

# Whangaparaoa College



## **Senior Curriculum and options booklet**

for Year 11 to 13 Courses

2011 Edition

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**Whangaparaoa College**  
Together – Believe – Achieve – Ngātahi whakapono tutuki

## Senior Curriculum and Subject Information

### Welcome

Most of our learners in Years 12 & 13 have reached the age of 16 and are able to leave school and enter the workforce. However we know that youth who leave school with low academic qualifications will not get high paying jobs and this impacts hugely on their future life. Success at school allows people to make greater choices about what they are able to do in their future career.

Futurists believe that youth who are leaving school now will have around eight career changes in their lives. Not eight different jobs but complete career changes. It is important that when making subject choice that learners think not just about their first career choice but later choices as well.

To help with their choices learners should take every opportunity to talk to people and get advice. All learners should be aiming to continue with their education and training beyond school as this is a significant part of a successful career and life.

Year 12 & 13 has extra demands on our learners in terms of greater independent study required and a transition to more academic subjects. Read carefully the information in this booklet about the subjects and how to make wise choices.

I wish all learners well with their future study.

Brian O'Connell  
Principal  
Whangaparaoa College

## **Important Dates for learners at Whangaparaoa College:**

<b>Monday 2<sup>nd</sup> August</b>	Option forms given out to year 8-12 learners
<b>Tuesday 10<sup>th</sup> August</b>	Careers Evening 7-9pm in STA Building
<b>Tuesday 3<sup>rd</sup> August</b>	Senior Options Evening 7-9pm in the Auditorium
<b>Friday 13<sup>th</sup> August</b>	Option forms returned (to tutor teachers)

Most learners will get their option subject choices if they return their option sheets on time. If learners return option sheets late then they may miss out their choices.

- If only a small number of learners choose a course, that course may not run.
- All courses chosen by learners must gain the final approval of the Principal.

## **Careers Information**

Information about careers can be found on the 'Kiwicareers' website: [www.kiwicareers.govt.nz](http://www.kiwicareers.govt.nz). This site is worth browsing – it is constantly updated.

Career education is about the learner reaching the following goals.

- Identify what they want in a job.
- Determine whether their skills/abilities match their career choice.
- Access kiwicareers and gather information.
- Make a plan for the future in relation to college subjects or career plan.

### **Website addresses for Universities & Technical Institutes.**

All have the same format – [www.\\*\\*\\*.ac.nz](http://www.***.ac.nz)

Eg. Auckland University – [www.auckland.ac.nz](http://www.auckland.ac.nz)

### **NZQA accredited courses & providers – [www.kiwiquals.govt.nz](http://www.kiwiquals.govt.nz)**

### **Studylink (Loans & Allowances)**

- Phone 0800 889 900

- [www.studylink.govt.nz](http://www.studylink.govt.nz)

### **Other Useful Websites:**

- [www.modern.apprenticeships.govt.nz](http://www.modern.apprenticeships.govt.nz) (or ph 800 4 Apprentice).
- [www.edCentre.govt.nz](http://www.edCentre.govt.nz) (gateway to 28 govt sites).
- [www.in-transit.govt.nz](http://www.in-transit.govt.nz) (aimed at young people planning their future).
- [www.worksite.govt.nz](http://www.worksite.govt.nz) (information on work & skills in NZ).
- [www.ers.dol.govt.nz](http://www.ers.dol.govt.nz) (employment contracts & entitlements).

Please contact the college on 424 9177 to make an appointment or your child can e-mail. [peterda@wgpcollege.school.nz](mailto:peterda@wgpcollege.school.nz).

Peter Davies

Careers Adviser

## Senior Subject Courses 2011

Senior courses 2010

Area	Year 11		Year 12		Year 13	
	Level 1		Level 2		Level 3	
Languages	English	ENGL101	English	ENGL201	English*	ENGL301
		ENGL102	English	ENGL202		ENGL302
	Alt English	ENGL103				
			Media Studies	MEST201	Media Studies	MEST201
	French*	FREN101	French*	FREN201	French*	FREN301
	GERM101	German	GERM201	German	GERM301	
	MAOR101	Maori*	MAOR201	Maori*	MAOR301	
Maths	Maths and statistics	MATH101	Maths and statistics	MATH201	Calculus*	MATC301
	Statistics and Maths	MATH102	Statistics and Maths	MATH202	Statistics*	MATS301
	Maths (numeracy)	MATH103				
Science	Science (Advanced)	SCIE101	Physics	PHYS201	Physics	PHYS301
	Science	SCIE102	Biology	BIOL201	Biology	BIOL301
			Chemistry	CHEM201	Chemistry	CHEM301
			Science	SCIE201		
Soc.Sci	Geography	GEOG101	Geography	GEOG201	Geography	GEOG301
		GEOG105				
	History	HIST101	History	HIST201	History	HIST301
		HIST105			Art History	ARTH301
					Classical Studies	CLST301
Arts	Practical Art*	ARTC101	Practical Art*	ARTC201	Art (Painting)*	ARPA301
			Art Design	VADS201		
	Drama	DRAM101	Drama	DRAM201	Drama	DRAM301
	Dance	DANC101	Dance	DANC201		
	Music*	MUSP101	Music*	MUSP201	Music*	MUSP301
PE & Health	PE	PHED101	PE	PHED201	PE	PHED301
		PHED102	Outdoor Education	OUED201	Outdoor Education	OUED301
		PHED105				
	Health	HEED105	Health	HEED201	Health	HEED301
Technology	Hard Materials	MTEC101	Hard Materials	MTEC201	Hard Materials	MTEC301
		MTEC105				
	Food & Nut'n	FOTE101	Food & Nut'n	FOTE201	Food & Nut'n	FOTE301
		FOTE105	Hospitality	HOSP201	Hospitality	HOSP301
	Fabric/Fashion	CLTX101	Fabric/Fashion	CLTX201	Fabric/Fash	CLTX301
		CLTX105				
			Info. Technology	INTE201	Info. Technology	INTE301
		Computing	COMP201	Computing	COMP301	
	Graphics	GRAP101	Graphics*	GRAP201	Graphics*	GRAP301
		GRAP105				
Commerce	Economics	ECON101	Economics	ECON201	Economics	ECON301
		ECON105				
	Business Studies	BUST101	Business Studies	BUST201		
			Gateway	GATE201	Gateway	GATE201

<b>Key</b>	
*	Same course at a previous level required, see pre-requisites
<b>Compulsory</b>	Must be taken by all learners, to drop PE requires signature of Principal
<b>Optional</b>	May be taken by any learner as long as the meet pre/co-requisites
<b>Selected Entry</b>	Learners must be approved by Careers Advisor in consultation with SLT

## Course Type and Level of Difficulty

- **101 / 201 courses** are the full courses. They are based on national curriculum documents with mainly achievement standard assessments.  
Total credit value: usually between 16 and 24 credits.  
Run for the whole year with a learning programme of 4 periods each week.
  
- **102 / 202 and 103 courses** are alternative full courses catering for particular learner and / or local needs. These courses are likely to have unit standards as well as achievement standards used for assessment, and / or have a reduced number of total credits offered.  
Total credit value: between 12 and 24 credits.  
Run for the whole year with a learning programme of 4 periods each week.
  
- **105 indicates a short course for level 1 only.** They may have a mixture of achievement and unit standard assessments.  
Total credit value: between 8 and 12 credits.  
Run for the whole year with a learning programme of approximately 2 hours each week.
  
- 100 level courses are Level 1 courses; they are first taken in Year 11. 200 level courses are Level 2 courses. 300 level courses are Level 3 courses.  
**Learners can study a multi-level course programme, consisting of a mixture of courses at Levels 1, 2, and 3, as long as pre-requisites and co-requisites have been met.**
  
- **Transition and sports programmes** at Years 11, 12, and 13 will be developed in conjunction with individual learning programmes.

## Level 1 Subject Choice

### All learners in Year 11 must choose:

- **FIVE** full courses: 4 periods each per week and **TWO** short courses: 2 periods each per week – a total of 7 courses.
- Full courses in **English, Mathematics and Science** (4 periods each per week) **plus PE** as either a full course or short course (4 periods each week as a full course or 2 periods each week as a short course).
- You cannot take any course twice e.g. 11GEOG 101 and 11GEOG 105

Placement into the appropriate course in English, Maths and Science will be made by the HOL of that subject. This placement will be based on results in that subject gained during 2011.

## Level 2 Subject Choice

### All learners in Year 12 must choose:

- **SIX** full courses: 4 periods each per week.
- Learners must choose an **English course** – this may be at Level 1 or Level 2.
- The remaining 5 courses may be selected from any other area.

For your other subject choices consider carefully what courses you are planning to study next year at school in Year 13, and beyond at tertiary level. Consider your interests, abilities in different subjects and your career and life plans.

## Level 3 Subject Choice

### All learners in Year 13 must choose:

- **FIVE** full courses: 4 periods each per week
- Each learner will have one option of study (4 periods per cycle)
- Make sure you see the university entrance information on page 17-20 For further assistance with subject choice.

There are no limitations on your subject choices but make sure you choose carefully. For your subject choices consider the entry requirements to university and to particular tertiary courses you have an interest in studying. Consider your subject interests and abilities and your career and life plans.

- **Courses with prerequisites / prior study requirements for entry: Where a learner wishes to enter a course but does not meet the entry requirements (the prerequisites), the HOD or HOL of that subject must be approached by the learner for entry approval.**
- **Final approval of all courses remains at the discretion of the College Principal.**

## Who to Ask for Further Information

Subject	Teacher	Room
<b>Art</b>	Ms Eustace	V2
<b>Business</b>	Mr Gutteridge	J8
<b>Biology</b>	Mrs Rowlands	S12
<b>Chemistry</b>	Mrs Mueggenburg	S4
<b>Drama</b>	Ms White <i>*HoL Arts</i>	D1
<b>Economics</b>	Mr Gutteridge	J8
<b>English</b>	Ms Culliford <i>*HoL English</i>	C5
<b>French</b>	Mr Fitzgerald <i>*HoL Languages</i>	E5
<b>German</b>	Mr Moss	E4
<b>Geography</b>	Mr Williams <i>*HoL Social Science</i>	B2
<b>Graphics</b>	Mr Carter	T2
<b>History</b>	Mr Burnard	B7
<b>Classical Studies and Art History</b>	Ms McMullen	B6
<b>Hospitality</b>	Mrs Tarr	T10
<b>Information &amp; Communications Tech/Computing</b>	Mrs Digby Smith	J7
<b>Maths</b>	Mr McCartney <i>*HoL Mathematics</i>	A7
<b>Media Studies</b>	Mrs Wilson	J3
<b>Multi materials - Clothing/Textiles</b>	Mrs Davies <i>*HoL Technology</i>	T11
<b>Multi Materials – Hard</b>	Mr Middleton	T13
<b>Music</b>	Miss Jones	M1
<b>Physical Education</b>	Mr Milne <i>*HoL Physical Education.</i>	Gymnasium
<b>Health</b>	Miss Keighley	Gymnasium
<b>Outdoor Education</b>	Mr Bright	Gymnasium
<b>Physics</b>	Mrs Cann	S11
<b>Reo Maori</b>	Mrs Schreurs	Marae
<b>Science</b>	Mr Mueggenburg	S4
<b>Careers information</b>	Mr Davies	Admin office
<b>NCEA and general Y11, Y12 and Y13 course information</b>	Mr Fitzgerald	E5

## **NCEA Option Information 2011**

### **Secondary School Qualifications**

The National Certificate in Educational Achievement (NCEA) is New Zealand's main national qualification for secondary school learners in Years 11, 12 and 13.

Schools can also offer a wide range of specialised National Certificate courses that may be a starting point for further study or may simply broaden general education.

For further information refer to the NCEA Handbook for Learners found at [www.wgpcollege.school.nz](http://www.wgpcollege.school.nz) or visit <http://www.nzqa.govt.nz/ncea/>

- The 'standards and credits' information given for each course in this booklet, may be varied at the start of the course in 2011. Such variation would be made to best suit learner and class needs once learners have made option choices and the classes have been established. Any such variation in 'standards and credits' will be communicated to learners and parents at the beginning of the year before the course starts.
- Each course described in this booklet includes a table of information about 'standards and credits' connected with the course. In these tables the letters 'E' and 'I' and 'AS' and 'US' are used. These letters mean :

#### KEY

E	An Externally assessed standard.
I	An Internally assessed standard.
AS	An 'Achievement Standard' for which the grades of Not Achieved, Achieved, Merit or Excellence are available.
US	A 'Unit Standard' for which the grades of Not Achieved and Achieved are available.

- Both Unit Standard and Achievement Standard assessments are 'worth' credits (usually between 2 and 6 credits). If learners reach the standard required they gain the credits for that standard.

## **Secondary school qualifications**

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Schools can also offer a wide range of specialised National Certificate courses that may be a starting point for further study or may simply broaden general education.

### **How is NCEA assessed?**

For assessment purposes, the skills, knowledge and understandings that are gained when studying subjects are described in detail by 'standards'. Standards come in a range of levels reflecting how demanding they are. Level 1 is the beginning level and Levels 2 and 3 are progressively more demanding. Some standards are assessed internally at school while others are assessed externally in end-of-year exams.

A full year course in a subject is usually assessed with sets of standards worth in total between 18-24 credits.

### **Standards**

In NCEA there are two types of standards : 'achievement standards' and 'unit standards'.

Learning programmes taught at Whangaparaoa College will be assessed using achievement and unit standards most appropriate to the learning and courses that have been followed.

**Achievement standards:** for every Achievement Standard learners will receive a grade of Not Achieved, Achieved, Merit or Excellence. A learner who receives Achieved, Merit or Excellence will gain the credits for that achievement standard. The number of credits does not increase for gaining Merit or Excellence, but the prestige of the award does. In level 3 courses (usually studied in Year 13) Merit and Excellence may have a significant effect on whether or not a learner is eligible to enter certain university courses.

**Unit Standards:** for every Unit Standard, learners will receive a grade of either Not Achieved or Achieved. A learner who receives Achieved will gain the credits for that unit standard. There are no Merit or Excellence grades for Unit Standards.

Credits gained from Achievement and Unit Standards are of equal value and both count towards NCEA qualifications.

**Levels and Credits:** Learners usually start in Year 11 with courses that are assessed using Level 1 standards and progress on to Level 3 courses and standards in Year 13. Some learners study at a mix of levels depending on their ability in particular subjects.

Teachers will explain what has to be done to achieve each standard in the courses taken.

Every standard that is 'achieved' by a learner is worth a set number of credits. Credits are like points towards a qualification, and they mount up until national qualifications are achieved. There are particular requirements for national qualifications at each level of NCEA, and these are described in the section that follows.

### **How are NCEA qualifications gained?**

#### **NCEA Level 1**

When a total of 80 credits at Level 1 have been gained from different subjects being studied there is the award of the NCEA Level 1 National Certificate. To gain this certificate eight of the 80 credit total must be from numeracy standards and eight of the credits must be from literacy standards. Numeracy credits come from courses in Mathematics and Literacy credits can be gained from English or Te Reo Māori standards or a combination of these.

#### **NCEA Level 2**

To gain the award of the NCEA Level 2 National Certificate a total of 80 credits is required. Of these, a minimum of 60 credits must be at Level 2 or above and with another 20 credits at any other level. Credits can be used for more than one qualification, so some NCEA Level 1 credits

can count towards NCEA Level 2. For NCEA Level 2 there are no specific literacy or numeracy requirements.

### **NCEA Level 3**

To gain the NCEA Level 3 National Certificate 80 credits need to be gained, of which 60 must be at Level 3 or above, and 20 at Level 2 or above. The 20 you gain from level 2 can have already been counted for your level 2 certificate.

### **Certificate endorsement**

Learners can gain a merit or excellence certificate in level 1-3, by gaining 50 or more credits at either merit or excellence. Credits counting towards endorsement may be gained over more than one year and more than one level but must be gained at the level of the certificate or above. For example, Level 2 credits will count towards endorsement of a Level 1 NCEA, but Level 1 credits will not count towards endorsement of a Level 2 NCEA.

### **Course endorsement**

Course endorsements will be introduced in 2011.

A course endorsement provides recognition for a student who has performed exceptionally well in an individual course. The key objective of a course endorsement is to motivate students to achieve their potential in one or more courses.

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

- 14 or more credits at Merit or Excellence at the lower level that supports the endorsement
- at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards. Note, this does not apply to Physical Education, Religious Studies and level 3 Visual Arts.

### **University Entrance and University Study**

See pages 15-21 for detail.

### **Scholarship**

Scholarship exams and Scholarship Awards are available in many Level 3 subjects studied for NCEA. Scholarship is externally assessed. It is designed to extend and challenge top-level learners and to financially assist the most able learners to attend university. It is not part of the NQF (National Qualifications Framework). No credits are gained from scholarship exams.

Learners sitting Scholarship are assessed on their ability to think laterally, critically and in the abstract. The exams cover similar content and/or subject understanding as the Level 3 achievement standards, but the standard of answer required to gain a scholarship award is much higher than for Level 3.

### **Frequently Asked Questions**

#### **How do I enter for NCEA?**

All learners must enter for NCEA through an 'accredited provider', usually a secondary or area school, or wharekura. If you're not enrolled at a school - for example, if you're home schooled – you need to find a school to link with.

