio-political life: Athenian Democracy</li> <li>• Conflict: Athens' war with Persia</li> </ul> <p>Influence of ancient Greece on our world:</p> <ul style="list-style-type: none"> <li>• Democracy</li> <li>• Literature</li> <li>• Comparative mythologies</li> <li>• Art and 'ideal' beauty</li> <li>• Classical myth, art and literature in advertising</li> <li>• Influence of Greek language in English</li> </ul> <p>Independent Inquiry:</p> <p>Students may choose an aspect of focus to demonstrate understanding of the relationship between aspects of the classical world and other cultures.</p>															
<b>Learning Strategies:</b>	Analysis of ancient sources, written work, practical work, video and DVD and video analysis, research, role plays, practical work, field trips															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>2.1 Examine ideas and values of the classical world [External, 4 credits]</p> <p>2.2 Examine the significance of features of work(s) of art in the classical world [External, 4 credits]</p> <p>2.3* Demonstrate understanding of a significant event in the classical world [Internal, 4 credits]</p> <p>2.4 Examine socio-political life in the classical world [External, 6 credits]</p> <p>2.5 Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures [Internal, 6 credits]</p> <p>* <i>Optional and additional standard at the discretion of the HOD</i></p>															
<b>Cost/Equipment:</b>	Workbooks \$20															

YEAR 12 FOUNDATION SOCIAL SCIENCES		12FSS		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Open Entry	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Three main areas of study: • Economics • History • Geography	Internal	15*	6
		External	0	21*
<b>Learning strategies:</b>	Research, data collection, resource analysis, group work, discussion and essay writing.			
<b>Assessment:</b>	<p>Assessments will, where possible, be offered to individual students at the most appropriate level and are likely to include the following:</p> <p>Achievement Standards:</p> <p>2.6 Geography - Explain aspects of a contemporary geographic issue [Internal, 3 credits]</p> <p>2.7 Geography - Explain aspects of a geographic topic at a global scale [Internal, 3 credits]</p> <p>2.1 History* - Carry out a planned inquiry of an historical event, or place, of significance to New Zealanders [Internal, 4 credits]</p> <p>2.2 History* - Examine an historical event, or place, of significance to New Zealanders [Internal, 5 credits]</p> <p>2.4 History* - Interpret different perspectives of people in an historical event of significance to New Zealanders [Internal, 5 credits]</p> <p><i>*Only two History standards will be studied at the discretion of the HOD.</i></p> <p>Unit Standards:</p> <p>24707 Economics - Set a personal financial goal and plan its implementation [Internal, 3 credits]</p> <p>24710 Economics - Produce a balanced budget for a family or household [Internal, 3 credits]</p> <p><i>Note 1:</i> Assessments may vary in accordance with the requirements of the class.</p> <p><i>Note 2:</i> Some topics covered enable students to be assessed against either Level 1 or 2 standards.</p>			
<b>Cost/Equipment:</b>	Nil			

YEAR 12 GEOGRAPHY		12GEO		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	12 credits in any NCEA Level 1 Social Science or Level 1 English, including at least 4 credits from an external achievement standard.	<b>L2</b>	<b>AS</b>	<b>US</b>
		Internal	11	0
		External	8	19
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Natural Forest Landscapes               <ul style="list-style-type: none"> <li>- Amazon Basin</li> <li>- Waitakere Ranges</li> </ul> </li> <li>• Disparities in Development               <ul style="list-style-type: none"> <li>- USA and Tanzania</li> </ul> </li> <li>• Contemporary Geographic Issues</li> <li>• Global Topic Study</li> </ul>			
<b>Learning strategies:</b>	Implementation of geographical ideas and skills through fieldwork, data collection, DVD analysis, computer programmes and group work.			
<b>Assessment:</b>	Achievement Standards 2.3 Demonstrate geographic understanding of differences in development [External, 4 credits] 2.4 Apply concepts and geographic skills to demonstrate understanding of a given environment [External, 4 credits] 2.5 Conduct geographic research with guidance [Internal, 5 credits] 2.6 Explain aspects of a contemporary geographic issue [Internal, 3 credits] 2.7 Explain aspects of a geographic topic at a global scale [Internal, 3 credits]			
<b>Cost/Equipment:</b>	Field trip expenses \$30 (approximately) Workbook \$20 (Skills)			

YEAR 12 HISTORY		12HIS														
<b>Qualification:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>9</td> <td>0</td> </tr> <tr> <td>External</td> <td>10</td> <td>19</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	9	0	External	10	19
Credits available																
L2	AS	US														
Internal	9	0														
External	10	19														
<b>Pre requisite:</b>	12 credits in any NCEA Level 1 Social Science or Level 1 English, including at least 4 credits from an external achievement standard.															
<b>Main area of study:</b>	<p><u>From 'Uncultured Barbarians' to World Domination: The Rise of Europe.</u></p> <p>This unit will give an overview of some or all of the following:</p> <ul style="list-style-type: none"> <li>▪ Huns, Goths and Vandals: The "Fall" of the Roman Empire</li> <li>▪ For Good or for Evil? A brief History of the fundamental role of the Church in Europe <ul style="list-style-type: none"> <li>- The threat from the East: Islam, the Crusades, and the Ottoman Empire</li> <li>- The threat from within: Reformation, counter-Reformation and Inquisition</li> </ul> </li> <li>▪ End of the Dark/Middle Ages: The Renaissance</li> </ul> <p><u>Spotlight on a decade: The 1960s.</u></p> <p>An analysis of some or all of the following:</p> <ul style="list-style-type: none"> <li>▪ Overview of the 1960s: key developments</li> <li>▪ Civil Rights in the USA and beyond <ul style="list-style-type: none"> <li>- Slavery</li> <li>- Gandhi</li> <li>- South African apartheid</li> <li>- NZ: Dawn Raids, Polynesian Panthers</li> </ul> </li> <li>▪ Dangerous Times: The 'Cold War' heats up <ul style="list-style-type: none"> <li>- China (and the Cultural Revolution)</li> <li>- Cuba and the Missile Crisis – Che Guevara and Fidel Castro: the most famous revolutionaries in the world</li> <li>- The Vietnam War</li> </ul> </li> </ul> <p><u>Independent Inquiry.</u> Students may choose an area of interest on which to focus for the achievement standard inquiry.</p>															
<b>Learning strategies:</b>	Research, processing information, analysing primary and secondary sources of information, and writing historical essays.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>2.1 History* – Carry out a planned inquiry of an historical event, or place, of significance to New Zealanders [Internal, 4 credits]</p> <p>2.2 History* – Examine an historical event, or place, of significance to New Zealanders [Internal, 5 credits]</p> <p>2.5 Examine causes and consequences of a significant historical event [External, 5 credits]</p> <p>2.6 Examine how a significant historical event affected New Zealand society [External, 5 credits]</p> <p>2.4* Interpret different perspectives of people in an historical event of significance to New Zealanders [Internal, 5 credits]</p> <p>* Note: It may be possible to offer 2.4 as an alternative internal standard instead of one of the externally assessed essays – refer HOD.</p>															
<b>Cost/Equipment:</b>	Field trip expenses (if applicable) Workbooks \$8															