Schools send candidate entries for NCEA to the New Zealand Qualifications Authority (NZQA) during the year. Entries may be changed, if necessary, later on in the year. Schools inform learners when entries need to be finalised.

During the year the NZQA website [www.nzqa.govt.nz](http://www.nzqa.govt.nz) can be accessed and learner entries for NCEA and personal details of candidates can be checked.

#### **Do I need to enter for whole subjects?**

No - NZQA records entries by separate standards, not by subject.

Schools run a variety of courses and often use combinations of Achievement and Unit Standards for assessment. Staff will give advice and guidance to learners about entries for NCEA standards.

### **How will my work be assessed?**

Each standard is either internally assessed in the school during the year, or externally assessed. Most external assessments are by examination at the end of the year, though for some subjects a portfolio is submitted for assessment or a visiting assessor comes into the school.

### **Exam dates**

External exams for NCEA start in mid-November and end in mid-December. These dates are published at the start of each year on the NZQA website: [www.nzqa.govt.nz](http://www.nzqa.govt.nz) There will be exam timetables displayed within the school.

### **How will I know what to do to achieve a standard?**

As new skills or topics are learnt, teachers will explain what is going to be assessed, how it will be assessed and also the level of performance / quality of answer required to reach the standard required.

Teachers will provide feedback during the learning to both indicate the standard of work being achieved and where improvements are required to reach the standard. Examples of assessment materials in some subjects can be found at <http://www.tki.org.nz/e/community/ncea/support.php>. You can search for the actual standards used to assess your work at <http://www.nzqa.govt.nz/ncea/assessment/index.html>.

### **How will I know that my internal work is marked at the same standard as at other schools?**

During the year, all schools have samples of their internal assessments and learner answers in each subject checked by NZQA's independent moderators. These moderators evaluate work from schools and learners all around the country.

The moderator judgements and comments are sent to teachers and the principal at the school, so they know whether they are correctly applying the national standard.

### **What happens if you do not achieve a standard?**

The school and teachers will indicate what, if any, opportunities there will be for further assessment.

If a standard is internally assessed, there is often a chance for reassessment, though not in every case. For some standards, the school can finalise assessment in the final term, taking into account most of the year's work.

**Remember:** Teachers will be working hard to help learners achieve each standard. They will explain what is needed for achievement in the standard, progress being made towards that achievement and any work improvements that are necessary.

For externally assessed standards, there is only one assessment opportunity - the exam or other external assessment at the end of the year.

### **How does NCEA recognise excellence?**

Achievement Standards do not just set out expectations and requirements for gaining Achievement. The standards also state the level of performance required to meet the 'Merit' or 'Excellence' criteria. Excellence criteria are demanding and learners who 'Achieve with Excellence' for all or most of their standards will be doing very well. Merit and Excellence should be the aim of all learners in NCEA. They are a target to aim for and a standard to aspire to.

### **Results**


In December, the **NZQA website** can be accessed by logging on to it. Here the results of the internally assessed standards that the school has sent to NZQA can be seen.

In January, an **Interim (Provisional) Result Notice** is sent out to all candidates by NZQA. This shows provisional results from the year for both internal and external assessments.

In April each year a personal **Record of Achievement (ROA)** is sent to all candidates by NZQA. This records, all standards achieved so far. The standards achieved each year will be added to it. Even after learners leave school, and perhaps go on to study for other certificates on the NQF, achievements can still be added to the personal ROA of the learner. Candidates can access their own ROA on the NZQA website and can also order a paper copy whenever they wish.

**Example of a Record of Achievement :**

# Record of Achievement



Andrew Steven Learner  
Address 1  
Address 2  
Address 3  
Address 4 Post Code

SAMPLE

**NSN:** 101010101  
**Issued:** 15<sup>th</sup> April 2007

**Qualification and Achievement Summary**

National Qualifications Framework Registered Qualifications	Date
National Certificate of Educational Achievement (Level 3) achieved with merit	31/12/2006
National Certificate of Educational Achievement (Level 2)	08/04/2006
National Certificate of Educational Achievement (Level 1) achieved with excellence	08/04/2005
<b>Scholarship 2006</b>	
Scholarship in Classical Studies (2006)	20/12/2006
<b>New Zealand University Entrance</b>	
University Entrance	9/04/2007

**Standards Achieved**

Each standard can have a range of results including "A" for Achieved, "M" for Achieved with Merit, or "E" for Achieved with Excellence. As some standards can not be awarded all of these results the result code is shown in bold where a candidate has reached the maximum possible result for that standard.

English	Credits	Result	Date
<b>Level 3</b>			
90721 Respond critically to written text(s) studied	3	M	18/12/2006
90723 Respond critically to oral or visual text studied	3	A	18/12/2006
90724 Read and respond critically to unfamiliar prose and poetry texts	3	E	17/12/2006
90722 Respond critically to Shakespearean drama studied	3	A	15/12/2006
90725 Construct and deliver an oral presentation	4	E	27/10/2006
90720 Produce an extended piece of writing in a selected style	4	E	15/09/2006
90726 Complete independent research on a language or literature topic and present conclusions in writing	4	E	15/09/2006
<b>Level 2</b>			
90377 Analyse extended written text(s)	3	M	16/12/2005
90379 Analyse a visual or oral text	3	E	16/12/2005
90378 Analyse short written texts	3	M	12/12/2005
90380 Read unfamiliar texts and analyse the ideas and language features	3	M	10/12/2005
12905 Read an inclusive variety of written texts and record the reading experience	4	A	04/11/2005
90374 Deliver a presentation using oral and visual language techniques	3	M	04/11/2005
90375 Produce crafted and developed creative writing	3	E	04/11/2005
90376 Produce crafted and developed formal transactional writing	3	M	04/11/2005
<b>Level 1</b>			
90054 Read, study and show understanding of extended written text(s)	2	E	15/12/2004
90056 View/listen to, study and show understanding of a visual or oral text	2	E	14/12/2004
90055 Read, study and show understanding of a number of short written texts	2	E	13/12/2004
90057 Read and show understanding of unfamiliar texts	3	E	13/12/2004
90053 Produce formal writing	3	E	11/12/2004
8808 Read an inclusive range of written texts and record the reading experience	3	A	30/10/2004
90052 Produce creative writing	3	E	30/10/2004

Issued: 15/04/2007 15:36

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New Zealand Qualifications Authority, PO Box 160, Wellington 6011, New Zealand, Telephone 64 4 463 3000, www.nzqa.govt.nz

**The NQF and NCEA are widely recognised qualifications both nationally and internationally :**

The NQF and NCEA results are recognised by employers, and used as the benchmark for entry selection by universities and polytechnics. NCEA is New Zealand's national school-leaver qualification. It is included in the publication International Qualifications for Entry into Higher Education, which is used in the UK and internationally for tertiary entrance and selection. A Level 3 NCEA with University Entrance gained is equivalent to 'A level' results in the UK. Level 3 NCEA results have been accepted as for replacement for University Bursaries results in the Interstate Tertiary Index used for entrance to all Australian universities. If candidates give permission on their entry forms, NZQA will send candidate results to Australian authorities early in January.

**Choosing subjects (option choices)**

Choosing subjects to study in the senior school should be based on three things:

1. ABILITY – how good you are at subjects.
2. INTEREST – which subjects you enjoy most.
3. CAREER, OCCUPATION AND FUTURE STUDY INTENTIONS – If you know what career or tertiary course you want to follow, find out what subjects you need to enter these career areas or courses.

Remember the following:

- Keep the course you choose a broad one - across a range of subjects and curriculum areas.
- Make sure you continue studying English, Mathematics and Science for as long as you can.
- Do NOT make a choice based on what your friends are doing or who the teacher is.

## **University Entrance**

Students are qualified for entrance to a university in New Zealand when they have obtained:

- a minimum of 42 credits at Level 3 or higher on the National Qualifications Framework. At least 14 of these credits must come from each of two subjects on an approved subject list and another 14 credits must come from no more than two additional approved subjects (see list below) or domains on the National Qualifications framework.
- a minimum of 14 credits at Level 1 or higher in Mathematics or Pangarau on the National Qualifications Framework
- a minimum of 8 credits at Level 2 or higher in English or Te Reo Māori; 4 credits must be in Reading and 4 credits must be in Writing. The literacy credits will be selected from a schedule of approved achievement standards and unit standards.

An example could be Level 3 English 14 credits; Level 3 History 14 credits and Level 3 Economics 14 credits. Plus 14 credits at Level 1 Mathematics.

## Approved Subjects

Approved subjects are the normal school subjects. Most of the Year 13 subjects at Whangaparaoa College are on the approved subject list. (see below)

Approved Subject	Field/Subfield/Domain/Standards
Accounting	Domain Accounting - Generic
Agriculture & Horticulture	Domain Agricultural & Horticultural Science
Biology	Domain Biology
Chemistry	Domain Chemistry
Chinese	Domain Chinese
Classical Studies	Domain Classical Studies
Computing	Domain Generic Computing US18741 and US18749
Cook Islands Māori	Domain Cook Islands Māori
Dance	Domains Dance Choreography, Dance Performance, Dance Perspectives
Design (Practical Art)	AS90515, AS90516, AS90517 US9072, US9073
Drama	Subfield Drama
Economics	Domain Economics
English	Subfield English
French	Domain French
Geography	Domain Geography
German	Domain German
Graphics	Subfield Design
Health Education	Domain Health Education
History	Domain History
History of Art	Domain Art History
Indonesian	Domain Indonesian
Japanese	Domain Japanese
Korean	Domain Korean
Latin	Domain Latin
Mathematics with Calculus	Domain Trigonometry Domain Geometry Domain Calculus AS90638, AS90639 US5267, US11102, US12344
Statistics and Modelling	Subfield Statistics and Probability AS90644, AS90647 US5256, US5264, US5262, US5272
Media Studies	Domain Media Studies

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Music Studies	Domains Music Studies or Making Music
Painting (Practical Art)	AS90659, AS90663, AS90667 US9066, US9067
Photography (Practical Art)	AS90660, AS90664, AS90668 US9064, US9065
Physical Education	Domain Physical Education
Physics	Domain Physics
Printmaking (Practical Art)	AS90661, AS90665, AS90669 US9069, US9068
Samoan	Domain Samoan
Science	Domain Core Science Domain Earth Science
Sculpture (Practical Art)	AS90662, AS90666, AS90670 US9070, US9071
Spanish	Domain Spanish
Social Studies	Domain Social Studies
Technology	Domain Technology - General Education
Te Reo Rangatira or Te Reo Māori	Subfield Reo Māori

### **Entrance to Auckland University**

To be admitted to the University of Auckland, school leavers must have university entrance. They must also meet the admission requirements for the programme(s) they wish to apply for, such as required subjects, a portfolio or audition.

Applicants for all undergraduate programmes will be ranked. Students are encouraged to do their best in their high school studies to ensure their application is as competitive as possible.

#### **National Certificate of Educational Achievement (NCEA) Level 3**

To be admitted to The University of Auckland you must gain the University Entrance Standard and be selected into a programme.

Students will be allocated a rank score based on their 80 best credits at Level 3 or higher over a maximum of five approved subjects (see below), weighted by the level of achievement attained in each set of credits. If they achieve fewer than 80 credits, the rank score will be based on those credits they have gained at Level 3 over a maximum of five approved subjects and weighted by the level of achievement.

Students are strongly encouraged to take achievement standards as preparation for University studies.

The rank score will be calculated by awarding four points for Excellence, three for Merit and two for Achieved for up to 24 credits in each approved subject taken at Level 3 in the last two years. The maximum available score is 320. This rank score is determines entrance into courses.

There are alternative requirements for Maori and Pacific learners.

## Specific Degree Requirements

Table A	Table B
Classical Studies	Accounting
English	Biology
Geography	Chemistry
History	Economics
History of Art	Mathematics with Calculus
Te Reo Māori	Physics
Te Reo Rangatira	Statistics and Modelling

### University of Auckland Certificate in Foundation Studies - Academic Colleges Group

The degree specific entry requirements below are effective for students applying for entry in 2011. Minimum entry requirements from the Certificate in Foundation Studies to gain guaranteed entry to degrees. Aggregate four subjects excluding ACG English.

Faculty	Programmes	Minimum entry marks from best four or five academic subjects*	IELTS	Additional requirements
Bachelor of Art	Bachelor of Arts	220	IELTS 6.0 with no band below 5.5	Some majors may require 230, ie, Economics.  Psychology major subject to the availability of places
	Bachelor of Theology	220	IELTS 6.0 with no band below 5.5	
Business School	Bachelor of Business and Information Management	230	IELTS 6.0 with no band below 5.5	
	Bachelor of	230	IELTS 6.0 with no	

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	Commerce		band below 5.5	
	Bachelor of Property	230	IELTS 6.0 with no band below 5.5	First semester intake only
National Institute of Creative Arts and Industries	Bachelor of Architectural Studies	320 (in five subjects)	IELTS 6.0 with no band below 5.5	Portfolio. Portfolio. Interview maybe required. First semester intake only.
	Bachelor of Dance Studies	220	IELTS 6.0 with no band below 5.5	Audition. CV and interview. First semester intake only.
	Bachelor of Fine Arts	220	IELTS 6.0 with no band below 5.5	Portfolio. Interview may be required. First semester intake only.
	Bachelor of Music - Performance, Jazz and Popular Music majors	220	IELTS 6.0 with no band below 5.5	Audition. First semester intake only.
	Bachelor of Music - Composition, History and Literature of Music	220	IELTS 6.0 with no band below 5.5	Statement of musical background and experience. First semester intake only.
	Bachelor of Planning	270	IELTS 6.0 with no band below 5.5	By selection. First semester intake only.
	Bachelor of Visual Arts	220	IELTS 6.0 with no band below 5.5	Portfolio and interview. First semester intake only.
Faculty of Education	Bachelor of Education (Teaching)	220	7.0 (see additional requirements)	Supplementary Information Form. Interview. IELTS 7.0 with no band below 6.5.
	Bachelor of Human Services	220	7.0 (see additional requirements)	Supplementary Information Form. Interview. IELTS 7.0 with no band below 6.5.

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	Bachelor of Physical Education	220	7.0 (see additional requirements)	Supplementary Information Form. Interview. IELTS 7.0 with no band below 6.5.
	Bachelor of Social Work	220	7.0 (see additional requirements)	Supplementary Information Form. Interview. IELTS 7.0 with no band below 6.5.
Faculty of Engineering	Bachelor of Engineering (Honours)	340 (in five subjects) 300 (in four subjects)	6.5 (see additional requirements)	Calculus and Physics. IELTS 6.5 with no band below 6.0. First semester intake only.
Faculty of Law	Bachelor of Laws – Part I	LLB Part I students need to enrol for another degree at the same time as LLB Part I. A place in LLB Part I will be offered to any student who is accepted for admission to another bachelor's degree.	IELTS 6.0 with no band below 5.5	Students will be selected into Part II on the basis of their results in Part I
Faculty of Medical and Health Science	Bachelor of Health Sciences	270	IELTS 6.5 with no band below 6.0	One Science subject. First semester intake only if seeking pathway to MBChB, otherwise second semester intake also.
	Bachelor of Medicine and Bachelor of Surgery	N/A		Applicants will be selected on the basis of overlapping year one results, UMAT score and an interview

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	Bachelor of Nursing	270	IELTS 6.5 with no band below 6.0	Limited numbers of places available. Selection by interview.
	Bachelor of Pharmacy	N/A	-	Open to domestic students only
Faculty of Science	Bachelor of Science - Biomedical Science specialisation	270	IELTS 6.0 with no band below 5.5	One Science subject. First semester intake only if seeking pathway to MBChB, Second semester intake subject to the availability of places
	Bachelor of Science - Computer Science major	220	IELTS 6.0 with no band below 5.5	One science subject.
	Bachelor of Science - Sports and Exercise Science major	270	IELTS 6.0 with no band below 5.5	One science subject.
	Bachelor of Science - other majors	220	IELTS 6.0 with no band below 5.5	One science subject. Psychology major subject to the availability of places
	Bachelor of Optometry	N/A		No direct entry. Students apply for BSc (Biomedical Science), complete first year courses
	Bachelor of Technology (Information Technology)	220	IELTS 6.0 with no band below 5.5	One science subject.
	Bachelor of Theology (Biotechnology, Medical Physics & Imaging)	270	IELTS 6.0 with no band below 5.5	One science subject.

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	Technology and Optoelectronics)			
Two Faculties	Conjoint Degrees (without Engineering)	300	6.0+ with no band below 5.5	
	Conjoint Degrees (with Engineering)	340 (in five subjects) 300 (in four subjects)	6.5 (see additional requirements)	Selection. IELTS 6.5 with no band below 6.0.

\*Each subject is out of a maximum mark of 100

## English Department

### English Level 1

Code	ENGL101	Name	English		
Brief description:					
<b>English 101 - English (achievement standards course)</b>					
Brief course description:					
<p>During year 11, learners in the English 101 course will be working toward a programme of NCEA Achievement Standards, they will be offered the opportunity of 3 external standards and 3 internal standards. This course will be offered to learners who have been selected as being capable of working to the levels required to undertake a full achievement standards course.</p> <p>Learners will be required to complete a series of assignments and assessments that will earn them credits, both through internal assessment and external assessment.</p>					
Course pre-requisites or co-requisites:					
<b>Course Prerequisites/ Requirements</b>					
Learners will be working between levels 5 - 6 in the national curriculum, therefore the prerequisite will require students to be working at or above these levels at the time of selection, this will be determined by testing in the 3rd or 4th terms.					
Cost/equipment:					
<b>Course Costs/ Requirements</b>					
4 X 1B5 exercise books.					
1 Homework/workbook/study manual					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
1.1	1	Show understanding of specified aspect(s) of studied written texts	E	4	
1.2	1	Show understanding of specified aspect(s) of studied visual/oral texts.	E	4	
1.3	1	Show understanding of unfamiliar written texts through close reading	E	4	
1.4	1	Produce creative writing	I	3	
1.5	1	Produce formal writing	I	3	
1.6	1	Construct and deliver an oral presentation	I	3	
Total credits				21	

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ENGL102		Name	English	
Brief description:				
<p><b>English 102 - English Achievement Standards/Unit Standards Course.</b>          Brief course description:          During Level 1 learners in the English 102 course will be working toward Achievement Standards, with the opportunity of sitting at least 2 external standards and 4 internal standards. This course will be offered to learners who have been selected as being capable of working to the levels required to undertake these standards.          Learners will be required to complete a series of assignments and assessments that will earn them credits, through an internal and external assessment process.</p>				
Course pre-requisites or co-requisites:				
<p><b>Course Prerequisites/ Requirements</b>          Learners will be working between Levels 4 - 6 in the national curriculum, therefore the prerequisite will require students to be working at or above these levels at the time of selection, this will be determined by testing in the 3rd or 4th terms.</p>				
Cost/equipment:				
<p><b>Course Costs/ Requirements</b>          4 X 1B5 exercise books.          1 Homework/workbook/study manual</p>				
Standards assessed:				
Std. Number	Level	Description	I of E	Credits
1.1	1	Show understanding of specified aspect(s) of studied written texts	E	4
1.2	1	Show understanding of specified aspect(s) of studied visual/oral texts.	E	4
1.4	1	Produce creative writing	I	3
1.5	1	Produce formal writing	I	3
1.6	1	Construct and deliver an oral presentation	I	3
1.7	1	Create a visual and verbal text	I	3
			Total credits	20

Whangaparaoa College Senior Options Booklet 2011

Code	ENGL103	Name	English	
Brief description:				
<b>English 103 - English Achievement Standards/Unit Standards Course.</b>				
Brief course description: During Level 1 learners in the English 103 course will be working toward the Achievement Standard Internals only. This course will be offered to learners who have been selected as being capable of working at the levels required to undertake these standards. Learners will be required to complete a series of assignments and assessments that will earn them credits, through an internal assessment process. While this is an Achievement Standard Internals and Unit Standard course, all requirements of the curriculum will be covered within this course throughout the year, but may not be assessed.				
Course pre-requisites or co-requisites:				
<b>Course Prerequisites/ Requirements</b> Learners will be working between levels 4 - 6 in the national curriculum. There is open entry into this course.				
Cost/equipment:				
<b>Course Costs/ Requirements</b> 4 X 1B5 exercise books.				
Standards assessed:				
Std. Number	Level	Description	I of E	Credits
1.4	1	Produce creative writing	I	3
1.5	1	Produce formal writing	I	3
1.6	1	Construct and deliver an oral presentation	I	3
1.7	1	Create a visual and verbal text	I	3
US 8808	1	Read an Inclusive range of texts in simple forms	I	3
			Total credits	15

## English Level 2

Code	ENGL201	Name	English	
Brief description:				
<b>English 201 - English (achievement standards course)</b>				
Brief course description: During Level 2 learners in the English 201 course will be working toward NCEA Achievement Standards only. This course will be offered to learners who have been selected as being capable of working to the levels required to undertake the achievement standard course. Learners will be required to complete a series of assignments and assessments that will earn them credits, both through internal assessment and external assessment.				
Course pre-requisites or co-requisites:				
<b>Course Prerequisites/ Requirements</b> Learners will be working between levels 6 - 7 in the national curriculum, therefore the prerequisite will require students to be working at or above these levels at the time of selection, elevation to Level 2 is also at the discretion of the Principal.				
Cost/equipment:				
<b>Course Costs/ Requirements</b> 4 X 1B5 exercise books. 1 Homework/workbook/study manual				
Standards assessed:				
Std. Number	Level	Description	I of E	Credits
2.1 90375	2	Produce Crafted and Developed Creative Writing	I	3
2.2 90376	2	Produce Crafted and Developed Formal Writing	I	3
2.3 90377	2	Analyse Extended Written Text	E	3
2.4 90378	2	Analyse Short Written Text	E	3
2.5 90379	2	Analyse Visual or Oral text	E	3
2.6	2	Unfamiliar Text	E	3
2.7 90381	2	Deliver a Presentation using Oral and Visual Language Techniques.	I	3
2.8	2	Research	I	3
US 12905	2	Read and inclusive variety of written texts and record the reading experience.	I	4
			Total credits	28

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Code	ENGL202	Name	English		
Brief description:					
<b>English 202 - English Achievement Standards/Unit Standards Course.</b>					
Brief course description: During level 2 learners in the English 202 course will be working toward Achievement Standards and Unit Standards. This course will be offered to learners who have been selected as being capable of working to the levels required to undertake these standards. Learners will be required to complete a series of assignments and assessments that will earn them credits, through an internal assessment process.					
Course pre-requisites or co-requisites:					
<b>Course Prerequisites/ Requirements</b> Learners will be working between levels 5 - 7 in the national curriculum, therefore the prerequisite will require students to be working at or above these levels at the time of selection, this will be determined by the results of their credits achieved through level 1. Discretion is also sort through the Principal.					
Cost/equipment:					
<b>Course Costs/ Requirements</b> 4 X 1B5 exercise books. 1 Homework/workbook/study manual					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
2.1 90375	2	Produce creative writing	I	3	
2.2 90376	2	Produce formal writing	I	3	
2.3 90377	2	Analyse Extended Written Text	E	3	
2.5 90379	2	Analyse Visual or Oral text	E	3	
2.7 90374	2	Deliver a Presentation using Oral and Visual Language Techniques	I	3	
US 12905	2	Read an inclusive variety of written texts and record the reading experience	I	4	
				Total credits	19

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Code	ENGL203	Name	English		
Brief description:					
<b>English 203 - English Achievement Standards/Unit Standards Course.</b>					
Brief course description: During Level 2 learners in the English 203 course will be working toward Internal Achievement Standards at Level 1 and Unit Standards at Level 2. This course will be offered to learners who have not been successful at gaining the 8 credits required at Level 1 but who will also be able to achieve 13 unit standard credits at Level 2. Learners will be required to complete a series of assignments and assessments that will earn them credits, through an internal assessment process.					
Course pre-requisites or co-requisites:					
<b>Course Prerequisites/ Requirements</b> Learners will be working between Levels 5 - 7 in the national curriculum, therefore the prerequisite will require students to be working at or above these levels at the time of selection, this will be determined by the results of their credits achieved through Level 1.					
Cost/equipment:					
<b>Course Costs/ Requirements</b> 4 X 1B5 exercise books.					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
2.1 90375	2	Produce creative writing	I	3	
2.2 90376	2	Produce formal writing	I	3	
2.7 90374	2	Deliver a Presentation using Oral and Visual Language Techniques	I	3	
2.8 90381	2	<i>Investigate a language or literature topic and present information in written form</i>	I	3	
US 12905	2	Read an Inclusive Range of Written Texts and Record the Reading Experience	I	4	
				Total Credits	16

## English Level 3

Code	ENGL301	Name	English		
Brief description:					
<b>English 301 - English Achievement Standards/Unit Standards Course.</b>					
Brief course description:					
During Level 3 learners in the English 301 course will be working toward NCEA Achievement Standards and one Unit Standard. This course will be offered to learners who have been selected as being capable of working to the levels required to undertake the achievement standard course.					
Learners will be required to complete a series of assignments and assessments that will earn them credits, both through internal assessment and external assessment.					
Course pre-requisites or co-requisites:					
<b>Course Prerequisites/ Requirements</b>					
Learners will be working between levels 6 - 8 in the national curriculum, therefore the prerequisite will require students to be working at or above these levels at the time of selection, this will be determined by the results of their credits achieved through level 2.					
Cost/equipment:					
<b>Course Costs/ Requirements</b>					
4 X 1B5 exercise books.					
1 Homework/workbook/study manual					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
3.1 90720	3	Produce an Extended Piece of Writing in a selected style	I	4	
3.2 90721	3	Respond Critically to written texts (Literature)	E	3	
3.3 90722	3	Respond Critically to Shakespearian Drama studied	E	4	
3.4 90723	3	Respond critically to oral or visual text studied	E	3	
3.6 90725	3	Construct and deliver an Oral Presentation	I	4	
3.7 90726	3	Research on a Literature topic	I	4	
				Total credits	22

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Code	ENGL302	Name	English		
Brief description:					
<b>English 302 - English Achievement Standards Course.</b>					
Brief course description:					
<p>During Level 3 learners in the English 302 course will be working toward NCEA Achievement Standards. This course will be offered to learners who have been selected as being capable of working to the levels required to undertake the achievement standard course.</p> <p>Learners will be required to complete a series of assignments and assessments that will earn them credits, both through internal assessment and external assessment. This course differs from the 301 course as it has fewer papers to complete.</p>					
Course pre-requisites or co-requisites:					
<b>Course Prerequisites/ Requirements</b>					
Learners will be working between levels 6 - 8 in the national curriculum, therefore the prerequisite will require students to be working at or above these levels at the time of selection, this will be determined by the results of their credits achieved through level 2.					
Cost/equipment:					
<b>Course Costs/ Requirements</b>					
4 X 1B5 exercise books.					
1 Homework/workbook/study manual					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
8836	3	Produce sustained poetic writing in a range of complex forms.	I	6	
3.2 90721	3	Respond Critically to written texts (Literature)	E	3	
3.4 90723	3	Respond critically to oral or visual text studied	E	3	
3.6 90725	3	Construct and deliver an Oral Presentation	I	4	
3.7 90726	3	Research on a Literature topic	I	4	
Total credits				20	

## Media Studies Level 2

Code	MEST201	Name	Media Studies		
Brief description:					
The media is a powerful force in all our lives. Media literacy is therefore vital for learners in the twenty-first century. It provides a framework to access, analyse, evaluate and create messages in a variety of forms from video to the internet. Learners are encouraged to use their extensive experience as media consumers to critique and produce media texts.					
Course pre-requisites or co-requisites (if any)					
9 Credits at level 1 English.					
Cost/equipment:					
Learners selecting this course will be expected to buy or lease a laptop of the school's specifications. Costs are currently being researched. 4 Gig USB Stick					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
2.1 AS90279	2	Demonstrate Understanding of a Media Genre	E	3	
2.5 AS90280	2	Demonstrate Understanding of narrative conventions in Media text	I	3	
2.7 AS90282	2	Utilise technology in Media production	I	2	
2.6 AS90765	2	Design and Produce a media product and evaluate the process used to create the product.	I	6	
2.2 AS90277	2	Close Read Unfamiliar Text	I	3	
2.4 AS90276	2	Undertake a media genre study	E	3	
				Total credits	22

## Media Studies Level 3

Code	MEST301	Name	Media Studies		
Brief description:					
This course is designed in part to be a continuation of level 2 Media Studies. In year 13 they will investigate the relationship between society and media. Learners will create a short documentary, and look at how society influences genre and vice versa.					
Course pre-requisites or co-requisites (if any)					
12 Credits at level 2 English. 12 Credits at level 2 Media Studies					
Cost/equipment:					
Learners selecting this course will be expected to buy or lease a laptop of the school's specifications. Costs are currently being researched. 4 Gig USB stick					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
3.4 AS90602	3	Understanding of a Media Genre & Society	E	4	
3.1 AS90599	3	Demonstrate Understanding of Media Industry	E	4	
3.6 AS90604	3	Design a concept for a Media product	I	2	
3.8 AS90606	3	Create a Media Product using Appropriate Technology.	I	6	
3.2 AS90600	3	Explore the Language of a medium	I	4	
3.5 AS 90779	3	Investigate an aspect of media and explain its significance for New Zealand	I	4	
Total Credits				24	

## Mathematics Department

### Level 1 Mathematics

Code	MATH101	Name	Level 1 Mathematics and Statistics		
Brief description:					
<p>This course focuses on relational and abstract thinking in order to solve problems in various contexts. It is suitable for all learners who intend to continue taking academic Mathematics and/or Physics courses in Year 12 and Year 13. Learners may be able to progress from this course to MATH201 or MATH202 in Year 12 then Calculus and/or Statistics in Year 13.</p>					
Course pre-requisites or co-requisites (if any)					
<p>Learners should have achieved at least 14 credits from the Unit and Achievement Standards which were assessed in Year 10.</p>					
Cost/equipment:					
<p>\$25 NuLake NCEA 1 Mathematics Workbook. This book contains notes, examples and revision material specifically related to the Achievement Standards in this course. Learners are strongly advised to use this book for revision and home learning. Graphical calculator (eg Texas Instruments TI83+ or Casio fx9750G+) or Scientific calculator (Casio fx-82 or similar. Must have sin, cos and tan buttons). 4 square grid Exercise books (eg 1J8 or similar), Refill, Ruler, Protractor and Compass.</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
Math AS1.1	1	1	Apply numeric reasoning when solving problems	I	4
Math AS1.2	1	1	Apply algebraic methods	E	4
Math AS1.3	1	1	Investigate relationships between tables, equations or graphs	E	4
Math AS1.6	1	1	Apply geometric reasoning	E	4
Math AS1.10	1	1	Investigate a given multivariate data set using the statistical enquiry cycle	I	4
Math AS1.12	1	1	Demonstrate understanding of chance and data	E	4
Total Credits					24

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Code	MATH102	Name	Level 1 Statistics and Mathematics		
Brief description:					
<p>This course focuses on statistical and relational thinking in order to solve problems in various contexts. It is suitable for learners who have shown sufficient knowledge of basic numeracy skills and strategies in Year 10 Mathematics. Learners may be able to progress from this course to MATH202 in Year 12 and Statistics in Year 13. To progress from this course to MATH201 learners would need to catch up on the algebra methods taught in MATH101.</p>					
Course pre-requisites or co-requisites (if any)					
<p>Learners should have achieved at least 8 credits from the Unit and Achievement Standards which were assessed in Year 10.</p>					
Cost/equipment:					
<p>\$25 NuLake NCEA 1 Mathematics Workbook. This book contains notes, examples and revision material specifically related to the Achievement Standards in this course. Learners are strongly advised to use this book for revision and home learning. Graphical calculator (eg Texas Instruments TI83+ or Casio fx9750G+) or Scientific calculator (Casio fx-82 or similar. Must have sin, cos and tan buttons). 4 square grid Exercise books (eg 1J8 or similar), Refill, Ruler, Protractor and Compass.</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
Math AS1.1	1	1	Apply numeric reasoning when solving problems	I	4
Math AS1.3	1	1	Investigate relationships between tables, equations or graphs	E	4
Math AS1.8	1	1	Apply knowledge of geometrical representations	I	3
Math AS1.9	1	1	Apply transformation geometry	I	2
Math AS1.11	1	1	Use the statistical enquiry cycle to investigate bivariate numerical data	I	3
Math AS1.12	1	1	Demonstrate understanding of chance and data	E	4
				Total Credits	20

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Code	MATH103	Name	Level 1 Mathematics for numeracy			
Brief description:						
<p>This course focuses on basic number skills and numeracy strategies in order to solve problems in various contexts. Learners will produce a portfolio of their work throughout the year to show their understanding of the number, measurement and statistics topics. Learners may be entered in the new Numeracy Unit Standards if their portfolios provide sufficient evidence to achieve these standards.</p>						
Course pre-requisites or co-requisites (if any)						
<p>HoL Mathematics will recommend learners take this course if they show insufficient knowledge and understanding of Number and Algebra from 10MATH to successfully attempt either of the Achievement Standards courses.</p>						
Cost/equipment:						
<p>\$15 Units in Mathematics Homework book (Hill). This book contain examples, activities and revision material specifically related to the Unit standards in this course. Learners are strongly advised to use this book for revision and home learning.          Scientific calculator (Casio fx-82 or similar. Must have sin, cos and tan buttons).          4 square grid Exercise books (eg 1J8 or similar), Refill, Ruler, Protractor and Compass.</p>						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
US5223	1	3	Use formulae and equations to solve problems	I	2	
US5224	1	4	Use decimals and percentages to solve problems	I	2	
US5226	1	3	Construct and use tables and graphs	I	2	
US5232	1	3	Determine probabilities in practical situations	I	2	
US8489	1	3	Solve problems which require calculation with whole numbers	I	2	
US8490	1	3	Solve problems using calculations with numbers expressed in different forms (Decimals, fractions and percentages)	I	2	
US8491	1	3	Read and interpret information presented in tables and graphs	I	2	
US8492	1	4	Use standard units of measurement	I	3	
Total Credits					17	