YEAR 12 TOURISM		12TOU		
<b>Qualification:</b>	NCEA Level 2 credits Credits gained in this course contribute to a National Certificate in Tourism (NCT). Further credits for NCT are available in Year 13 Tourism.	<b>Credits available</b>		
		<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Pre requisites:</b>	8 credits in any Level 1 NCEA Social Science or Level 1 English	Internal	0	21
		External	0	21
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Tourist Characteristics</li> <li>• World Tourist Destinations</li> <li>• Destination New Zealand</li> <li>• Tourism Impacts</li> <li>• The Business of Tourism</li> <li>• Careers in the Tourism Industry</li> </ul>			
<b>Learning strategies:</b>	Workbooks - written work, research assignments, video/DVD analysis, fieldwork and tourism college visits, computer programmes, seminars from tourism providers.			
<b>Assessment:</b>	Unit Standards 24732 Tourist Characteristics [Internal, 3 credits] 24728 Work Roles in Tourism [Internal, 3 credits] 24731 Destination New Zealand [Internal, 4 credits] 24729 World Tourist Destinations [Internal, 4 credits] 24730 The Business of Tourism [Internal, 4 credits] 24726 Social & Cultural Impacts [Internal, 3 credits]			
<b>Cost/Equipment:</b>	Field trip ( <i>provided students meet the trip criteria of an acceptable level of attendance and work ethic</i> )			

YEAR 13 CLASSICAL STUDIES		13CLA														
<b>Qualifications:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>6</td> <td>0*</td> </tr> <tr> <td>External</td> <td>18*</td> <td>24</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	6	0*	External	18*	24
Credits available																
L3	AS	US														
Internal	6	0*														
External	18*	24														
<b>Pre requisite:</b>	12 credits in any NCEA Level 2 Social Science or Level 2 English, including at least 4 credits from an external achievement standard.															
<b>Main Area of Study:</b>	Virgil's Aeneid, Art of the Roman Empire, Augustus.															
<b>Learning Strategies:</b>	Analysis of ancient sources, research, written work, practical work, video and DVD analysis, role plays, field trips.															
<b>Assessment:</b>	<p>Achievement and Unit Standards</p> <p>90511 Examine and analyse passages from works of Classical Literature in translation [External, 6 credits]</p> <p>90512 Examine works of Classical Art in context [External, 6 credits]</p> <p>90514 Complete independent research on an area of Classical Studies [Internal, 6 credits]</p> <p><i>*and either:</i></p> <p>90513 Examine in essay format an aspect of the Classical World [External, 6 credits]</p> <p><i>or</i></p> <p>7590 Examine the career and achievements of Augustus [Internal, 6 credits]</p>															
<b>Cost/Equipment:</b>	Workbooks \$22															

YEAR 13 FOUNDATION SOCIAL SCIENCES		13FSS		
<b>Qualification:</b>	NCEA Level 1, 2 and 3 credits as appropriate	<b>Credits available</b>		
<b>Pre requisite:</b>	Open Entry	<b>L1/2/3</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Three main areas of study: <ul style="list-style-type: none"> <li>• Economics</li> <li>• History</li> <li>• Geography</li> </ul>	Internal	14	7
		External	0	21
<b>Learning strategies:</b>	Research, data collection, resource analysis, group work and discussion.			
<b>Assessment:</b>	<p>The intention is to cover topics that will enable students to be assessed at the appropriate level (1, 2 or 3). Depending on the progress of individual students the assessments within this programme may include a selection from the following.</p> <p>Achievement Standards:</p> <p>90706 Geography – Analyse a contemporary Geographic issue and evaluate courses of action [Level 3, Internal, 3 credits]</p> <p>90707 Geography – Analyse a geographic topic at a global scale [Level 3, Internal, 3 credits]</p> <p>90654 History* – Carry out an independent inquiry [Level 3, Internal, 4 credits]</p> <p>90656 History* – Communicate and present historical ideas clearly to show understanding of an historical context [Level 3, Internal, 4 credits]</p> <p><i>*An alternative Unit Standard equivalent may be offered at the discretion of the HOD.</i></p> <p>Unit Standards:</p> <p>11084 Geography – Assess a work of fiction from a geographic perspective [Level 3, Internal, 2 credits]</p> <p>24709 Economics – Produce a balanced budget for an individual [Level 1, Internal, 3 credits]</p> <p>24704 Economics – Demonstrate knowledge of banking products and services for personal financial management [Level 2, Internal, 2 credits]</p>			

YEAR 13 GEOGRAPHY		13GEO														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>9</td> <td>4</td> </tr> <tr> <td>External</td> <td>8</td> <td>21</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	9	4	External	8	21
Credits available																
L3	AS	US														
Internal	9	4														
External	8	21														
<b>Pre requisite:</b>	12 credits in any NCEA Level 2 Social Science or Level 2 English, including at least 4 credits from an external achievement standard.															
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Natural Processes - Coastal Processes</li> <li>• Cultural Processes - Tourism Development</li> <li>• Contemporary Geographical Issues</li> <li>• Global Topic Study</li> </ul>															
<b>Learning strategies:</b>	Implementation of geographical ideas and skills through fieldwork, data collection, DVD analysis, computer programmes and group work.															
<b>Assessment:</b>	<p>Achievement and Unit Standards</p> <p>90701 Analyse a geographic environment, focusing on the interacting natural processes [External, 4 credits]</p> <p>90704 Select and apply skills and ideas in a geographic context [External, 4 credits]</p> <p>90705 Carry out geographic research with consultation [Internal, 3 credits]</p> <p>90706 Analyse a contemporary geographic issue and evaluate courses of action [Internal, 3 credits]</p> <p>90707 Analyse a geographic topic at a global scale [Internal, 3 credits]</p> <p>5096 Describe and explain a cultural process within a geographic setting [Internal, 4 credits]</p>															
<b>Cost/Equipment:</b>	<p>Field trip expenses \$35 (approximately)</p> <p>Workbook \$20 (Skills)</p>															

YEAR 13 HISTORY		13HIS														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>9</td> <td>0</td> </tr> <tr> <td>External</td> <td>15</td> <td>24</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	9	0	External	15	24
Credits available																
L3	AS	US														
Internal	9	0														
External	15	24														
<b>Pre requisite:</b>	12 credits in any NCEA Level 2 Social Science or Level 2 English, including at least 4 credits from an external achievement standard.															
<b>Main area of study:</b>	<p>New Zealand and its place in the world in the 19<sup>th</sup> Century.</p> <p>Three themes are studied:</p> <ul style="list-style-type: none"> <li>• When Empires Meet: Maori-Pakeha Relations.</li> <li>• Creating a 'Britain of the South Seas': Migration, Settlement and Social Issues</li> <li>• Creating a 'Britain of the South Seas': Political and Economic Development</li> <li>• Independent Research on any topic, 10<sup>th</sup> - 19<sup>th</sup> century (90654)</li> </ul>															
<b>Learning strategies:</b>	Defining and planning an area of inquiry, research, analysing historical information and demonstrating an understanding of historical ideas and principles.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90654 Independent Research [Internal, 4 credits]</p> <p>90655 Communicate historical ideas [Internal, 5 credits]</p> <p>90656 Examine evidence in historical sources [External, 5 credits]</p> <p>90657 Examine an historical decision [External, 5 credits]</p> <p>90658 Examine an historical issue [External, 5 credits]</p>															
<b>Cost/Equipment:</b>	<p>Field trip expenses \$100 (approximately)</p> <p>Longmans Write-on Notes (19<sup>th</sup>C New Zealand) \$13.00</p>															