## Level 2 Mathematics

Code	MATH201	Name	Level 2 Mathematics and Statistics		
Brief description:					
<p>This course is for learners who can confidently apply mathematical concepts when solving theoretical and real world problems. A thorough knowledge of algebraic manipulation is essential for success in this course. Learners may be able to progress from this course to MATC301 (Calculus) and/or MATS301 (Statistics and Modelling).</p>					
Course pre-requisites or co-requisites (if any)					
<p>Learners should have achieved at least 14 Level 1 credits from Mathematics Achievement Standards including Algebra [90147] and Graphs [90148] and HoL Mathematics approval.</p>					
Cost/equipment:					
<p>\$25 NuLake NCEA 2 Mathematics Workbook. This book contains notes, examples and revision material specifically related to the Achievement Standards in this course. Learners are strongly advised to use this book for revision and home learning. Graphical calculator (eg Texas Instruments TI83+ or Casio fx9750G+). 4 square grid Exercise books (eg 1J8 or similar), Refill, Ruler, Protractor and Compass.</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
AS90284	2	2	Manipulate algebraic expressions and solve equations	E	4
AS90285	2	2	Draw straightforward non-linear graphs	E	3
US5244	2	4	Demonstrate calculus skills	I	2
AS90286	2	3	Find and use straightforward derivatives and integrals	E	4
AS90287	2	2	Use coordinate geometry methods	E	2
AS90288	2	2	Select a sample and use this to make an inference about the population	I	3
AS90290	2	2	Solve straightforward problems involving arithmetic and geometric sequences	E	2
US5251	2	4	Choose and apply trigonometric methods to solve problems involving lengths and angles	I	3
AS90292	2	2	Solve straightforward trigonometric equations	E	2
Total Credits					25

# Whangaparaoa College Senior Options Booklet 2011

Code	MATH202	Name	Level 2 Statistics and Mathematics		
Brief description:					
<p>This course focuses on statistical and relational thinking in order to solve problems in various contexts. It is suitable for learners who have shown sufficient knowledge of basic numeracy skills and strategies in Year 10 Mathematics. Learners may be able to progress from this course to Statistics in Year 13. To progress from this course to Calculus in Year 13 learners would need to catch up on the algebra and calculus topics taught in MATH201.</p>					
Course pre-requisites or co-requisites (if any)					
<p>Learners should have achieved at least 10 Level 1 credits from Mathematics Achievement Standards and HoL Mathematics approval.</p>					
Cost/equipment:					
<p>\$25 NuLake NCEA 2 Mathematics Workbook. This book contains notes, examples and revision material specifically related to the Achievement Standards in this course. Learners are strongly advised to use this book for revision and home learning. Graphical calculator (eg Texas Instruments TI83+ or Casio fx9750G+). 4 square grid Exercise books (eg 1J8 or similar), Refill, Ruler, Protractor and Compass.</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
US5244	2	4	Demonstrate calculus skills	I	2
US12322	2	3	Demonstrate knowledge of measures and displays used to compare data sets	I	2
US12329	2	3	Investigate an aspect of the history of a mathematics topic or mathematician and present results	I	2
AS90285	2	2	Draw straightforward non-linear graphs	E	3
AS90287	2	2	Use coordinate geometry methods	E	2
AS90288	2	2	Select a sample and use this to make an inference about the population	I	3
AS90289	2	2	Simulate probability situations. Apply the normal distribution.	I	2
AS90290	2	2	Solve straightforward problems involving arithmetic and geometric sequences	E	2
Total Credits					18

### Level 3 Mathematics

Code	13MATC01	Name	Level 3 Calculus		
Brief description:					
<p>This course is for learners who can confidently apply mathematical concepts when solving theoretical and real world problems. A thorough knowledge of algebraic manipulation is essential for success in this course. Learners intending to take a University course in Engineering, Mathematics or Physics should take this course.</p>					
Course pre-requisites or co-requisites (if any)					
<p>Learners should have achieved at least 14 Level 2 credits from Mathematics Achievement Standards (including Algebra [90284] and Calculus [90286]) and HoL Mathematics approval. Scholarship Calculus (Standard 93202) may be offered to students with many Merit and Excellence grades from the Level 2 Mathematics Achievement Standards. Learners can take both Mathematics courses in Year 13 (Calculus and Statistics).</p>					
Cost/equipment:					
<p>\$25 NuLake NCEA 3 Calculus Workbook. This book contains notes, examples and revision material specifically related to the Achievement Standards in this course. Learners are strongly advised to use this book for revision and home learning. Graphical calculator (eg Texas Instruments TI83+ or Casio fx9750G+). 4 square grid Exercise books (eg 1J8 or similar), Refill, Ruler, Protractor and Compass.</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
AS90635	3	2	Differentiate functions and use derivatives to solve problems.	E	6
AS90636	3	2	Integrate functions and use integrals to solve problems.	E	6
AS90637	3	2	Solve problems and equations involving trigonometric functions.	I	4
AS90638	3	2	Manipulate real and complex numbers, and solve equations.	E	5
AS90639	3	3	Sketch graphs of conic sections and write equations related to conic sections.	E	3
Total Credits					24

# Whangaparaoa College Senior Options Booklet 2011

Code	13MATS01		Name	Level 3 Statistics		
Brief description:						
<p>This course is for learners who can confidently apply statistical concepts when solving theoretical and real world problems. Statistics and Modelling is applicable in a wide range of University courses.</p>						
Course pre-requisites or co-requisites (if any)						
<p>Learners should have achieved at least 9 Level 2 credits from Mathematics Standards (preferably including Statistics [AS90288]) and HoL Mathematics approval. Scholarship Statistics (Standard 93201) may be offered to students with many Merit and Excellence grades from the Level 2 Mathematics Achievement Standards. Learners can take both Mathematics courses in Year 13 (Calculus and Statistics).</p>						
Cost/equipment:						
<p>\$25 NuLake NCEA 3 Statistics and Modelling Workbook. This book contains notes, examples and revision material specifically related to the Achievement Standards in this course. Learners are strongly advised to use this book for revision and home learning. Graphical calculator (eg Texas Instruments TI83+ or Casio fx9750G+). 4 square grid Exercise books (eg 1J8 or similar), Refill, Ruler, Protractor and Compass.</p>						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
AS90641 v2	3	2	Determine the trend for time series data.	I	3	
AS90642 v2	3	2	Calculate confidence intervals for population parameters.	E	3	
AS90643 v2	3	2	Solve straightforward problems involving probability.	E	4	
AS90644 v2	3	2	Solve equations.	E	4	
AS90645 v2	3	2	Select and analyse continuous bi-variate data.	I	3	
AS90646 v2	3	2	Use probability distribution models to solve problems.	E	4	
AS90647 v3	3	3	Use a mathematical model involving curve fitting to solve a problem.	I	3	
				Total Credits		24

## Science Department

### Science Level 1

Code	11SCI01	Name	11 Science 101 Advanced		
Brief description:					
This course is an academic course designed for learners who are interested in Science and are looking to take Science at University. This course will run 6 periods a cycle and will have both internal and external NCEA examinations. This course is 1 ½ lines of the timetable so learners must note that this will affect their option choices.					
Course pre-requisites or co-requisites (if any)					
Minimum Merit on all year 10 unit tests					
Cost/equipment:					
Field trip (TBA) Home learning book \$25 Revision book \$20					
Standards assessed: Achievement standards or Unit Standards					
Std. Number	Level	Description	I or E	Credits	
SCI 1.1	1	Demonstrate understanding of aspects of mechanics	E	4	
SCI 1.5	1	Demonstrate an understanding of aspects of acids and bases	E	4	
SCI 1.9	1	Demonstrate understanding of biological ideas relating to genetic variation	E	4	
PHY 1.3	1	Demonstrate understanding of aspects of electricity and magnetism	E	4	
CHE 1.5	1	Demonstrate understanding of aspects of chemical reactions	E	4	
BIO 1.3	1	Demonstrate understanding of biological ideas relating to micro-organisms	E	4	
SCI 1.3	1	Investigate the implication of wave behaviour in everyday life.	I	4	
CHE 1.1	1	Carry out a practical chemistry investigation, with direction.	I	4	
SCI 1.14	1	Demonstrate understanding of carbon cycling.	1	4	
TOTAL CREDITS:				24	

Whangaparaoa College Senior Options Booklet 2011

Code	SCIE102	Name	Year 11 Science 102		
Brief description:					
This course is an academic course that provides hands on experience in 3 main aspects of Science: Biology, Chemistry and Physics. Topics covered include Genetics, Carbon Cycling, Acids and Metals, and Mechanics. There are 3 External exams as well as three practical internally assessed investigations.					
Course pre-requisites or co-requisites (if any)					
Achievement at year 10 level					
Cost/equipment:					
2 x 2B8 Exercise Books Course Workbook \$25 Revision Guide approximately \$20					
Standards assessed: (NOTE Standards maybe modified to match the new Science Matrix 2011)					
Std. Number	Level	Description	I or E	Credits	
Sci 1.1	1	Demonstrate an understanding of mechanics	E	4	
Sci 1.5	1	Demonstrate an understanding of acids and bases	E	4	
Sci 1.9	1	Demonstrate an understanding of genetic variation	E	4	
Sci 1.14	1	Demonstrate an understanding of carbon cycling	I	4	
Px 1.1	1	Carry out a practical physics investigation	I	4	
Sci 1.7	1	Investigate the implications of the properties of metals	I	4	
TOTAL CREDITS:				24	

# Whangaparaoa College Senior Options Booklet 2011

Code	SCIE103	Name	Year 11 Science 103		
Brief description:					
This course is designed for learners who are interested in science but are not planning on taking the separate sciences (Biology, Chemistry or Physics) at Level 2. It is a practical internal standard based course with a focus including Energy, Mechanics, Properties of metals, Micro-organisms, and Carbon cycling					
Course pre-requisites or co-requisites (if any)					
None					
Cost/equipment:					
2 x 2B8 Exercise Books Course Workbook \$25					
Standards assessed: (NOTE Standards maybe modified to match the new Science Matrix 2011)					
Std. Number	Level	Description	I or E	Credits	
Sci 1.4	1	Demonstrate and understanding of the implications of heat	I	4	
Px 1.2	1	Demonstrate understanding of the physics of an application	I	2	
Sci 1.7	1	Investigate the implications of the properties of metals	I	4	
Sci 1.14	1	Demonstrate an understanding of carbon cycling	I	4	
Sci 1.11	1	Investigate interactions between humans and micro-organisms	I	4	
<b>TOTAL CREDITS:</b>				<b>18</b>	

## Science Level 2

Code	12SCI	Name	Year 12 Science Practical		
Brief description:					
This is a practical course designed for learners who enjoy science but do not wish to take separate science or science at University. It will be composed of internal and external NCEA achievement standards.					
Course pre-requisites or co-requisites (if any)					
none					
Cost/equipment:					
2 x 2B8 Exercise Books Home learning book \$20 Field Trip \$35					
Standards assessed: (NOTE Standards maybe modified to match the new Science Matrix 2011)					
Std. Number	Level	Description	I or E	Credits	
AS90312	2	<b>Carry out a practical scientific investigation with supervision - rockets</b>	I	4	
AS 90764	2	<b>Describe the nature and life cycle of stars</b>	E	2	
AS90767	2	<b>Describe New Zealands geological history</b>	E	3	
US6332	2	<b>How related chemical substances meet human needs</b>	I	3	
AS90771	2	<b>Research information to present a scientific report</b>	I	3	
AS90772	2	<b>Describe the factors and processes involved in the evolution of New Zealands plants and animals</b>	E	4	
US8928	2	<b>Use a microscope to investigate biological material</b>	I	3	
<b>TOTAL CREDITS:</b>				<b>22</b>	

## Biology Level 2

Code	BIOL201	Name	Year 12 Biology		
Brief description:					
This course covers a broad range of Biological topics including Plant and Animal structure/function, Cell Biology, Evolution, Genetics and Ecology. It includes both practical and theoretical aspects of Biology and would be well suited to learners wishing to study sciences at University. It is useful for careers such as medicine, physiotherapy, nursing, veterinary, marine science, and environmental science (plus many more). There will also be aspects of the course that will require knowledge of chemical reactions, and chemical bonding.					
Course pre-requisites or co-requisites (if any)					
Year 11 AS 90188 Describe Aspects of Biology – Achieved or higher Strong Chemistry background recommended					
Cost/equipment:					
2 x 2B8 (hard cover) exercise books \$35 Course workbooks \$35 Trip to Tiritiri Matangi					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90459	2	Describe Genetic Variation and Change	E	3	
AS90461	2	Describe concepts and processes relating to Ecology	E	3	
AS90462	2	Describe diversity in the structure and function of animals	E	3	
AS90464	2	Describe cell structure and function	E	3	
AS90460	2	Research	I	3	
AS90457	2	Practical Biological Investigation	I	3	
				<b>TOTAL CREDITS:</b>	<b>18</b>

## Biology Level 3

Code	BIOL301	Name	Year 13 Biology		
Brief description:					
<p>This course is a continuation from the year 12 Biology course and is designed for learners wanting to take Biology at the University level. It covers Genetics, Animal Behaviour and Plant Responses to Environmental Factors, Patterns in Evolution, and Human Evolution. It also includes two internal standards involving researching a Biological issue, and describing Biotechnological Techniques.</p>					
Course pre-requisites or co-requisites (if any)					
12Credits in level 2 Biology standards					
Cost/equipment:					
2x 2B8 notebooks \$25 Course workbook \$80 Field Trips					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
90714	3	Research a Biological Issue	I	3	
90715	3	Role of DNA in Gene Expression	E	4	
90716	3	Animal Behaviour and Plant Responses	E	4	
90717	3	Processes and Patterns in Evolution	E	3	
90718	3	Describe Biotechnological Techniques	I	3	
90719	3	Trends in Human Evolution	E	3	
TOTAL CREDITS:				20	

## Physics Level 2

Code	PHYS201	Name	Physics Level 2		
Brief description:					
<p>Physics is the science that has an impact on all our lives ranging from the mobile phones we use daily to nuclear power stations that generate electricity. This course develops an understanding of the principles and laws of physics in contexts involving light, electricity, radioactivity, and mechanics.</p> <p>Physics uses mathematics as an important tool and it is therefore recommended that learners have good mathematical skills.</p> <p>Learners build their skills in problem solving and communicating ideas and the course is therefore directly applicable to a wide range of careers and tertiary study options including: sciences, engineering, aviation, electronics, computing, medicine, radiotherapy and architecture.</p>					
Course pre-requisites or co-requisites (if any)					
14 credits in level 1 Science (including level 1 Physics 90191) and an achieved in Algebra (level 1 Mathematics 90147)					
Cost/equipment:					
2B8 (hard cover) exercise book, 1mm square graph paper and scientific calculator \$45 for course workbook and revision booklets					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90252	2	Take measurements of physical quantities and analyse data graphically	I	4	
AS90258	2	Demonstrate understanding of physics in an integrated context	I	3	
AS90254	2	Demonstrate an understanding of waves	E	4	
AS90255	2	Demonstrate an understanding of mechanics	E	6	
AS90256	2	Demonstrate an understanding of atoms and radioactivity	E	2	
AS90257	2	Demonstrate an understanding of electricity and electromagnetism	E	5	
TOTAL CREDITS:				<b>24</b>	

## Physics Level 3

Code	PHYS301	Name	Physics Level 3		
Brief description:					
<p>This course is a continuation of the level 2 Physics course and is designed for learners wanting to take Physics at University. Learners build their skills in problem solving and communicating ideas and the course is therefore directly applicable to a wide range of careers and tertiary study options including: sciences, engineering, aviation, electronics, computing, medicine, radiotherapy and architecture.</p> <p>Physics uses mathematics as an important tool and it is therefore recommended that learners have taken a Mathematics 201 course in year 12.</p>					
Course pre-requisites or co-requisites (if any)					
15 credits in level 2 Physics					
Cost/equipment:					
2B8 (hard cover) exercise book, 1mm square graph paper and scientific calculator \$45 for course workbook and revision booklets \$35 Field trip					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90774	3	Carry out a practical physics experiment that leads to a mathematical relationship	I	5	
AS90520	3	Demonstrate understanding of wave systems	E	4	
AS90521	3	Demonstrate understanding of mechanical systems	E	6	
AS90522	3	Demonstrate understanding of atoms, photons and nuclei	E	3	
AS90253	3	Demonstrate understanding of electrical systems	E	6	
<b>TOTAL CREDITS:</b>				<b>24</b>	

## Chemistry Level 2

Code	CHEM201	Name	Year 12 Chemistry		
Brief description:					
<p>This course consists of three theoretical units covering Atomic Structure, Organic Chemistry and Physical Chemistry. However, learners will spend about half of the class time doing practical work from a laboratory workbook to become familiar with advanced equipment used at the senior level. All of the first terms work is internal assessment that builds practical, analytical skills fundamental to continuing with this course.</p>					
Course pre-requisites or co-requisites (if any)					
<p>8 credits in the Level 1 Chemistry course, or gained a merit for <b>AS90189</b> in the Level 1 Science course.</p>					
Cost/equipment:					
<p>Lab Manual and revision guide \$42 Revision Guide \$20</p>					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90305	2	Carry out qualitative analysis	I	3	
AS90763	2	Solve simple quantitative chemical problems	I	2	
AS90306	2	Carry out an acid-base volumetric analysis	I	3	
AS90308	2	Describe the nature of structure and bonding	E	4	
AS90309	2	Describe compounds containing organic functional groups	E	4	
AS90310	2	Describe thermochemical and equilibrium principles	E	5	
AS90311	2	Describe oxidation-reduction reactions	E	3	
TOTAL CREDITS:				24	

## Chemistry Level 3

Code	CHEM301	Name	Year 13 Chemistry		
Brief description:					
<p>This course is designed for learners wishing to continue on in Chemistry at University. It consists of four theoretical units covering Atomic Structure, Redox Reactions, Organic Chemistry and Physical Chemistry. The practical topic covered in the second term involves an extended investigation of a topic of interest that learners work on individually over a period of three weeks.</p>					
Course pre-requisites or co-requisites (if any)					
Learners must have satisfactorily completed NCEA level 2 with a minimum of 15 credits in Chemistry					
Cost/equipment:					
Lab Manual and revision guide \$42 Revision Guide \$20 Extended Practical file, logbook \$18					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90694	3	Carry out an extended practical investigation.	I	4	
AS90695	3	Determine the composition of an oxidant or reductant	I	2	
AS90696	3	Describe oxidation and reduction processes.	E	3	
AS90780	3	Describe properties of particles and thermochemistry.	E	5	
AS90698	3	Describe aspects of organic chemistry.	E	5	
AS90700	3	Describe properties of aqueous systems.	E	5	
TOTAL CREDITS:				24	

## Social Sciences Department

### Geography Level 1

Code	GEOG101	Name	Geography (full course)		
Brief description:					
<p>Geography studies the Earth's features and related human activity – it gives an understanding of people and places. Geography helps us understand our own lives in a global world and the vital issues we face like natural disasters, climatic change, resource use and food supply, human rights and poverty eradication, environmental protection and sustainability. The study of Geography uses a variety of resources including fieldwork to attain these goals. Geography is the key to understanding the intricacies of the world and its human elements.</p>					
Course pre-requisites or co-requisites (if any)					
Open Entry					
Cost/equipment:					
2 x 2B8 exercise books \$20 course workbooks \$40 – Fieldwork					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
1.1	1	Demonstrate geographic understanding of an extreme natural event	E	4	
1.3	1	Demonstrate geographic understanding of sustainability of use of a natural resource	I	3	
1.4	1	Apply concepts and basic geographic skills to demonstrate understanding of a given environment	E	4	
1.5	1	Conduct geographic research, with direction	I	4	
1.6	1	Describe aspects of a contemporary New Zealand geographic issue	I	3	
1.7	1	Describe aspects of a geographic topic at a global scale	I	3	
	1	Access and process information from different media	I	4	
				Total Credits	25

# Whangaparaoa College Senior Options Booklet 2011

Code	GEOG105	Name	Geography (short course)		
Brief description:					
Geography studies the Earth's features and related human activity – it gives an understanding of people and places. Geography helps us understand our own lives in a global world and the vital issues we face like natural disasters, climatic change, resource use and food supply, human rights and poverty eradication, environmental protection and sustainability. The study of Geography uses a variety of resources including fieldwork to attain these goals. Geography is the key to understanding the intricacies of the world and its human elements.					
Course pre-requisites or co-requisites (if any)					
Open Entry					
Cost/equipment:					
2 x 2B8 exercise books \$15 course workbook Fieldtrip - \$40 – Fieldwork					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
1.1	1	Demonstrate geographic understanding of an extreme natural event	E	4	
1.6	1	Describe aspects of a contemporary New Zealand geographic issue	I	3	
1.7	1	Describe aspects of a geographic topic at a global scale	I	3	
	1	Access and process information from different media	I	4	
				Total Credits	14

## History Level 1

Code	HIST101	Name	History (Full course)		
Brief description:					
History at Level One incorporates New Zealand Curriculum changes and provides an over view of trends, developments, and key personalities of the twentieth century. The study of History helps you understand the origins of political and social problems which exist in our world today. The course covers the causes and consequences of events which are significant to New Zealanders, such as World War II, the US Civil Rights movement, and a study on 'Heroes and Villains' such as Hitler, Mussolini, Joseph Stalin, Mao Tse Tung, Pol Pot, Idi Amin and others. You will gather information from historical sources such as artefacts, films, guest speakers, visits to historical sites and using ICT. The study of History develops the valuable skills of communication and analysis - to look beyond the headlines, think critically, ask questions, research, and express your opinions.					
Course pre-requisites or co-requisites (if any)					
Open entry - this course follows from learning in Year 10 Social Studies.					
Cost/equipment:					
2 x 2B8 (hard cover) exercise books, 14B8 lined refill, 20 page clearfile, glue stick Approx. \$20 for field trip cost					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS 1.1	1	Carry out an investigation of an historical event, or place, of significance to New Zealanders.	I	4	
AS 1.2	1	Demonstrate understanding of an historical event, or place, of significance to New Zealanders.	I	4	
AS 1.3	1	Interpret sources of an historical event of significance to New Zealanders.	E	4	
AS 1.4	1	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders.	I	4	
AS 1.5	1	Describe the causes and consequences of an historical event.	E	4	
AS 1.6	1	Describe how a significant historical event affected New Zealand society.	E	4	
				Total Credits	24

# Whangaparaoa College Senior Options Booklet 2011

Code	HIST105	Name	History (Short course)		
Brief description:					
History at Level One provides an over view of trends, developments, and key personalities in the twentieth century. The study of History helps you understand the origins of political and social problems which exist in our world today. The course covers the causes and consequences of events which are significant to New Zealanders, such as World War II, the US Civil Rights movement, and a study on 'Heroes and Villains' such as Hitler, Mussolini, Joseph Stalin, Mao Tse Tung, Pol Pot, Idi Amin and others. The study of History develops the valuable skills of communication and analysis - to look beyond the headlines, think critically, ask questions, research, and express your opinions. This short course covers content in less detail and with fewer standards, but prepares you with the skills and background knowledge which are useful for Level Two History.					
Course pre-requisites or co-requisites (if any)					
Open entry - this course follows from learning in Year 10 Social Studies.					
Cost/equipment:					
2 x 2B8 (hard cover) exercise books, 14B8 lined refill, 20 page clearfile, glue stick Approx. \$15 for field trip cost					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS 1.1	1	Carry out an investigation of an historical event, or place, of significance to New Zealanders.	I	4	
AS 1.2	1	Demonstrate understanding of an historical event, or place, of significance to New Zealanders.	I	4	
AS 1.3	1	Interpret sources of an historical event of significance to New Zealanders.	E	4	
				Total Credits	12

## Economics Level 1

Code	ECON101	Name	Economics (Full Course)		
Brief description:					
<p>This course focuses on the basic operation of our economy; how households and firms freely interact in the marketplace - pursuing their own best interests - resulting in an efficient way of deciding the big economic decisions for New Zealand: what will be produced, how and for whom. The first half of year focuses on how producers operate: by gathering resources and combining them in production-efficient ways to keep costs down and production up. The second half of the year brings the consumers into the picture, and then focuses on how the market system works so that you can understand the forces that affect on your own economic participation.</p>					
Course pre-requisites or co-requisites (if any)					
Open entry - (Although learners who have studied the year 10 Business course may have some advantages)					
Cost/equipment:					
A hard back note book such as a 2B5 and a workbook for \$25. Photocopying costs for materials will be \$20					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
1.1	1	Demonstrate understanding of consumer choices, using scarcity and/or demand	E	4	
1.2	1	Demonstrate understanding of decisions a producer makes about production	E	5	
1.3	1	Economic Theory and Practice	E	3	
1.4	1	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	E	5	
1.5	1	Demonstrate understanding of a government choice where affected groups have different viewpoints	I	4	
1.6	1	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	I	4	
Total Credits				25	

Whangaparaoa College Senior Options Booklet 2011

Code	ECON105	Name	Economics (Short course)		
Brief description:					
Economics is about how the market system decides what and how products are made and distributed in New Zealand, enabling learners to understand the forces that affect on their own economic participation. It provides an ideal introduction to the study of Level 2 Economics the following year.					
Course pre-requisites or co-requisites (if any)					
Open entry – this course follows from learning in year 10 BST.					
Cost/equipment:					
Lined refill, either 3 subject ring binder or 3 40-pocket clear-files, \$15 for course workbooks, approx. \$5 for field trip.					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
1.1	1	Demonstrate understanding of consumer choices, using scarcity and/or demand	E	4	
1.2	1	Demonstrate understanding of decisions a producer makes about production	E	5	
1.4	1	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	E	5	
1.6	1	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	I	3	
				Total Credits	17

## Geography Level 2

Code	GEOG201	Name	Geography (full course)		
Brief description:					
Geography studies the Earth's features and related human activity – it gives an understanding of people and places. Geography helps us understand our own lives in a global world and the vital issues we face like natural disasters, climatic change, resource use and food supply, human rights and poverty eradication, environmental protection and sustainability. The study of Geography uses a variety of resources including fieldwork to attain these goals. Geography is the key to understanding the intricacies of the world and its human elements.					
Course pre-requisites or co-requisites (if any)					
Open Entry					
Cost/equipment:					
2 x 2B8 exercise books \$30 course workbooks Compulsory Fieldtrips - \$30 – Auckland Travel Experience					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
AS90331	2	Explain a natural landscape	E	3	
AS90333	2	Explain disparities in development within or between countries	E	3	
US5091	2	Describe and explain inequalities in development	I	4	
AS90334	2	Apply skills and ideas with direction in a geographic context	E	4	
AS90335	2	Carry out and present directed geographic research	I	5	
AS90336	2	Examine a contemporary geographic issue and evaluate courses of action	I	3	
AS90337	2	Examine a global geographic topic	I	3	
US11083	2	Consider a work of fiction from a geographic perspective	I	2	
				Total Credits	27

## History Level 2

Code	HIST201	Name	History		
Brief description:					
<p>Revolution and reaction are the major themes of the Level Two History course. Learners will focus on historical forces and movements of the nineteenth and twentieth centuries which have shaped our world today, such as imperialism, nationalism, communism, democracy, and indigenous rights. Topics studied include the Origins of World War I, Revolution in Russia, and the Vietnam War from which learners gain an understanding of the significance of these events for New Zealanders. Level Two History further develops valuable communication, analysis, and research skills, which are helpful for many careers such as in the fields of law, medicine, journalism, politics and diplomacy, and marketing etc.</p>					
Course pre-requisites or co-requisites (if any)					
Open entry					
Cost/equipment:					
<p>2 x 2B8 (hard cover) exercise books, 14B8 lined refill, 40 page clear file, glue stick \$50 for field trip cost (approx.) – research visit to Kawau Island (Governor Grey’s Mansion House, Copper Mine etc).</p>					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90465	2	Plan and carry out an historical enquiry	I	4	
AS90466	2	Communicate historical ideas to demonstrate understanding of an historical context	I	4	
AS90468	2	Examine perspectives and responses of, and demonstrate empathy for, people in an historical setting	I	4	
AS90467	2	Examine evidence in historical sources	E	4	
AS90469	2	Examine how a force or movement in an historical setting influenced people’s lives, in an essay	E	4	
AS90470	2	Examine individual or group identity in an historical setting, in an essay	E	4	
				Total Credits	24

## Economics Level 2

Code	ECON201	Name	Economics		
Brief description:					
Economics is about how the market system decides what and how products are made and distributed in New Zealand, enabling learners to understand the forces that determine wealth, standard of living and equity. This course focuses on how we can improve this system for New Zealand, addressing the issues of growth, inflation and trade – topics that are often discussed in the media.					
Course pre-requisites or co-requisites (if any)					
Open entry although the HOD will review all candidates' previous effort and attitude grades at Level 1 to ensure that the Level 2 is appropriate.					
Cost/equipment:					
One 2B5 Hardback Notebook and \$25 workbook. Photocopying for materials \$20					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90794	2	Describe inflation and its causes and effects using economic models	E	4	
AS90795	2	Describe international trade and its causes and effects using economic models	E	4	
AS90796	2	Describe economic growth and its causes and effects using economic models	E	4	
AS90797	2	Process, present and analyse statistical data in relation to given economic issues	I	6	
AS90798	2	Describe government policies in relation to economic issues	E	6	
				Total Credits	24

## Geography Level 3

Code	GEOG301	Name	Geography (full course)		
Brief description:					
<p>Geography studies the Earth's features and related human activity – it gives an understanding of people and places. Geography helps us understand our own lives in a global world and the vital issues we face like natural disasters, climatic change, resource use and food supply, human rights and poverty eradication, environmental protection and sustainability. The study of Geography uses a variety of resources including fieldwork to attain these goals. Geography is the key to understanding the intricacies of the world and its human elements. In addition, Geography as a subject covers your level 3 literacy requirements for University.</p>					
Course pre-requisites or co-requisites (if any)					
HOL discretion					
Cost/equipment:					
2 x 2B8 exercise books \$30 course workbooks Compulsory Fieldtrip – Beach Study approx. \$70					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
AS90701	3	Analyse natural processes in the context of a geographic environment	E	4	
AS90702	3	Analyse a cultural process	E	4	
AS90703 (optional)	3	Explain the contribution of geography to planning and decision-making processes	I	3	
AS90705	3	Carry out and present geographic research with consultation	I	3	
AS90706	3	Analyse a contemporary geographic issue and evaluate a course of action.	I	3	
AS90707	3	Analyse a geographic topic at a global level	I	3	
US11083	3	Consider a work of fiction from a geographic perspective	I	2	
				Total Credits	22

## History Level 3

Code	HIST301	Name	History		
Brief description:					
<p>The study of Early Modern England during the Tudor-Stuart era (16<sup>th</sup> and 17<sup>th</sup> Century). Themes are:</p> <ul style="list-style-type: none"> <li>• Economy and Society – Family life, marriage, the role of women, religion, the Church, popular beliefs</li> <li>• Government and Politics – Elizabeth I as ruler, James I and favourites, Charles I and personal rule.</li> <li>• Revolution, Republic and Restoration – Civil War in England, the Interregnum, Charles II restored.</li> </ul> <p>Level Three History further develops valuable communication, analysis, and research skills, which are helpful for many careers such as in the fields of law, medicine, journalism, politics and diplomacy, and marketing etc.</p> <p>There is an internal assessment based on a field trip to the Waikato to research aspects of the New Zealand Land Wars.</p>					
Course pre-requisites or co-requisites (if any)					
HoL discretion					
Cost/equipment:					
2 x 2B8 (hard cover) exercise books, 14B8 lined refill, 40 page clearfile, glue stick Approx \$75 for field trip cost and Write-On notes.					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90654	3	Plan and carry out independent historical research	I	4	
AS90655	3	Communicate and present historical ideas clearly to show understanding of an historical context	I	5	
AS90656	3	Analyse and evaluate evidence in historical sources	E	5	
AS90657	3	Examine a significant decision made by people in history, in an essay	E	5	
AS90658	3	Examine a significant historical situation in the context of change, in an essay	E	5	
				Total Credits	24

## Economics Level 3

Code	ECON301	Name	Economics		
Brief description:					
<p>The Level 3 course in Economics begins to develop more technical and theoretical approaches to micro and macro economic thinking. The course divides equally into individual firm decision-making issues and also confronts some of the economy issues facing NZ today. The standards offered are demanding but will be rewarding for any learner who has an interest in the future direction of the NZ economy. There is the possibility for some exceptional learners to study at Scholarship Level 4 which has significant monetary rewards for successful candidates.</p>					
Course pre-requisites or co-requisites (if any)					
<p>Open entry. Successful completion of Level 2 Economics would be an advantage. However, learners with out this background can be admitted subject to the approval of the HOD. Consistently positive attitude and a good record of work completion are the key minimum requirements.</p> <p>It is hoped that a field course in conjunction with the Geography department to Singapore at the end of term 2 in 2009 will be offered. This will enhanced the learning experience significantly. More details will be given out at the beginning of the year.</p>					
Cost/equipment:					
A hardback notebook such as a 2B5 will be required and \$25 for a student workbook. Photocopying for materials will be \$20					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90629	3	Understand Marginal Analysis and the behaviour of firms	E	5	
AS90630	3	Describe an economic problem, allocative efficiency and market responses to change	E	4	
AS90631	3	Describe market failure and government interventions to correct market failure	E	4	
AS90632	3	Describe aggregate economic activity	E	6	
AS90778	3	Collect and process information and carry out an economic analysis	I	5	
				Total Credits	25

## History of Art Level 3

Code	ARTH301	Name	Level 3 History of Art		
Brief description:					
Art History is an informative and intellectually rewarding course. The course enables Learners to interpret the meaning of specific paintings, recognise stylistic conventions and understand the function of art within the social context of its time. Careers that relate to Art History may be found in art galleries, museums, government organisations, education, framers, art conservators and restorers, fine art auctioneers, theatre, film, television and publishing.					
Course pre-requisites or co-requisites (if any)					
HOL/HOD discretion. A practical background in art is not necessary in this subject, although a good standard of essay writing is needed to achieve external examinations					
Cost/equipment:					
Refill and binder. Approx. \$45 for photocopying and off site visit/s.					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
90490	3	Analyse style in art	E	5	
90491	3	Examine iconography in art	E	4	
90492	3	Examine media and processes in art	I	3	
90493	3	Explain a theory and its role in art	I	4	
90494	3	Investigate an art history topic	I	4	
90495	3	Examine the context of an art movement	E	4	
				Total Credits	24