YEAR 13 TOURISM		13TOU														
<b>Qualification:</b>	NCEA Level 3 credits Credits gained in this course contribute to the National Certificate in Tourism (NCT) Level 2	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>0</td> <td>20</td> </tr> <tr> <td>External</td> <td>0</td> <td rowspan="2">20</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	0	20	External	0	20
Credits available																
L3	AS	US														
Internal	0	20														
External	0	20														
<b>Pre requisites:</b>	13 credits in Level 2 Tourism or 8 credits in Level 2 Social Science or Level 2 English.															
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>• Destination Australia</li> <li>• Destination Pacific Islands</li> </ul> <i>and either</i> <ul style="list-style-type: none"> <li>• Economic Impacts of Tourism</li> </ul> <i>or</i> <ul style="list-style-type: none"> <li>• Describe or promote a NZ Tourist Destination</li> </ul>															
<b>Learning strategies:</b>	Workbooks – written work, research assignments, video/DVD analysis, fieldwork and tourism college visits, computer programmes and seminars from tourism providers.															
<b>Assessment:</b>	Unit Standards 18211 Destination Australia [ Internal, 8 credits] 3727 Destination Pacific Islands [Internal, 8 credits] 24733 Describe and Promote a NZ Tourist Destination [Internal, 4 credits]															
<b>Cost/Equipment:</b>	Rotorua field trip approximately \$150 ( <i>if students meet the trip criteria of an acceptable level of attendance and work ethic</i> )															

# COMMERCE

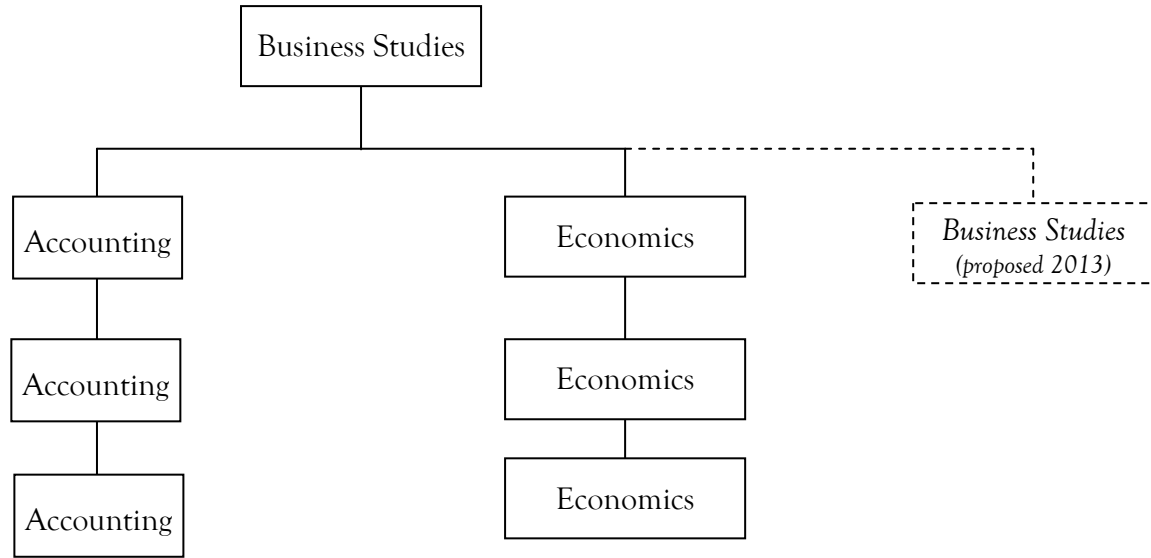
9

10

11

12

13



## Criteria for Advancement 2012

Subject	Level	Entry Requirements
10 Business Studies	-	Open Entry
Accounting	1	Open Entry
Economics	1	Open Entry
Accounting	2	12 credits in NCEA Accounting Level 1
Economics	2	Successful completion of Level 1 NCEA or 12 credits in NCEA Economics Level 1 or at discretion of HOD
Accounting	3	12 credits in NCEA Level 2 Accounting
Economics	3	Successful completion of Level 2 NCEA or 10 credits in NCEA Economics or ESOL Economics Level 2 (including at least 4 credits at Level 2), or at discretion of HOD

Entry into senior courses is based on the individual student's achievement in that, or related, subjects. It may be possible to waive an entry requirement in specific cases after consultation with HOD and the Dean of the level.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

<b>YEAR 10 BUSINESS STUDIES</b>	<b>10BUS</b>
---------------------------------	--------------

<b>Main area of study:</b>	<p>Through exploring enterprise students will develop a range of competencies. They will use a variety of innovative thinking techniques to identify business ideas to create and present a business plan. They will also prepare a community project that will require them to participate in and contribute to our local community. These projects will require students to be self motivating with a 'can do' attitude. Students will work collaboratively and interact effectively with others in their group and with a range of people in the wider community. Financial literacy has become increasingly important, both in day to day decisions as well as planning and operating an enterprise. These skills will be developed throughout the course, giving a good foundation for Accounting in the senior school.</p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th colspan="3"><b>Credits available</b></th> </tr> <tr> <th style="width: 33%;">L1</th> <th style="width: 33%;">AS</th> <th style="width: 33%;">US</th> </tr> <tr> <td>Internal</td> <td>3</td> <td>0</td> </tr> <tr> <td>External</td> <td>0</td> <td style="border: 2px solid black;">3</td> </tr> </table>	<b>Credits available</b>			L1	AS	US	Internal	3	0	External	0	3
<b>Credits available</b>														
L1	AS	US												
Internal	3	0												
External	0	3												
<b>Learning Strategies:</b>	<p>Students will study real world situations, carry out investigations and interviews, undertake research and develop decision making skills. These activities will be carried out on an individual, pair and group basis.</p>													
<b>Assessment:</b>	<p>Unit tests, project and assignment work and an end of year exam. 90981Accounting - Make a financial decision for an individual or a group [Internal, 3 credits]</p>													
<b>Equipment:</b>	<p>Notebook (2B5), calculator, ruler, black, blue &amp; red pens, coloured pencils, protractor</p>													