### Classical Studies Level 3

Code	CLST301	Name	Level 3 Classical Studies		
Brief description:					
Classical studies seeks to develop the skills of enquiry, interpretation and communication through artistic, literary, philosophical and historical topics. In studying Classics Learners are studying the origins of our own culture. The inter-disciplinary nature of the subject also means that there are links to almost all other subjects. People who have taken Classics have found careers in fields as diverse as foreign affairs, trade and industry, archaeology, law, architecture, drama, museums, art galleries and journalism.					
Course pre-requisites or co-requisites (if any)					
HOD/HOL discretion. Learners are advised that there is only <b>ONE</b> Internal Assessment in this course and the External Examinations require a good level of essay writing skill to be achieved.					
Cost/equipment:					
Refill and binder. Approx. \$45 for attending an off site visit/s.					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
90511	3	Examine and analyse written classical sources in translation	E	6	
90512	3	Examine and explain a work of classical art in its social/historical and artistic context	E	6	
90513	3	Discuss in essay format an aspect of the classical world	E	6	
90514	3	Research an area of Classical studies	I	6	
				Total Credits	24

## Languages Department

### French Level 1

Code	FREN 101	Name	Level 1 French		
Brief description:					
<p>This course follows on from year 10 French and will build on the four language skills of reading, writing, speaking and listening.</p>					
Course pre-requisites or co-requisites (if any)					
Year 10 French					
Cost/equipment:					
\$12 for course workbook.					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
1.1	1	1	Demonstrate understanding of a variety of spoken TARGET LANGUAGE texts.	EXT	5
1.2	1	1	Give a spoken presentation in TARGET LANGUAGE that communicates a personal response	INT	4
1.3	1	1	Interact using spoken TARGET LANGUAGE to communicate personal information ideas and opinions in different situations.	INT	5
1.4	1	1	Demonstrate understanding of a variety of written/visual TARGET/LANGUAGE texts.	EXT	5
1.5	1	1	Write a variety of text types in TARGET/LANGAUAGE .	INT	5
Total Credits					24

## German Level 1

Code	GERM 101		Name	Level 1 German		
Brief description:						
This course follows on from year 10 German and will build on the four language skills of reading, writing, speaking and listening.						
Course pre-requisites or co-requisites (if any)						
Year 10 French						
Cost/equipment:						
\$12 for course workbook.						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
1.1	1	1	Demonstrate understanding of a variety of spoken TARGET LANGUAGE texts.	EXT	5	
1.2	1	1	Give a spoken presentation in TARGET LANGUAGE that communicates a personal response	INT	4	
1.3	1	1	Interact using spoken TARGET LANGUAGE to communicate personal information ideas and opinions in different situations.	INT	5	
1.4	1	1	Demonstrate understanding of a variety of written/visual TARGET/LANGUAGE texts.	EXT	5	
1.5	1	1	Write a variety of text types in TARGET/LANGAUAGE .	INT	5	
Total Credits					24	

## Maori Level 1

Code	MAOR101	Name	Year 11 Maori		
Brief description:					
This is a full year course aimed at those students wishing to extend on the four strands of speaking, writing, reading and listening. Different types of spoken, written and visual texts will be explored and tikanga Māori will be integrated into the course. This programme leads on to Level 2 and Level 3 Te Reo Māori in Years 12 and 13.					
Course pre-requisites or co-requisites (if any)					
Satisfactory attainment with Year 10 Maori or through application for special consideration to the HOD Maori.					
Cost/equipment:					
Photocopied handouts throughout the year NCEA Level 1 Workbook 2x1B8 exercise books Writing equipment					
Standards assessed:					
Std. Number	Level	Description	I/E	Credits	
90131	1	Korero i te reo o tona ao	I	6	
90132	1	Whakarongo i te reo o tona ao	I	6	
90133	1	Tuhituhi i te reo o tona ao	E	6	
90134	1	Panui i te reo o tona ao	E	6	
				Total Credits	24

## French Level 2

Code	FREN 201	Name	Level 2 French		
Brief description:					
Level 2 French expands on material learnt in level 1. Students develop listening, reading, writing and speaking skills in less familiar contexts.					
Course pre-requisites or co-requisites (if any)					
To gain entry learners must have at least 15 credits from Level 1 French. At least 12 of these credits must be external.					
Cost/equipment:					
\$12 for course workbook. 3 1B5 exercise books.					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
90395	2	2	Listen to and understand French in less familiar contexts.	EXT	6
90396	2	2	Give a prepared spoken presentation in French on a less familiar topic	INT	3
90397	2	2	Converse in French in a less familiar context.	INT	3
90398	2	2	Read and understand written language in French in less familiar contexts	EXT	6
90399	2	2	Write text in French on a less familiar topic.	EXT	3
90400	2	2	Produce crafted writing in French on a less familiar topic, with the support of resources.	INT	3
Total Credits					24

## German Level 2

Code	GERM 201		Name	Level 2 German		
Brief description:						
Level 2 German expands on material learnt in level 1. Students develop listening, reading, writing and speaking skills in less familiar contexts.						
Course pre-requisites or co-requisites (if any)						
To gain entry learners must have at least 15 credits from Level 1 German. At least 12 of these credits must be external.						
Cost/equipment:						
\$12 for course workbook. 3 1B5 exercise books.						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
90401	2	2	Listen to and understand German in less familiar contexts.	EXT	6	
90402	2	2	Give a prepared spoken presentation in German on a less familiar topic	INT	3	
90403	2	2	Converse in German in a less familiar context.	INT	3	
90404	2	2	Read and understand written language in German in less familiar contexts	EXT	6	
90405	2	2	Write text in German on a less familiar topic.	EXT	3	
90406	2	2	Produce crafted writing in German on a less familiar topic, with the support of resources.	INT	3	
Total Credits					24	

## Maori Level 2

Code	MAOR201	Name	Year 12 Maori	
Brief description:				
This is a full year course for those students wishing to extend their oral, written, and aural skills in reo Maori. Tikanga Māori is an integral component of this course and standards are offered to complement this learning. This course leads on to Level 3 Te Reo Māori in Year 13.				
Course pre-requisites or co-requisites (if any)				
Achievement of NCEA Level 1 Maori or satisfactory attainment of Year 11 Maori.				
Cost/equipment:				
Photocopied handouts throughout the year 2x1B8 exercise books Writing equipment				
Standards assessed:				
Std. Number	Level	Description	I/E	Credits
AS 90440	2	Korero i te reo o tona ao mohio	I	6
AS 90449	2	Whakarongo i te reo o tona ao mohio	I	4
AS 90757	2	Hanga tuhinga i te reo o tona ao mohio	E	4
AS 90770	2	Tuhituhi i te reo o tona ao mohio	E	4
AS 90441	2	Panui i te reo o ona wheako whaiaro	E	6
US1616 0	2	Describe the activities and characteristics of a selected atua	I	2
US1616 6	2	Explain key concepts and practises associated with powhiri	I	2
			Total Credits	30

## French Level 3

Code	FREN 301		Name	Level 3 French		
Brief description:						
Level 3 French expands on material learnt in level 2. Students develop listening, reading, writing and speaking skills in less familiar contexts.						
Course pre-requisites or co-requisites (if any)						
To gain entry learners must have at least 15 credits from Level 2 French. At least 12 of these credits must be external.						
Cost/equipment:						
\$12 for course workbook. 3 1B5 exercise books.						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
90558	2	2	Listen to and understand French in complex contexts.	EXT	6	
90559	2	2	Give a prepared spoken presentation in French on a complex topic	INT	3	
90560	2	2	Converse in French in a complex context.	INT	3	
90561	2	2	Read and understand written language in French in complex contexts	EXT	6	
90562	2	2	Write text in French on a complex topic.	EXT	3	
90563	2	2	Produce crafted writing in French on a complex topic, with the support of resources.	INT	3	
Total Credits					24	

## German Level 3

Code	GERM 301		Name	Level 3 German		
Brief description:						
Level 3 German expands on material learnt in level 2. Students develop listening, reading, writing and speaking skills in less familiar contexts.						
Course pre-requisites or co-requisites (if any)						
To gain entry learners must have at least 15 credits from Level 2 German. At least 12 of these credits must be external.						
Cost/equipment:						
\$12 for course workbook. 3 1B5 exercise books.						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
90564	2	2	Listen to and understand German in complex contexts.	EXT	6	
90565	2	2	Give a prepared spoken presentation in German on a complex topic	INT	3	
90566	2	2	Converse in German in a complex context.	INT	3	
90567	2	2	Read and understand written language in German in complex contexts	EXT	6	
90568	2	2	Write text in German on a complex topic.	EXT	3	
90569	2	2	Produce crafted writing in German on a complex topic, with the support of resources.	INT	3	
Total Credits					24	

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**Maori  
Level 3**

Code	MAOR301	Name	Year 13 Maori		
Brief description:					
This is a full year course for those students wishing to extend their oral, written, and aural skills in reo Maori. Tikanga Māori is an integral component of this course and standards are offered to complement this learning. Successful achievement of this course is significant to those intending to undertake Maori Studies at post-secondary level.					
Course pre-requisites or co-requisites (if any)					
Achievement of NCEA Level 2 Maori or satisfactory attainment of Year 12 Maori.					
Cost/equipment:					
Photocopied handouts throughout the year 2x1B8 exercise books Writing equipment					
Standards assessed:					
Std. Number	Level	Description	I/E	Credits	
AS 90542	3	Whakarongo i te reo o te ao whanui	I	4	
AS 90543	3	Korero i te reo o te ao whanui	I	6	
AS 90781	3	Panui kia whai marama i te reo o te ao whanui	E	3	
AS 90782	3	Whakaoti tuhinga okawa i te reo o te ao whanui	E	4	
AS 90784	3	Panui kia wetewete i te reo o te ao whanui	E	3	
US 19748	3	Demonstrate knowledge of the history and political development of reo Māori media in Aotearoa	I	5	
US 19749	3	Explain the significance of the Treaty of Waitangi in the development of broadcasting in Aotearoa	I	4	
				Total Credits	29

## Arts Department

### Drama Level 1

Code	DRA01	Name	(Subject area)Drama		
Brief description:					
<p>This course focuses on learners becoming increasingly literate in drama. Learners will work with the elements of role, action, time and space, tension and focus. They will learn to use dramatic conventions and technologies to structure these elements using the devising process. They will also learn to select and apply the drama techniques of voice, body, movement and space. They will analyse a play and learn about a Theatre Form. Learners will engage in a range of responses to drama.</p> <p>This course develops skills, knowledge and confidence which are applicable to Learners in their other school subjects and their lives beyond school.</p> <p>Drama Techniques Elements and Conventions Devising Interpreting Script Analysis of a play Commedia Dell' Arte Knowledge of a Theatre Form</p>					
Course pre-requisites or co-requisites:					
<p>There are no pre-requisites for Drama Level 1. <b>However</b>, Learners are advised that many of the assessments used in this subject depend upon the completion of written assignments as well as performances. Therefore Learners need to be able to plan and communicate effectively through their written and practical work in order to obtain credits in this subject.</p>					
Cost/equipment:					
Refill and folder. \$50.00 to cover the cost of a theatre performance.					
Standards assessed:					
Std. Number (version)	Level	Description	I of E	Credits	
1.1	1	Apply drama techniques in a dramatic context	I	4	
1.2	1	Devise and perform a drama	I	5	
1.3	1	Demonstrate understanding of features of a drama/theatre form	E	4	
1.4	1	Select and use features of a drama/theatre form in a performance	I	4	
1.5	1	Demonstrate understanding of a play that is significant in the development of theatre	I	4	
				Total credits	21

## Dance Level 1

Code	DAN01	Name	Dance		
Brief description:					
This course is designed to give students opportunities to create and perform dance based on interpretation of movement. It serves as preparation for those students who wish to take senior dance as well as developing integrated skills of thinking, moving and expression to communicate ideas and identities across a range of genres.					
Course pre-requisites or co-requisites:					
There are no requirements to do this course. A student with dance, drama or performance experience would be welcome to join the course.					
Cost/equipment:					
Refill and folder. \$50.00 to cover the cost of a Dance performance.					
Standards assessed:					
Std. Number (version)	Level	Description	I of E	Credits	
1.1	1	Compose dance sequences for given briefs	I	6	
1.2	1	Perform dance sequences	I	6	
1.3	1	Demonstrate ensemble skills in a dance	I	4	
1.4	1	Demonstrate understandings of the elements of dance	I	4	
1.6	1	Demonstrate knowledge of a dance genre or style	E	4	
				Total credits	24

## Visual Art Level 1

Code	ARTC101	Name	Level 1 Practical Art		
Brief description:					
Learners are guided to develop a common visual theme using various art mediums with a concentration on Drawing, painting, collage and 3-D elements. The tasks develop their observation, recording, research and personal technique. Internally assessed tasks are used as a basis to produce finished work for the external folio submission.					
Course pre-requisites or co-requisites (if any)					
Year 10 Visual Art preferred.					
Cost/equipment:					
\$90 Includes a Level 1 art pack Trip fee In class art materials over and above the art pack Provided resource sheets					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
AS90019	1	Using drawing processes and procedures. (1.2)	I	5	
AS90020	1	Generate and develop ideas in making art works (1.3)	E	12	
AS90021	1	Extend ideas in other media and techniques.	I	4	
				Total Credits	21

## Music Level 1

Code	11MUS01	Name	Music		
<b>Brief description:</b>					
Learners will perform as soloists and in a group, compose music using music software, and study compositions, of which at least one will be created by a New Zealand composer. Learners will develop their listening and music theory skills to demonstrate their understanding of the materials of Music.					
<b>Course pre-requisites or co-requisites:</b>					
Music theory to grade 3 or higher is an advantage. Standard of performance on an instrument (including voice) to approximately Grade 2 or 3 is recommended. Learners must be enrolled in either itinerant tuition or private tuition for their chosen instrument.					
<b>Cost/equipment:</b>					
Pair of head phones + ¼ Inch to ½ inch adaptor for M3 1 2B5 Notebook 1 Manuscript Pad 1 Revision Book – \$40.00 Cost of attending an out of school performance: \$25.00					
Standards assessed:					
Std. Number (version)	Level	Description	I or E	Credits	
1.1	1	Perform two pieces of music as a featured soloist	I	6	
1.2	1	Demonstrate ensemble skills through performing a piece of music in a group	I	4	
1.3	1	Compose two original pieces of music	I	6	
1.4	1	Demonstrate notation skills through transcription	E	4	
1.5	1	Demonstrate knowledge of conventions used in music scores	E	4	
1.6	1	Demonstrate knowledge of two music works from contrasting contexts	I	6	
Total credits			30		

## Drama Level 2

Code	DRAM201 (full)	Name	DRAMA		
Brief description:					
<p>Theatre Production, Improvisation, Individual performance, Theatre study through performance and study a specific theatre form are the main strands of this course. This course focuses on learners becoming increasingly literate in drama. Learners will work with the elements of role, action, time and space, tension and focus. They will learn to use dramatic conventions and technologies to structure these elements. They will also learn to combine dramatic conventions and technologies with techniques of voice, body, movement and space. Learners will develop drama process skills as well as skills in a range of areas such as acting, directing, playwriting, technical theatre and design. They will learn about the nature and function of drama, dramatic forms, history of drama and styles. Learners will engage in a range of responses to drama.</p> <p>This course develops skills, knowledge and confidence which are applicable to Learners in their other school subjects and their lives beyond school.</p>					
Course pre-requisites or co-requisites (if any)					
<p>There are no pre-requisites for Drama Level 2. However, Learners are advised that many of the assessments used in this subject depend upon the completion of written assignments as well as performances. Therefore Learners need to be able to plan and communicate effectively through their written and practical work in order to obtain credits in this subject.</p>					
Cost/equipment:					
Refill and folder. \$50.00 to cover the cost of theatre performances.					
Standards assessed:					
Std. Number	Level	Description	I/E	Credits	
AS90299	2.1	Apply drama techniques in an improvised group context	I	2	
AS90300	2.2	Apply drama techniques in a group within a scripted context	I	3	
AS90301	2.3	Structure, record and perform devised drama using elements and conventions	I	4	
AS90302	2.4	Apply knowledge of a drama / theatre from or period through performing a role within a presentation	I	5	
AS90303	2.5	perform a substantial acting, technical or productions role	I	5	
AS90304	2.6	Apply knowledge of and make judgements about drama processes and performance in a new context	E	5	
				Total Credits	24

## Dance Level 2

Code	DAN02	Name	Dance		
Brief description:					
<p>This course is designed to give students opportunities to create and perform dance based on interpretation of movement. There is an increasing emphasis on choreographic techniques and performance elements with the course challenging the physical, interpretive and expressive. The students further develop the ability to communicate with a variety of movement genre. The course serves as preparation for those students who wish to take Level 3 Dance, and as a strong foundation for any course which requires self-motivation and application of skills.</p>					
Course pre-requisites or co-requisites:					
<p>There are no requirements to do this course but Level 1 NCEA Dance or equivalent qualification would be helpful. A student with dance, drama or performance experience would be welcome to join the course.</p>					
Cost/equipment:					
Refill and folder. \$50.00 to cover the cost of a Dance performance.					
Standards assessed:					
Std. Number (version)	Level	Description	I of E	Credits	
90293	2	Choreograph a section of dance for a group	I	5	
90294	2	Choreograph a solo dance	I	5	
90295	2	Perform an ethnic or social dance	I	3	
90296	2	Perform in a theatre dance work	I	3	
90297	2	Analyse and discuss a dance performance	E	4	
90298	2	Demonstrate knowledge of influences on a selected dance genre or style	E	4	
				Total credits	24