YEAR 11 ACCOUNTING		11ACC														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>5*</td> <td>0</td> </tr> <tr> <td>External</td> <td>12</td> <td>17*</td> </tr> </tbody> </table>			Credits available			L1	AS	US	Internal	5*	0	External	12	17*
Credits available																
L1	AS	US														
Internal	5*	0														
External	12	17*														
<b>Pre requisites:</b>	Open Entry															
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>Keeping financial records and preparation of financial statements for small entities.</li> <li>Understanding basic accounting concepts and the characteristics of different business organisations, using financial information for decision making.</li> </ul>															
<b>Learning strategies:</b>	Identification of financial data, investigation of financial reports, preparation of accounts.															
<b>Assessment:</b>	Achievement Standards 90976 Demonstrate understanding of accounting concepts for small entities [External, 3 credits, Literacy] 90977 Process financial transactions for a small entity [Internal, 5 credits] 90978 Prepare financial statements for sole proprietors [External, 5 credits] 90980 Interpret accounting information for sole proprietors [External, 4 credits, Literacy] <i>* The following standard may be offered at the discretion of the subject teacher</i> 90979* Prepare financial information for a community organisation's annual general meeting [Internal, 4 credits, Literacy]															
<b>Cost/Equipment:</b>	Workbooks \$36 (approx)															

YEAR 11 ECONOMICS		11ECO		
<b>Qualification:</b>	NCEA Level 1 credits	<b>Credits available</b>		
<b>Pre requisites:</b>	Open Entry	<b>L1</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	The course will begin with an investigation of the interaction of consumers and producers in the market place. This will involve developing the key concepts of demand, supply and market equilibrium. Students will also investigate the impacts of a government decision, taking into consideration differing viewpoints that exist in the community. Finally, the course will look at the broader picture of the New Zealand economy and the independence of sectors within it.	Internal	7	0
		External	12	19
<b>Learning strategies:</b>	Students will use real life scenarios to apply the concepts developed in this course. By carrying out interviews students will find out the differing viewpoints people have in relation to an actual government decision such as cutting funding to community education. All course materials will be made available through the school website, allowing students to study at their own pace and to work collaboratively.			
<b>Assessment:</b>	Achievement Standards			
	90983 Demonstrate understanding of consumer choices, using scarcity and/or demand [External, 4 credits, Literacy]			
	90985 Demonstrate understanding of producer choices using supply [External, 3 credits, Literacy]			
	90986 Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium [External, 5 credits, Literacy]			
	90987 Demonstrate an understanding of a government choice where affected groups have differing viewpoints [Internal, 4 credits, Literacy]			
	90988 Demonstrate understanding of interdependence of sectors of the New Zealand economy [Internal, 3 credits, Literacy]			
<b>Cost/Equipment:</b>	Workbook \$20			

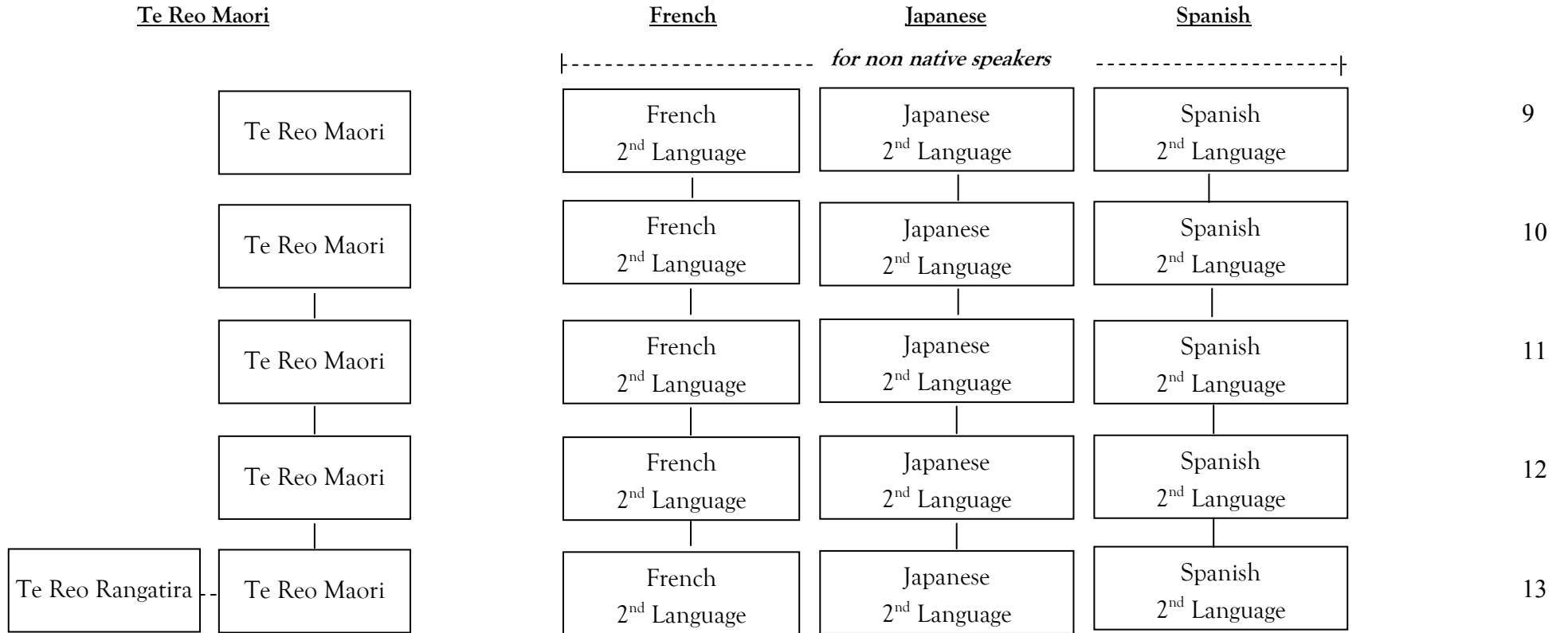
<b>YEAR 12 ACCOUNTING</b>		<b>12ACC</b>		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisites:</b>	12 credits in NCEA Accounting Level 1.	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Use of computer software to process accounting information. Investigation and reporting on accounting sub-systems. Analysing and interpreting financial information. Understand and apply basic accounting concepts.	Internal	7	0
		External	13	20*
<b>Learning strategies:</b>	Case studies on different business organisations, investigation of financial accounts, preparation of accounts and final accounts.			
<b>Assessment:</b>	Achievement Standards 2.1 Demonstrate understanding of accounting concepts for a sole proprietor that operates accounting subsystems [External, 4 credits] 2.2 Demonstrate understanding of accounting subsystem for a trading firm [Internal, 3 credits] 2.3 Demonstrate understanding of accounting processing [Internal, 4 credits] 2.4 Prepare financial information for an entity that operates accounting subsystem [External, 5 credits] 2.5 Interpret accounting information for sole proprietors that operate accounting subsystems [External, 4 credits]			
<b>Cost/Equipment:</b>	Workbooks \$34 (approx)			

<b>YEAR 12 ECONOMICS</b>		<b>12ECO</b>		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisites:</b>	NCEA Level 1 or 12 credits in Economics at Level 1 or at the discretion of the HOD.	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	The issues of international inflation, trade and economic growth.	Internal	10	0
<b>Learning strategies:</b>	Analysis of economic issues using real world statistics and economic models. An investigation of an economic policy issue based on primary and secondary sources.	External	12	22
<b>Assessment:</b>	Achievement Standards 2.1 Describe Inflation [External, 4 credits] 2.2 Describe International Trade [External, 4 credits] 2.3 Describe Growth [External, 4 credits] 2.4 Process, Present and Analyse statistical data [Internal, 4 credits] 2.6 Analyse Government Policy [Internal, 6 credits]			
<b>Cost/Equipment:</b>	Year 12 Workbooks \$25			

YEAR 13 ACCOUNTING		13ACC														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>5</td> <td>0</td> </tr> <tr> <td>External</td> <td>19</td> <td>24</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	5	0	External	19	24
Credits available																
L3	AS	US														
Internal	5	0														
External	19	24														
<b>Pre requisites:</b>	12 credits in NCEA Level 2 Accounting															
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>Accounting for companies, partnerships and manufacturing concerns.</li> <li>The conceptual basis for Accounting.</li> <li>The Accounting System; cost-volume-profit analysis and document flow charting.</li> </ul>															
<b>Learning strategies:</b>	Investigation of public company financial reports, preparation of financial reports and analysis of financial reports.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90500 Describe and apply the conceptual basis of accounting in context for business entities [External, 4 credits]</p> <p>90501 Process financial information for partnerships and companies [External, 3 credits]</p> <p>90502 Process financial information for a manufacturing job cost sub-system [External, 3 credits]</p> <p>90503 Report financial information for partnerships and companies [External, 6 credits]</p> <p>90504 Prepare a report which analyses and interprets a company's financial report for external users [Internal, 5 credits]</p> <p>90505 Explain and prepare information for management decision making [External, 3 credits]</p>															
<b>Cost/Equipment:</b>	Set of 4 workbooks \$90 (approx)															

YEAR 13 ECONOMICS		13ECO														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>5</td> <td>0</td> </tr> <tr> <td>External</td> <td>19</td> <td>24</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	5	0	External	19	24
Credits available																
L3	AS	US														
Internal	5	0														
External	19	24														
<b>Pre requisites:</b>	NCEA Level 2 or 10 credits from Level 2 Economics, or at discretion of HOD.															
<b>Main area of study:</b>	<ul style="list-style-type: none"> <li>Resource allocation via the market system; the key ideas involved in the operation of the market.</li> <li>Resource allocation via the public sector; the part governments play in allocating resources particularly where the market fails.</li> <li>Macro-economics; understand the workings of the economy as a whole and understand the effect of government policy.</li> </ul>															
<b>Learning strategies:</b>	Investigations; critical analysis of government intervention in the economy; the application of economic theory and analysis to real world, micro and macro economic issues.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90629 Understand marginal analysis and the behaviour of firms [External, 5 credits]</p> <p>90630 Describe an economic problem, allocative efficiency, and market response to change [External, 4 credits]</p> <p>90631 Describe market failure and government intervention to correct market failure [External, 4 credits]</p> <p>90632 Describe and illustrate aggregate economic activity [External, 6 credits]</p> <p>90778 Collect and process information, and carry out an economic analysis [Internal, 5 credits]</p>															
<b>Cost/Equipment:</b>	Workbooks \$20															

# MAORI & INTERNATIONAL LANGUAGES



## Criteria for Advancement 2012

Subject	Level	Entry Requirements
French	Year 10	Year 9 French
Japanese	Year 10	Year 9 Japanese
Maori	Year 10	Year 9 Te Reo Māori or at the discretion of the HOD
Spanish	Year 10	Year 9 Spanish
French	1	Year 10 French
Japanese	1	Year 10 Japanese
Maori	1	Year 10 Te Reo Māori
Spanish	1	Year 10 Spanish
French	2	Minimum of 12 credits in NCEA French Level 1 or with HOD approval
Japanese	2	Minimum of 12 credits in NCEA Japanese Level 1 or with HOD approval
Maori	2	Minimum of 12 credits at NCEA Te Reo Māori Level 1 or with HOD approval
Spanish	2	Minimum of 12 credits in NCEA Spanish Level 1 or with HOD approval
French	3	Minimum of 12 credits in NCEA French Level 1 or with HOD approval
Japanese	3	Minimum of 12 credits in NCEA Japanese Level 1 or with HOD approval
Maori	3	Minimum of 12 credits at NCEA Te Reo Māori Level 2 or with HOD approval
Spanish	3	Minimum of 12 credits NCEA Spanish Level 2

Entry into senior courses is based on the individual student's achievement in that, or related, subjects. It may be possible to waive an entry requirement in specific cases after consultation with the HOD and Dean of the level.

*The assessment information listed in this directory is accurate at the time of printing but may be subject to change as draft standards are revised. The Course Outline provided to students in their subject classes at the start of 2012 may therefore differ from the assessment information listed within this directory.*

**YEAR 10 TE REO MAORI****10MAO**

<b>Pre requisite:</b>	<p>Year 9 Te Reo Māori or at the discretion of the HOD.</p> <p>An interest in Te Reo Māori and Māoritanga.</p> <p>This course is a study of language, traditions and customs. An awareness of things Māori is expected.</p> <p>The aims of this course are:-</p> <ul style="list-style-type: none"> <li>- to enable students to understand and acknowledge Tikanga Māori</li> <li>- to enable students to grow in their ability to understand and speak Māori</li> <li>- to provide opportunities to read and write Māori</li> </ul> <p>Our Language is about our lives and students will learn Māori in a communicative way – to exchange real information for authentic reasons.</p> <p>Learning is assisted by use of videos, CD Roms, Internet, and the opportunity to produce art and crafts to support Tikanga Māori.</p>
<b>Main area of study:</b>	<p>Taku Whānau, Taku Kainga: Home and family; Taku Kura: School. Te Haere ki te taone – Town. Kai and Manaakitanga – Food and hospitality.</p>
<b>Learning strategies:</b>	<p>Research, communication-based activities and games, role play and a range of speaking, listening, reading and writing activities.</p>
<b>Assessment:</b>	<p>Standards Based Assessment</p>
<b>Cost/Equipment:</b>	<p>1x 1B5 work book, 1x Clearfile Homework book (\$15)</p>

YEAR 11 TE REO MAORI		11MAO		
<b>Qualification:</b>	Level 1 NCEA credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Completion of Year 10 Te Reo Māori.	L1	AS	U
<b>Main area of study:</b>	Students will learn to use basic Māori language patterns spontaneously. The opportunity will be given to experiment with new language and to read independently. Students will also learn to write short passages, personal letters, and simple formal letters in te reo Māori appropriate for Level 6 of the curriculum.	Internal	6	0
		External	12	18*
<b>Learning strategies:</b>	Research, communication-based activities and games, conversational skills, use different forms of writing and a wide range of reading, writing, speaking and listening activities.			
<b>Assessment:</b>	Achievement Standards			
	91085 Whakarongo kia mōhio ki te reo o tōna ao mōhio. [Internal, 6 credits, Literacy]			
	91086 Kōrero kia whakamahi i te reo o tōna ao. [Internal, 6 credits, Literacy]			
	91087 Pānui kia mōhio ki te reo o tōna ao mōhio. [External, 6 credits, Literacy]			
	91088* Tuhi kōrero i te reo o tōna ao mōhio. [External, 6 credits, Literacy]			
	91089* Whakamahi rauemi hei hanga tuhinga i te reo o tōna ao mōhio. [Internal, 6 credits, Literacy]			
	* Available to students at the discretion of the HOD			
<b>Cost/Equipment:</b>	1x Notebook, 1x 1B5, 1x Clearfile			