## Visual Art Level 2

Code	ARTC201	Name	Level 2 Practical Art		
Brief description:					
The focus of this full year course is to develop learners understanding of art-making methods and ideas. A thematic approach will be taken to create a body of work in painting and printmaking. This course is recommended as a prior study for Visual Art at Level 3.					
Course pre-requisites or co-requisites (if any)					
12 external credits from Level 1 Visual Art.					
Cost/equipment:					
\$90 Includes a Level 2 art pack Trip fee In class art materials over and above the art pack Provided resource sheets					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
AS 90476	2	Generate and develop ideas using drawing processes and procedures in a selected form of painting	I	6	
AS 90478	2	Generate and develop ideas using drawing processes and procedures in a selected form of printmaking.	I	6	
<i>(One External)</i>					
AS 90479	2	Produce a body of work within painting to show understanding of art-making methods and ideas.	E	12	
				Total Credits	24

## Music Level 2

Code	12MUS01	Name	Music	
Brief description:				
This course builds on knowledge and skills gained in Level 1 Performance Music. Learners will perform as soloists and in a group, compose music using music software, and study compositions, of which at least one will be created by a New Zealand composer. Learners will also build on their listening and music theory skills to demonstrate their understanding of the materials of Music.				
Course pre-requisites or co-requisites:				
Successful completion of Year 11 music or an acceptable level of musical competency, as assessed by the HOD. Learners must be enrolled in either itinerant tuition or private tuition for their chosen instrument.				
Cost/equipment:				
Pair of head phones ¼ Inch to ½ inch Adaptor for headphones 1 2B5 Notebook 1 Manuscript Pad 1 Aural Revision Book – \$40.00				
Standards assessed:				
Std. Number (version)	Level	Description	I or E	Credits
90264	2	Present contrasting performances as a featured soloist	I	5
90265	2	Present a music performance as a member of a group	I	2
90266	2	Compose effective pieces of music	I	5
90267	2	Create an instrumentation	I	2
90268	2	Identify, describe and transcribe elements of music through listening to a range of music	E	3
90269	2	Demonstrate an understanding of the materials and processes of music in a range of scores	E	2
90270	2	Demonstrate knowledge and understanding of music works	I	5
Total credits				24

## Drama Level 3

Code	DRAM301 (full)	Name	Drama		
Brief description:					
<p>This course focuses on learners becoming increasingly literate in drama whilst developing solo and ensemble skills. Learners will work with the elements of role, action, time and space, tension and focus. They will learn to use dramatic conventions and technologies to structure these elements. They will also learn to combine dramatic conventions and technologies with techniques of voice, body, movement and space. Learners will develop drama process skills as well as skills in a range of areas such as acting, directing, playwriting, technical theatre and design. They will learn about the nature and function of drama, dramatic forms, history of drama and styles. Learners will engage in a range of responses to drama. This course is intended to provide the appropriate background should Learners choose to sit the Drama Scholarship exam or further their study at tertiary level. This course develops skills, knowledge and confidence which are applicable to Learners in their other school subjects and their lives beyond school.</p>					
Course pre-requisites or co-requisites (if any)					
<p>Drama at Level 1 or 2 is expected at this Level. However, Learners who have not taken Drama at Level 1 or 2 but have displayed exceptional drama skills and who can plan and communicate effectively through their written and practical work may be admitted to this course. (Selection under these circumstances will be at the discretion of the Head of Department).</p>					
Cost/equipment:					
Refill and Folder. Approx. \$50.00 for attending performances.					
Standards assessed:					
Std. Number	Level	Description	I/E	Credits	
AS90608	3.2	Interpret scripted text and integrate drama techniques in solo or paired performance	I	5	
AS90609	3.3	Devise, script and perform drama for solo, duo or trio performance	I	5	
AS90610	3.4	Demonstrate knowledge of theatre form or period by analysing and interpreting two scripted texts	E	4	
AS90611	3.5	Research and carry out a performance or technical/production role in a significant production	I	6	
AS90612	3.6	Analyse drama processes in a new context and reflect critically on drama performance	E	4	
				Total Credits	24

### Visual art Level 3

Code	ARPA301	Name	Visual Art Painting 301		
Brief description:					
This course builds on the drawing and painting strengths developed during Level 2. It studies the working methods of existing artists. The learners use this knowledge to research and produce drawing studies and paintings for their final folio submission.					
Course pre-requisites or co-requisites (if any)					
A minimum of 12 credits at Level 2 Visual Art.					
Cost/equipment:					
\$90 Includes a Level 3 art pack Trip fee In class art materials over and above the art pack Provided resource sheets					
Standards assessed: Achievement standards or Unit Standards					
Std. Number	Level	Description	I or E	Credits	
AS90663	3	Investigate and use ideas and methods in the context of a drawing study in painting	I	6	
AS90667	3	Produce original work within Painting to show extensive knowledge of art-making methods and ideas.	E	14	
				Total credits	20

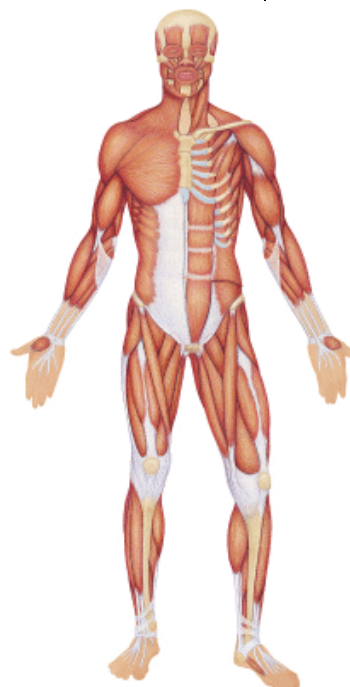
**Music  
Level 3**

Code	13MUS01	Name	Music		
Brief description:					
Learners will select their choice of achievement standards based on their skills and passions within this subject – up to 24 Credits. Offering this personalised course allows the learners to focus on the aspects of music they are most interested in. The achievement standards offered lead to a range of pathways from performance and composition to musicology.					
Course pre-requisites or co-requisites:					
Successful completion of Year 12 music or an acceptable level of musical competency, as assessed by the HOD. Learners must be enrolled in either itinerant tuition or private tuition if they wish to sit the Performance achievement standards.					
Cost/equipment:					
Pair of head phones ¼ Inch to ½ inch Adaptor for headphones 1 2B5 Notebook 1 Manuscript Pad 1 Course Workbook - \$10.00 1 Revision Book – \$40.00					
Standards assessed:					
Std. Number (version)	Level	Description	I or E	Credits	
90526	3	Present a performance of a programme of music as a member of a group	I	4	
90775	3	Present a portfolio of musical composition	I	8	
90776	3	Prepare and present performances of music as a featured soloist	I	8	
90777	3	Demonstrate aural skill across a range of musical styles and genres	E	4	
90497	3	Examine the contexts that influence the expressive qualities of music	I	3	
90498	3	Compare and contrast music works	E	8	
90499	3	Research and present a music topic	I	6	
90530	3	Demonstrate an understanding of harmonic and tonal procedures in a range of music	E	3	
90527	3	Arrange music	I	4	
Total credits			48		

## Health and Physical Education Department

### Physical Education Level 1

Code	11PHED01	Name	Physical Education		
Brief description:					
This is a full credit course aimed at those learners wishing to embrace the full Physical Education curriculum. It will involve participation and analysis of some key physical activities as well as an introductory to the basic biomechanical, anatomical and physiological principals which under-pin these physical activities. Learners will also identify how individuals and team's work in an optimum environment. There will also be an opportunity to look at how the media and New Zealand society portray sportsmen and sports.					
Course pre-requisites or co-requisites (if any)					
Open entry					
Cost/equipment:					
\$30 course fee (includes Physical Education learners workbooks)					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90067	1	Participate in physical activities and describe how this influences hauora/well-being.	I	5	
AS90068	1	Demonstrates knowledge of body structure and function in a physical activity.	I	5	
AS90524	1	Demonstrate quality movement in the performance of a physical activity,	I	3	
AS90070	1	Explore how the body is portrayed in physical activity.	I	4	
AS90071	1	Demonstrate interpersonal skills and describe their effects on the functioning of a group or team	I	4	
AS90525	1	Examine the quality of movement in performance of a physical activity	I	3	
				Total credits	24



## Physical Education Level 1

Code	11PHED02	Name	Physical Education		
Brief description:					
<p>This half credit course is aimed at those learners who have a strong interest in Physical Education but feel that 24 credits is a little unmanageable in terms of workload this year. There will also be the opportunity to participate in periods of organised recreational activities.</p> <p>The achievement standards will be completed from the curriculum and will be similar to those in the 101 (full credit course). However, they will be spread out over the whole year.</p>					
Course pre-requisites or co-requisites (if any)					
Open entry					
Cost/equipment:					
\$20 course fee (includes Physical Education learners workbooks)					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90067	1	Participate in physical activities and describe how this influences hauora/well-being.	I	5	
AS90524	1	Demonstrate quality movement in the performance of a physical activity,	I	3	
AS90071	1	Demonstrate interpersonal skills and describe their effects on the functioning of a group or team	I	4	

Code	11PHED05	Name	Physical Education		
Brief description:					
<p>This course is aimed at those students wishing to take a more practical approach towards Physical Education. It is based around participation in a variety of Physical activities of which they will be able to attain 11 credits towards their NCEA level 1 achievement</p>					
Course pre-requisites or co-requisites (if any)					
Open entry					
Cost/equipment:					
\$10 course fee (include learner booklets)					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
AS90067	1	Participate in physical activities and describe how this influences hauora/well-being.	I	5	
AS90524	1	Demonstrate quality movement in the performance of a physical activity,	I	3	
AS90525	1	Examine the quality of movement in performance of a physical activity	I	3	
				Total credits	11

## Physical Education Level 2

Code	12PHED01	Name	Physical Education		
Brief description:					
This is a full credit course aimed at those students wishing to embrace the full Physical Education curriculum. It will involve participation and analysis of some key physical activities as well as a continuation of learning in biomechanical, anatomical and physiological principals which under-pin these physical activities. Learners will also identify how individuals and team's work in an optimum environment. There will also be an opportunity to look at how the media and New Zealand society portray sports and sporting festivals from around the world. There will also be an opportunity for learners to experiment with leadership tasks both in an outdoor education (Year12PHED camp) and a sports coaching context.					
Course pre-requisites or co-requisites (if any)					
12 credits at English level 1 or equivalent					
Cost/equipment:					
The cost for this course is \$200 Which includes 12PHED Camp (term 1)					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
90433	2	Describe how functional anatomy and biomechanical principles relate to performing physical activity	I	4	
90434	2	Examine the principles and methods of training in relation to participation in physical activity	I	3	
90435	2	Examine skill-learning principles and psychological skills in relation to physical activity	I	2	
90436	2	Perform a physical activity to meet the Physical Education Performance Standards for Level 2	I	4	
90437	2	Investigate the sociological significance of a sporting event, physical activity or festival	I	3	
90438	2	Plan, apply and review leadership strategies in a group or team physical activity	I	3	
90439	2	Demonstrate knowledge of safety issues and apply safety management procedures in a physical activity	I	2	
				Total credits	21



## Physical Education/Outdoor Education Level 2

Code	12OUED01	Name	Outdoor Education		
Brief description:					
The purpose of this course is to provide leadership opportunities in an outdoor environment. Through kayaking, caving, camping, tramping and first aid learners will demonstrate interpersonal skills in a team environment by challenging themselves in a physical manner and in a position of responsibility. Two overnight camps, two day tramps, a caving experience, a kayaking unit and an outdoor first aid programme will make up the majority of the course in which the learners will have the opportunities to engage in leadership based assessment.					
Course pre-requisites or co-requisites (if any)					
Open entry					
Cost/equipment:					
\$240 Course fee (includes all costs)					
Std. Number					
Std. Number	Level	Description	I or E	Credits	
US467	2	Demonstrate personal and social development through participation in adventure based learning	I	3	
US24663	3	Demonstrate leadership while participating in an adventure based learning programme	I	3	
US20818	1	Demonstrate kayaking skills on sheltered or slow-moving water	I	2	
US476	2	Roll a kayak	I	2	
US448	1	Experience a caving trip	I	1	
US20133	2	Demonstrate basic caving skills	I	5	
US424	3	Respond to an emergency care situation for an outdoor activity	I	5	
US431	2	Navigate in good visibility on land	I	3	
US425	1	Experience day tramps	I	3	
US426	1	Experience camping	I	3	
				Total Credits	30



## Physical Education Level 3

Code	13PHED01	Name	Physical Education		
Brief description:					
<p>This is a full credit course aimed at those students wishing to embrace the full Physical Education curriculum. It will involve a continuation of learning in biomechanical, anatomical and physiological principals. Learners will also plan and implement a physical activity/event that will incorporate the Whangaparaoa College community. There will also be an opportunity to look at how current physical activity trends in New Zealand impact on our society and research into the participation of people in physical activity and taking action to influence the participation of people within the community. Learners will also participate and be assessed on Outdoor Education based activities such as high ropes.</p>					
Course pre-requisites or co-requisites (if any)					
<p>12+ credits at Level 2 English An advantage to have completed Level 2 Physical Education</p>					
Cost/equipment:					
\$50 – work books & Adventure Race					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
90739	3	Apply knowledge to plan a physical activity programme or experience	I	3	
90740	3	Explain, with evidence, the effectiveness of a physical activity programme and its influence on hauora/well-being	I	3	
90741	3	Appraise performance and review a programme for performance improvement for self or others	I	5	
90742	3	Perform a physical activity to nationally developed performance standards	I	4	
90744	3	Examine physical activity and take action to influence the participation of others	I	5	
				Total Credits	20

### Physical Education/Outdoor Education Level 3

Code	13OUED01	Name	Outdoor Education		
Brief description:					
This course expands on the knowledge gained from the Year 12 Outdoor Education Course. Learners will gain leadership and communication skills through participating in Outdoor activities such as camping and tramping. There is a 14 credit unit that involves learners participating, planning, and running 3 x three day tramps (3 days, 2 nights). A number of the units will be based around the completion and planning of these overnight tramps. A moderate level of fitness will be required to partake in this course.					
Course pre-requisites or co-requisites (if any)					
12OUED01 an advantage					
Cost/equipment:					
\$300 Course fee (includes all costs)					
Std. Number					
Std. Number	Level	Description	I or E	Credits	
US428	3	Demonstrate on-track tramping skills for multi-night tramping	I	14	
US20147	3	Demonstrate Communication skills required for the outdoors	I	3	
US468	3	Assist in facilitation of an adventure based learning programme for the development of the participants	I	6	
US20143	3	Demonstrate basic knowledge of theories associated with instructing and guiding in the outdoors	I	3	
US20159	2	Weather Interpretation in the Outdoors – Access and compare weather information of outdoor recreation	I	2	
US20160 v2	3	Demonstrate knowledge of weather processes and their effects on outdoor recreation in NZ	I	2	
US20146 v2	3	Demonstrate basic risk management for outdoor recreation	I	3	
				Total Credits	33

## Health Education Level 1 (Full Year)

Code	11HEED01	Name	Health Education		
Brief description:					
<p>This course is a full NCEA course offering 24 credits. In Health students learn about their own well-being, and the well-being of others. This course will allow learners to develop a base knowledge around a range of issues that could affect them personally in today's world as a teenager. It will give a foundation of the key concepts of Health education to enable learners to develop skills to take responsibility for their own health. The four underpinning concepts of Health (socio-ecological perspective, hauora, attitudes and values, health promotion) will be integrated when covering the topics as listed below.</p> <ul style="list-style-type: none"> <li>- Enhancing well-being</li> <li>- Eating patterns</li> <li>- Managing change</li> <li>- Inter-personal skills and relationships</li> <li>- Sexuality</li> <li>- Decision making and drugs</li> </ul>					
Course pre-requisites or co-requisites (if any)					
n/a					
Cost/equipment:					
\$65 includes Amazing Race excursion					
Standards assessed: Achievement Standards					
Std. Number	Level	Version	Description	Internal or External	Credits
90061	1.1		Take action to enhance an aspect of personal well-being.	I	3
90063	1.3		Describe ways in which well-being can change and strategies to support well-being during times of change.	I	4
90064	1.4		Demonstrate understanding of interpersonal skills used to enhance relationships.	I	5
90065	1.5		Describe strategies for promoting positive sexuality.	I	4
90066	1.6		Demonstrate understanding of strategies for making health enhancing decision in drug-related situations.	E	4
Total Credits					20

### Health Education Level 1 (Half-Year)

11HEED05	Name	Health Education		
Brief description:				
This Health paper focus's on two specific Health achievement standards, "interpersonal skills" and "Sexuality Issues". The course is facilitated by a professional Health teacher and runs as a half course. It will follow a responsible program, which allows learners to identify their own relationships and work to making responsible decisions relating to these and creating strategies for enhancing sexual health.				
Course pre-requisites or co-requisites (if any)				
Open entry				
Cost/equipment:				
\$20 Course fee (learners workbooks) \$30 Amazing race excursion				
Standards assessed:				
Std. Number	Level	Description	I of E	Credits
AS90064	1	Demonstrate understanding of personal and interpersonal skills to enhance relationships.	I	6
AS90065	1	Understand sexuality issues and describe strategies for enhancing sexual health.	I	4
Total Credits				10