YEAR 12 TE REO MAORI		12MAO		
<b>Qualification:</b>	Level 2 NCEA credits	<b>Credits available</b>		
<b>Pre requisite:</b>	12 credits at NCEA Level 1 in Te Reo Māori.	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Students will take part in general conversations and will also learn to contribute relevant comments. They will learn how to explain and discuss many of their own ideas and opinions and use te reo Māori creatively. They will also read a variety of authentic te reo Māori materials and write expressively for a range of purposes.	Internal	10	0
		External	12	22*
<b>Learning strategies:</b>	Research, group work, role play, communicative activities, group work, a range of listening, speaking, reading and writing activities, waiata.			
<b>Assessment:</b>	Achievement Standards			
	2.1 Whakarongo kia mōhio ki te reo o te ao torotoro [Internal, 4 credits]			
	2.2 Kōrero kia whakamahi i te reo o te ao torotoro [Internal, 6 credits]			
	2.3 Panui kia mōhio ki te reo o te ao torotoro [External, 6 credits]			
	2.4 Tuhi i te reo o te ao torotoro [External, 6 credits]			
	2.5* Waihanga tuhinga i te reo o te ao torotoro [Internal, 6 credits]			
	* Available to students at the discretion of the HOD			
<b>Cost/Equipment:</b>	1x Notebook, 1x 1B5, 1x Clearfile			

YEAR 13 TE REO MAORI		13MAO														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>10</td> <td>0</td> </tr> <tr> <td>External</td> <td>10</td> <td>20*</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	10	0	External	10	20*
Credits available																
L3	AS	US														
Internal	10	0														
External	10	20*														
<b>Pre requisite:</b>	12 credits in NCEA Level 2 in Te Reo Māori															
<b>Main area of study:</b>	Students will take part in general conversations and will also learn to contribute relevant comments. They will learn how to explain and discuss their own ideas and opinions and use te reo Māori creatively. They will also read a variety of authentic te reo Māori materials and write expressively for a range of purposes.															
<b>Learning strategies:</b>	Research, communication based activities, seminars, role play, situational dialogue, group discussion, debates, a range of reading, writing, listening and speaking activities. Students who have completed Level 3 Te Reo Māori to a high standard may also be offered Scholarship or Te Reo Rangatira at the discretion of the HOD along with further consultation with whānau and senior management.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90542 Whakarongo i te reo o tōna ao whānui [Internal, 4 credits]</p> <p>90543 Kōrero i te reo o tōna ao whānui [Internal, 6 credits]</p> <p>90781 Panui kia whai maramatanga i te reo [External, 3 credits]</p> <p>90784 Panui kia wetewete i te reo o te ao whānui [External, 3 credits]</p> <p>90782 Whakaoti tuhinga okawa i te reo o te ao whānui [External, 4 credits]</p> <p>90783* Hanga tuhinga auaha i te reo o te ao whānui [Internal, 4 credits]</p> <p>* Available to students at the discretion of the HOD</p>															
<b>Cost/Equipment:</b>	1x Notebook, 1x 1B5, 1x Clearfile Homework workbook (\$15)															

YEAR 10 FRENCH 2 <sup>nd</sup> Language		10FRE
<b>Pre requisites:</b>	Year 9 French	
<b>Main area of study:</b>	Classroom instructions, French customs, talking about yourself, life, home and family, the town, shopping, food, sport and leisure.	
<b>Learning strategies:</b>	This course builds on language skills and uses a topic based approach. Recordings of native speakers and oral practice are important aspects of this communication course.	
<b>Assessment:</b>	Standards based (including an end of year examination).	
<b>Cost/Equipment:</b>	\$15 Language Perfect Subscription	

YEAR 11 FRENCH 2 <sup>nd</sup> Language		11FRE		
<b>Qualification:</b>	NCEA Level 1 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Year 10 French.	<b>L1</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	This course is based around the French curriculum levels 5 & 6 and the NCEA Level 1 French prescription for vocabulary and structure and is taught through topics that also cover cultural content. Topics include holidays, travel in France, Fetes, home, family, friends, one's country, geography, weather, making social arrangements, school, health, getting about town, Paris, people and things - their appearance and qualities, eating and drinking out, enjoying time with family and friends, including sports, leisure, entertainment.	Internal	9*	0
<b>Learning strategies:</b>		External	10	19*
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90878 Listen and Respond. Demonstrate understanding of a variety of spoken French texts relating to areas of most immediate relevance [External, 5 credits]</p> <p>90879 Speak and Present. Give a spoken presentation in French that communicates a personal response [Internal, 4 credits]</p> <p>90881 View and Respond. Demonstrate understanding of a variety of written/visual French texts relating to areas of most immediate relevance [External, 5 credits]</p> <p>90882 Write a variety of text types in French on areas of most immediate relevance [Internal, 5 credits]</p> <p>90880* Interact using spoken French to communicate personal information, ideas and opinions in different situations [Internal, 5 credits]</p> <p>*Standard offered as an extension exercise for students at HOD discretion.</p>			
<b>Cost/Equipment:</b>	\$15 Language Perfect Subscription			

YEAR 12 FRENCH 2 <sup>nd</sup> Language		12FRE		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	Minimum of 12 credits in NCEA Level 1 French or entry at the discretion of the HOD.	L2	AS	US
<b>Main area of study:</b>	This course is based around Level 7 of the French Curriculum and the NCEA Level 2 French prescription for vocabulary and structures. It is taught through topics that include La Sante, La Nouvelle-Zelande, Famille, Copairs et Chez Nous, Les Jeures, Les Vacances, La Nouvelle-Caledonie, Histoires Traditionnelles.	Internal	9*	0
		External	10	19*
<b>Learning strategies:</b>	More work is done to extend the four skills of listening, reading, speaking and writing. Reading is important throughout the year, from small readers, to books and short stories. Students are encouraged to take part in trips such as the Tahiti exchange and trips to New Caledonia.			
<b>Assessment:</b>	Achievement Standards 2.1 Demonstrate understanding of a variety of spoken French texts on familiar matters [External, 5 credits] 2.2 Give a spoken presentation in French that communicates information, ideas and opinions [Internal, 4 credits] 2.4 Demonstrate understanding of a variety of written/visual French text(s) on familiar matters [External, 5 credits] 2.5 Write a variety of text types in French for genuine contexts [Internal, 5 credits] 2.3* Interact using spoken French to share and justify information, ideas and opinions in different situations [Internal, 5 credits] *Standard offered as an extension exercise for students at HOD discretion.			
<b>Cost/Equipment:</b>	\$15 Language Perfect Subscription			

<b>YEAR 13 FRENCH 2<sup>nd</sup> Language</b>		<b>13FRE</b>														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3"><b>Credits available</b></th> </tr> <tr> <th><b>L3</b></th> <th><b>AS</b></th> <th><b>US</b></th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>9</td> <td>0</td> </tr> <tr> <td>External</td> <td>15</td> <td>24</td> </tr> </tbody> </table>			<b>Credits available</b>			<b>L3</b>	<b>AS</b>	<b>US</b>	Internal	9	0	External	15	24
<b>Credits available</b>																
<b>L3</b>	<b>AS</b>	<b>US</b>														
Internal	9	0														
External	15	24														
<b>Pre requisite:</b>	Minimum of 12 credits in NCEA Level 2 in French.															
<b>Main area of study:</b>	The thematic approach is continued. French Curriculum Level 8 is taught through a wide range of topics. As well as developing the four skills, pupils will practise presenting arguments, discussing problems and expressing themselves imaginatively.															
<b>Learning strategies:</b>	Reading is more extensive and forms the basis for writing in French in the exam. Speaking skills are tested. Listening skills are important as tapes used at this level for aural testing are recorded by native speakers. Reading material includes authentic works of a more demanding nature taken from French literature and film.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>90558 Listen and understand complex spoken French in less familiar contexts [External, 6 credits]</p> <p>90559 Give a prepared speech in French using complex language [Internal, 3 credits]</p> <p>90560 Converse in French using complex language in less familiar contexts [Internal, 3 credits]</p> <p>90561 Read and understand written French containing complex language in less familiar contexts [External, 6 credits]</p> <p>90562 Write text in French using complex language on a less familiar topic [External, 3 credits]</p> <p>90563 Write crafted text in French using complex language with the support of resources [Internal, 3 credits]</p>															
<b>Cost/Equipment:</b>	\$15 Language Perfect Subscription															

<b>YEAR 10 JAPANESE 2<sup>nd</sup> Language</b>		<b>10JAP</b>
<b>Pre requisite:</b>	Year 9 Japanese course	
<b>Main area of study:</b>	Mastering the Japanese syllabic alphabets Hiragana and Katakana. Developing the skills to talk about yourself and your life, including talking about your family and other people, hobbies, sports, school, food, houses. Study of Japanese culture is ongoing and an integral part of the course. Kanji (Chinese characters) are introduced.	
<b>Learning outcomes:</b>	To create an environment where Japanese is used naturally as part of the daily routine, encouragement is given to develop confidence in aural and oral skills.	
<b>Assessment:</b>	Standards based (including an end of year examination)	
<b>Cost/Equipment:</b>	\$15 Language Perfect Subscription	

<b>YEAR 11 JAPANESE 2<sup>nd</sup> Language</b>		<b>11JAP</b>														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3"><b>Credits available</b></th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>9*</td> <td>0</td> </tr> <tr> <td>External</td> <td>10</td> <td>19*</td> </tr> </tbody> </table>			<b>Credits available</b>			L1	AS	US	Internal	9*	0	External	10	19*
<b>Credits available</b>																
L1	AS	US														
Internal	9*	0														
External	10	19*														
<b>Pre requisite:</b>	Year 10 Japanese. Students beginning in Year 11 are unlikely to experience success and are therefore discouraged from doing this course.															
<b>Main area of study:</b>	This course consolidates and extends the topics/skills of Year 9 & 10 and is based on the Japanese Curriculum Levels 5 & 6 and the NCEA Level 1 prescription. Students must cover: introductions, classroom, weather and seasons, shopping, times and dates, family, home, town and around, sport/leisure/hobbies, eating and drinking, health, school, travel and holidays. Kanji as prescribed.															
<b>Learning outcomes:</b>	Students should be able to function aurally and orally in an environment where Japanese is used naturally on a daily basis.															
<b>Assessment:</b>	<p>Achievement Standards:</p> <p>90893 Listen and respond. Demonstrate understanding of a variety of spoken Japanese texts relating to areas of most immediate relevance [External, 5 credits]</p> <p>90894 Speak and Present. Give a spoken presentation in Japanese that communicates a personal response [Internal, 4 credits]</p> <p>90896 View and Respond. Demonstrate understanding of a variety of written/visual Japanese texts relating to areas of most immediate relevance [External, 5 credits]</p> <p>90897 Write a variety of text types in Japanese on areas of most immediate relevance [Internal, 5 credits]</p> <p>90895* Interact using spoken Japanese to communicate personal information, ideas and opinions in different situations [Internal, 5 credits]</p> <p><i>*Standard offered as an extension exercise for students at HOD discretion.</i></p>															
<b>Cost/Equipment:</b>	\$15 Language Perfect Subscription															

YEAR 12 JAPANESE – 2 <sup>nd</sup> Language		12JAP		
<b>Qualification:</b>	NCEA Level 2 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	NCEA Level 1 minimum of 12 credits in Japanese.	<b>L2</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Topics for Year 12 include: family life, eating & drinking, the Japanese school system and leisure activities. The course provides opportunities for students to develop more sophisticated communication skills. This is a balanced course of reading, writing, listening and speaking based on Japanese Curriculum Level 7.	Internal	9*	0
<b>Learning strategies:</b>	Reading practice and Kanji writing practice. Knowledge of Japanese attitudes and customs will be acquired by explanations of language usage in a variety of contexts. Students should be able to participate actively in oral and aural situations. Authentic tapes and videos are used where possible. Students are encouraged to take part in a trip to Japan.	External	10	19*
<b>Assessment:</b>	Achievement Standards 2.1 Demonstrate understanding of a variety of spoken Japanese texts on familiar matters [External, 5 credits] 2.2 Give a spoken presentation in Japanese that communicates information, ideas and opinions [Internal, 4 credits] 2.4 Demonstrate understanding of a variety of written/visual Japanese text(s) on familiar matters [External, 5 credits] 2.5 Write a variety of text types in Japanese for genuine contexts [Internal, 5 credits] 2.3* Interact using spoken Japanese to share and justify information, ideas and opinions in different situations [Internal, 5 credits] <i>*Standard offered as an extension exercise for students at HOD discretion.</i>			
<b>Cost/Equipment:</b>	\$15 Language Perfect Subscription			

YEAR 13 JAPANESE – 2 <sup>nd</sup> Language		13JAP		
<b>Qualification:</b>	NCEA Level 3 credits	<b>Credits available</b>		
<b>Pre requisite:</b>	NCEA Level 2 minimum of 12 credits in Japanese.	<b>L3</b>	<b>AS</b>	<b>US</b>
<b>Main area of study:</b>	Japanese Curriculum Level 8 is delivered through topics which include: the land and people of Japan, travel and tourism, Japan at work, communication and the media.	Internal	9	0
<b>Learning strategies:</b>	Read and write Kanji; listening and speaking. Students are encouraged to use Japanese as much as possible and to listen to and view as much authentic material as possible.	External	12	21
<b>Assessment:</b>	Achievement Standards: 90570 Listen to and understand spoken Japanese in less familiar contexts [External, 6 credits] 90571 Give a prepared speech in Japanese using complex language [Internal, 3 credits] 90572 Converse in Japanese using complex language in less familiar contexts [Internal, 3 credits] 90573 Read and understand written Japanese, containing complex language, in less familiar contexts [External, 6 credits] 90574 Write text in Japanese using complex language on a less familiar topic [Internal, 3 credits]			
<b>Cost/Equipment:</b>	\$15 Language Perfect Subscription			

<b>YEAR 10 SPANISH 2<sup>nd</sup> Language</b>		<b>10SPA</b>
<b>Pre requisite:</b>	Year 9 Spanish, or at the discretion of the HOD.	
<b>Main area of study:</b>	Hobbies and free time, finding your way around a city, weather, sport music, festivals. Studying other Spanish speaking countries.	
<b>Learning strategies:</b>	To build confidence in speaking Spanish through authentically set lessons and acquire a daily life vocabulary repertoire. Oral practice is an important aspect of this communicative course.	
<b>Assessment:</b>	Standards based (including an end of year examination)	
<b>Cost/Equipment:</b>	\$15 Language Perfect Subscription	

<b>YEAR 11 SPANISH 2<sup>nd</sup> Language</b>		<b>11SPA</b>														
<b>Qualification:</b>	NCEA Level 1 credits	<table border="1"> <thead> <tr> <th colspan="3"><b>Credits available</b></th> </tr> <tr> <th>L1</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>9*</td> <td>0</td> </tr> <tr> <td>External</td> <td>10</td> <td>19*</td> </tr> </tbody> </table>			<b>Credits available</b>			L1	AS	US	Internal	9*	0	External	10	19*
<b>Credits available</b>																
L1	AS	US														
Internal	9*	0														
External	10	19*														
<b>Pre requisite:</b>	Satisfactory completion of Year 10 Spanish or equivalent.															
<b>Main area of study:</b>	This course is based around the Spanish curriculum levels 5 and 6 and NCEA Level 1 Spanish prescription for vocabulary and structures and is taught through topics that also cover cultural content. Topics include: shopping, fashion, eating and drinking out (with practical experience), travel, describing people, sport and leisure.															
<b>Learning strategies:</b>	To develop all language skill areas through interactive, communicative lessons. Students are encouraged to use Spanish for all classroom interactions and to involve themselves in Spanish language contexts outside of class. Senior students may have the opportunity to consolidate their language skills by taking part in a trip to Mexico.															
<b>Assessment:</b>	Achievement Standards 90908 Listen and respond. Demonstrate understanding of a variety of spoken Spanish texts relating to areas of most immediate relevance [External, 5 credits] 90909 Speak and present. Give a spoken presentation in Spanish that communicates a personal response [Internal, 4 credits] 90911 View and respond. Demonstrate understanding of a variety of written/visual Spanish texts relating to areas of most immediate relevance [External, 5 credits] 90912 Write a variety of text types in Spanish on areas of most immediate relevance [Internal, 5 credits] 90910* Interact using spoken Spanish to communicate personal information, ideas and opinions in different situations [Internal, 5 credits] *Standard offered as an extension exercise for students at HOD discretion.															
<b>Cost/Equipment:</b>	AME Spanish Workbook \$20 \$15 Language Perfect Subscription															

YEAR 12 SPANISH 2 <sup>nd</sup> Language		12SPA														
<b>Qualification:</b>	NCEA Level 2 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L2</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>9*</td> <td>0</td> </tr> <tr> <td>External</td> <td>10</td> <td>19*</td> </tr> </tbody> </table>			Credits available			L2	AS	US	Internal	9*	0	External	10	19*
Credits available																
L2	AS	US														
Internal	9*	0														
External	10	19*														
<b>Pre requisite:</b>	Minimum of 12 credits NCEA Level 1 Spanish or at the discretion of the HOD.															
<b>Main area of study:</b>	Topics for Year 12 include: family life, leisure, education system, future life, holidays and travel, social issues. The course provides opportunities for students to develop more sophisticated communication skills. This is a balanced course of reading, writing, listening and speaking based on the Spanish curriculum level 7.															
<b>Learning strategies:</b>	More work is done to extend the four skills of listening, reading, speaking and writing. Students should be able to participate actively in oral and aural situations. Senior students may have the opportunity to consolidate their language skills by taking part in a trip to Spanish speaking country.															
<b>Assessment:</b>	<p>Achievement Standards</p> <p>2.1 Demonstrate understanding of a variety of spoken Spanish texts on familiar matters [External, 5 credits]</p> <p>2.2 Give a spoken presentation in Spanish that communicates information, ideas and opinions [Internal, 4 credits]</p> <p>2.4 Demonstrate understanding of a variety of written/visual Spanish text(s) on familiar matters [External, 5 credits]</p> <p>2.5 Write a variety of text types in Spanish for genuine contexts [Internal, 5 credits]</p> <p>2.3* Interact using spoken Spanish to share and justify information, ideas and opinions in different situations [Internal, 5 credits]</p> <p><i>*Standard offered as an extension exercise for students at HOD discretion.</i></p>															
<b>Cost/Equipment:</b>	\$15 Language Perfect Subscription															

YEAR 13 SPANISH 2 <sup>nd</sup> Language		13SPA														
<b>Qualification:</b>	NCEA Level 3 credits	<table border="1"> <thead> <tr> <th colspan="3">Credits available</th> </tr> <tr> <th>L3</th> <th>AS</th> <th>US</th> </tr> </thead> <tbody> <tr> <td>Internal</td> <td>6*</td> <td>0</td> </tr> <tr> <td>External</td> <td>15</td> <td>21*</td> </tr> </tbody> </table>			Credits available			L3	AS	US	Internal	6*	0	External	15	21*
Credits available																
L3	AS	US														
Internal	6*	0														
External	15	21*														
<b>Pre requisite:</b>	Minimum of 12 credits NCEA Level 2 Spanish															
<b>Main area of study:</b>	Topics for Year 13 include: <ul style="list-style-type: none"> <li>- tertiary study</li> <li>- the environment</li> <li>- international travel</li> <li>- immigration</li> <li>- technology</li> <li>- TV and media</li> </ul>															
<b>Learning strategies:</b>	This is a balanced course of reading, writing, listening and speaking based on Spanish curriculum level 8. Students continue to develop fluency in all skill areas and have the opportunity to enrol in Scholarship examinations.															
<b>Assessment:</b>	Achievement Standards 90588 Listen to and understand complex spoken Spanish in less familiar contexts [External, 6 credits] 90589 Give a prepared speech in Spanish using complex language [Internal, 3 credits] 90590 Converse in Spanish using complex language in less familiar contexts [Internal, 3 credits] 90591 Read and understand Spanish, containing complex language, in less familiar contexts [External, 6 credits] 90592 Write text in Spanish using complex language on a less familiar topic [External, 3 credits] 90593* Write crafted text in Spanish using complex language with the support of resources [Internal, 3 credits] *Standard offered as an extension exercise for students at HOD discretion.															
<b>Cost/Equipment:</b>	\$15 Language Perfect Subscription															