### Health Education Level 2

Code	12HEED01	Name	Health Education		
Brief description:					
This course is a full NCEA course (offers 24 credits). It allows learners to investigate the various issues which are affecting teenagers in our world currently. It will allow learners to take responsibility for health initiatives around the Whangaparaoa College school community.					
Course pre-requisites or co-requisites (if any)					
12 credits at English level 1 or equivalent A major advantage to have completed 11 HEED 01					
Cost/equipment:					
\$25 course fee (includes Health learners workbook)					
Standards assessed:					
Std. Number	Level	Description	I of E	Credits	
90326	2	Describe an adolescent health issue	E	5	
90327	2	Describe aspects of mental health	E	5	
90328	2	Develop, describe, implement and evaluate a plan of action to enhance hauora/well-being	I	5	
90432	2	Examine the relationship between physical activity and health, and implications for self and Society	I	3	
90330	2	Describe and explain issues associated with gender and sexuality	I	5	
Total credits				23	

### Health Education Level 3

Code	13HEED01	Name	Health		
Brief description:					
Level 3 Health examines health related practices and issues within New Zealand and the global society. The course looks at identifying contributions, analysing implications and making recommendations about a range of topics from drug misuse to cancer.					
Course pre-requisites or co-requisites (if any)					
A major advantage to have completed Level 2 Health					
Cost/equipment:					
\$30 course fee (includes learner workbooks)					
Standards assessed:					
Std. Number	Level	Description	I or E	Credits	
90708	3	Analyse a health issue for a particular group within New Zealand society	I	5	
90710	3	Explain a range of health practices currently used in New Zealand	I	5	
90709	3	Analyse an international health issue	E	5	
90712	3	Examine models of health promotion and their implications for well-being	E	5	
				Total Credits	20

## Technology Department

### Materials Technology Level 1

Code	MTECH 101	Name	Multi-Materials Technology		
Brief description:					
<p>Multi Materials Technology explores the use and variety of materials such as wood, plastic and metal in order to produce a unique product. The course will follow the technological process which will include detailed research into existing products and the design process from the initial concept drawings to final presentation and production of drawings. Learners will be given a design issue which will need to be addressed by designing and creating an individual product of their choice.</p>					
Course pre-requisites or co-requisites (if any)					
<p>Open entry. The course follows the learning and project work in Y9 and Y10 Multi materials Technology.</p>					
Cost/equipment:					
<p><b>The following resources must be purchased before the start of the school year:</b>  A3 or A4 clear file/portfolio, 2 A3 or A4 Drawing paper pads, 1-1B note book, pencils, pens, eraser, pencil sharpener, ruler.  <u>\$60.00</u> to cover cost of materials.</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
1.1	1	1	Undertake brief development to address a need or opportunity.	I	4
1.3	1	1	Demonstrate the use of design ideas to develop a conceptual design to address a brief.	I	6
1.5	1	1	Demonstrate understanding of how technological modelling supports decision making	E	4
1.14	1	1	Implement basic procedures using building materials to construct a specific product.	I	4
US 24352	1	1	Demonstrate knowledge and apply safe working practices.- (BCITO)	I	2
Total Credits					20

Code	MTECH 105	Name	Multi-Materials – Construction		
Brief description:					
Multi Materials construction explores the use and variety of materials such as wood, plastic and metal in order to produce. This course is designed to teach skills in the related media that is chosen for the production of a project.					
Course pre-requisites or co-requisites (if any)					
Open entry. The course follows the learning and project work in Y9 and Y10 Multi materials Technology.					
Cost/equipment:					
<b>The following resources must be purchased before the start of the school year:</b> 30 cm ruler Eraser A3 clear file or A4 A3 or A4 pad paper <u>\$60</u> for project materials					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
1.14	1	1	Implement basic procedures using building materials to construct a specific product.	I	4
1.16	1	1	Demonstrate understanding of a basic concept used to construct with building materials	I	4
1.10	I	1	Demonstrate understanding of design	I	3
Total Credits					11

## Materials Technology Level 2

Code	MTECH 201	Name	Multi-Materials Technology		
Brief description:					
<p>This course explores the development of conceptual designs that become a reality using a range of materials, such as wood, plastic and metal. The design process is also used, which involves research, justification and evaluation of work. All necessary steps which allow the development of a product to occur.</p>					
Course pre-requisites or co-requisites (if any)					
Advantageous to have completed level 1					
Cost/equipment:					
<p><b>The following resources must be purchased before the start of the school year:</b> A3 or A4 clear file/portfolio, 2 A3 or A4 Drawing paper pads, 1-1B note book, pencils, pens, eraser, pencil sharpener, ruler.</p> <p><u>\$80.00</u> to cover cost of materials.</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
90343 Tech 2.1	2	2	Develop & Model a conceptual design in Materials Technology.	I	6
90350 Tech 2.2	2	2	Develop and implement a one-off solution in Materials Technology.	I	6
90372 Tech 2.7	2	2	Demonstrate skills in Materials Technology.	I	4
90371 Tech 2.6	2	2	Examine Technological Knowledge in Materials Technology Practice	E	4
Total Credits					20

## Materials Technology Level 3

Code	MTECH 301	Name	Multi-Materials Technology		
Brief description:					
<p>Learners will work from a given brief and an issue to solve, a client driven brief to communicate and present written, visual and practical solutions. Design planning and construction techniques are emphasised throughout the course. Students will work closely with a client other than themselves to produce a suitable outcome. This work will involve self driven research, interviews, investigations and product development.</p>					
Course pre-requisites or co-requisites (if any)					
Advantageous to have completed level 1 and 2					
Cost/equipment:					
<p><b>The following resources must be purchased before the start of the school year:</b>  A3 or A4 clear file/portfolio, 2 A3 or A4 Drawing paper pads, 1-1B note book, pencils, pens, eraser, pencil sharpener, ruler.</p> <p><u>\$80.00</u> to cover cost of multi-materials.</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
90613 Tech 3.1	3	2	Develop a conceptual design to address a client issue.	I	8
90620 Tech 3.2	3	2	Develop a one off solution to address a client issue.	I	8
90687 Tech 3.7	3	2	Demonstrate Techniques in Materials Technology.	I	4
Total Credits					20

## Clothing & Textiles Technology Level 1

Code	CLTX 101	Name	Clothing and Textiles Technology			
Brief description:						
<p>This course is aimed at those learners wishing to embrace their creative, academic and practical abilities in textiles. This course incorporates both achievement standards and unit standards and requires that learners participate fully in both theory and skills based practical lessons. Learners will develop skills that support their portfolio/design work and create garments that reflect a given brief.</p>						
Course pre-requisites or co-requisites (if any)						
Open entry. The course follows the learning and project work in Y9 and Y10 Technology.						
Cost/equipment:						
<p><b>The following resources must be purchased before the start of the school year:</b>  1 A3 clear file folder  1xA3 pad paper  blue and red pen  pencil  coloured pencils  30cm ruler  <u>\$30</u></p> <p><b>Own patterns and fabric for garment must be purchased by the learner</b></p>						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
1.1	1	1	Undertake brief development to address a need or opportunity.	I	4	
1.4	1	1	Select resources to develop a prototype.	I	6	
1.15	1	1	Implement basic procedures using textiles when construction a specified product.	I	4	
1.17	1	1	Demonstrate understanding of basic concepts used to construct with textiles	E	4	
				Total Credits	18	

## Clothing & Textiles Technology Level 1

Code	CLTX 105	Name	Clothing and Textiles Construction		
Brief description:					
<p>This course is aimed at those learners wishing to embrace their creative ability in a practical based textiles programme. Learners will develop skills that support their design work to create a garment that reflects a given brief. This is a short course (two hours each week for the whole year)</p>					
Course pre-requisites or co-requisites (if any)					
Open entry. The course follows the learning and project work in Y9 and Y10 Technology.					
Cost/equipment:					
<p><b>The following resources must be purchased before the start of the school year:</b>  1 A3 clear file folder  1xA3 pad paper  blue and red pen  pencil  coloured pencils  30cm ruler  <u>\$30</u></p> <p><b>Own patterns and fabric for garment must be purchased by the learner</b></p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
1.1	1	1	Undertake brief development to address a need or opportunity.	I	4
1.15	1	1	Implement basic procedures using textiles when construction a specified product.	I	4
1.17	1	1	Demonstrate understanding of basic concepts used to construct with textiles	E	4
Total Credits					12

## Clothing & Textiles Technology Level 2

Code	CLTX 201	Name	Clothing and Textiles Technology		
Brief description:					
<p>This course explores a teacher given context. Learners will develop their own brief to present written and practical solutions. Design planning and construction techniques are emphasised throughout the course. Students will work closely with a client to produce suitable outcome. This work will involve research, interviews, investigations and product development of a textile product.</p>					
Course pre-requisites or co-requisites (if any)					
<p><b>Open entry</b> - This course follows the learning and project work in Y11 Technology</p>					
Cost/equipment:					
<p><b>The following resources must be purchased before the start of the school year:</b>  1 A3 clear file folder  1xA3 pad paper  blue and red pen  pencil  coloured pencils  30cm ruler  \$30</p> <p><b>Own patterns and fabric for garment must be purchased by the learner</b></p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
90343-2.1	2	2	Develop and Model a conceptual design materials technology	I	6
90350-2.2	2	2	Develop and implement a one off solution in materials technology	I	6
90372-2.7	2	2	Demonstrate skills in materials Technology.	I	4
90371-2.6	2	2	Examine Technological knowledge in materials technology practice	E	4
Total Credits					20

## Clothing & Textiles Technology Level 3

Code	CLTX 301	Name	Clothing and Textiles Technology			
Brief description:						
Learners will work from a self driven brief to present written and practical solutions. Design planning and construction techniques are emphasised throughout the course. Students will work closely with a client to produce a suitable outcome. This work will involve self driven research, interviews, investigations and product development.						
Course pre-requisites or co-requisites (if any)						
<b>Open entry</b> - This course follows the learning and project work in Y12 Technology						
Cost/equipment:						
<b>The following resources must be purchased before the start of the school year:</b> 1 A3 clear file folder 1x A3 pad paper blue and red pen pencil coloured pencils 30cm ruler \$30						
<b>Own patterns and fabric for garment must be purchased by the learner</b>						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
90613 Tech 3.1	3	2	Develop a conceptual design to address a client issue.	I	8	
90620 Tech 3.2	3	2	Develop a one off solution to address a client issue.	I	8	
90687 Tech 3.7	3	2	Demonstrate Techniques in Materials Technology.	I	4	
Total Credits					20	

## Food Technology Level 1

Code	FOTE 101	Name	Food Technology		
Brief description:					
<p>This is a course aimed at those learners wishing to embrace academic and practical education in the food area. This course incorporates a range of issues relating to food, nutrition and factors affecting people and society. It also covers hygiene and safe food practises, nutritional needs of a client, aspects of culture and influencing factors on well-being. In addition learners will develop practical skills that support the theory work being covered in the course.</p>					
Course pre-requisites or co-requisites (if any)					
<p><b>Open entry</b> This course follows the learning and project work in Y9 and Y10 Technology</p>					
Cost/equipment:					
<p><b>The following resources must be purchased before the start of the school year:</b>  1 A3 clear file folder  1x A3 pad paper  blue and red pen  pencil  coloured pencils  30cm ruler</p> <p><u>\$120 year</u> - \$30 each term for consumable goods</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
90143 Home Economics	1	3	Identify cultural influences on food choices, customs and beliefs.	I	4
1.2	1	1	Select and use planning tools to guide the use of resources when developing an outcome.	I	4
1.6	1	1	Demonstrate understanding of how materials enable technological products to function.	E	4
1.39	1	1	Implement basic procedures using ingredients when processing a specified product.	I	4
1.41	1	1	Demonstrate understanding of basic concepts used in processing ingredients.	I	4
Total Credits					20

Code	FOTE 105	Name	Food Technology		
Brief description:					
<p>This course is aimed at learners wishing to take short course (two hours each week for the whole year) with both an academic and practical approach to the study of food. This course covers hygiene and safe food practises, the knowledge of baking and table serve. Learners will develop practical skills that support the theory work being covered in the course.</p>					
Course pre-requisites or co-requisites (if any)					
<p><b>Open entry</b> This course follows the learning and project work in Y9 and Y10 Technology</p>					
Cost/equipment:					
<p><b>The following resources must be purchased before the start of the school year:</b>  blue and red pen  pencil  coloured pencils  30cm ruler</p> <p>\$20 (\$6.66 each ITP work books learners will need 3)  \$60 – (\$20 a term for consumable goods)  Total cost <b>\$80</b></p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
US 15620	1	2	Apply knowledge of food hygiene and safety in the preparation, service and storage of food.	I	6
US 19769	1	3	Provide food service to the table in the hospitality industry	I	3
US 15895	1	4	Demonstrate knowledge of boiling and baking in the commercial catering industry	I	2
Total Credits					11

## Food Technology Level 2

Code	FOTE 201	Name	Food Technology		
Brief description:					
<p>This course explores nutritional concerns, beliefs and practises that affect our food choices. Learners spend time investigating and researching nutritional considerations of particular health concerns and develop food products that will meet these needs. Diabetes is becoming a huge health concern for New Zealanders and we investigate the implications for individuals and communities.</p>					
Course pre-requisites or co-requisites (if any)					
<b>Open entry</b> - This course follows the learning and project work in Y11 Technology					
Cost/equipment:					
<p><b>The following resources must be purchased before the start of the school year:</b>  1 A3 clear file folder  1xA3 pad paper  blue and red pen  pencil  coloured pencils  30cm ruler</p> <p><u>\$120 year</u> - \$30 each term for consumable goods</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
90243	2	2	Explore a nutritional concern for a targeted group.	I	4
90341 Tech 2.1	2	2	Develop & model a conceptual design in food technology.	I	6
90366 Tech 2.7	2	2	Demonstrate skills in food technology.	I	4
6632	2	3	Apply knowledge of age related nutrition needs in providing food for a child.	I	5
6646	2	3	Develop a food product.	I	5
Total Credits					24

## Food Technology Level 3

Code	FOTE 301	Name	Food Technology		
Brief description:					
<p>This course offers achievement standards from the technology and nutrition curriculum. Learners are given the opportunity to strengthen practical skills, present dishes made to very high standards as well as develop an understanding of food safety and nutrition. Technological practise and individual research are important components of the level 3 food technology course.</p>					
Course pre-requisites or co-requisites (if any)					
<b>Open entry</b> - This course follows the learning and project work in Y12 Technology					
Cost/equipment:					
<p><b>The following resources must be purchased before the start of the school year:</b>  1 A3 clear file folder  1xA3 pad paper  blue and red pen  pencil  coloured pencils  30cm ruler</p> <p><u>\$180 year</u> - \$45 each term for consumable goods</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
90792 Tech 3.3	3	1	Develop a proposal for a production process for a client	I	6
90620 Tech 3.2	3	2	Develop a one-off solution to address a client issue.	I	8
90683 Tech 3.7	3	2	Demonstrate Techniques in Food Technology.	I	4
				Total Credits	18

## Hospitality Level 1

Code	HOSP 101		Name	Hospitality		
Brief description:						
<p>This is a unit standard based level one cookery and skills course. It is particularly aimed at learners developing skills and knowledge that will assist them into hospitality industry or career pathways. Learners will cover such skills as food safety and hygiene, how to prepare and cook meat, eggs and cheese and learn knife skills for accurate fruit and vegetable cuts. Learners will also develop high standards of preparing and presenting meals.</p>						
Course pre-requisites or co-requisites (if any)						
None						
Cost/equipment:						
\$30 – COA workbook - to be purchased from school \$24 - ITP work books (ITP work books are \$6 per book and learners will need 4) – to be purchased from school \$150 – food for practical lessons Total cost \$204						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
US 15620	1	2	Apply knowledge of food hygiene and safety in the preparation, service and storage of food.	I	6	
US 15900	1	3	Prepare and present meat in the hospitality industry	I	4	
US 15901	1	3	Prepare and present fruit and vegetables in the hospitality industry	I	3	
US 19770	1	2	Prepare and present egg and cheese dishes in the hospitality industry	I	2	
US 19769	1	3	Provide food service to the table in the hospitality industry	I	3	
US 21057	1	2	Prepare and present mocktails in the hospitality industry	I	2	
US 15895	1	4	Demonstrate knowledge of boiling and baking in the commercial catering industry	I	2	
US 15921	1	4	Prepare and present a cake, sponge and scones in the hospitality industry	I	3	
Total Credits					25	

## Hospitality Level 2

Code	HOSP 201		Name	Hospitality		
Brief description:						
Practical based course designed to develop skills and knowledge using industry unit standards at level 2. The learners will gain skills and knowledge needed to assist them into the various hospitality and catering industries available.						
Course pre-requisites or co-requisites (if any)						
None						
Cost/equipment:						
\$150 – food for practical lessons \$60 – COA work books (learners will need two of these at \$30 each)						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
US 167	2	5	Practical food safety methods in a food business	I	4	
US 13285	2	3	Handle and maintain knives in a commercial kitchen	I	2	
US 13276	2	3	Prepare and cook food by grilling in a commercial kitchen	I	2	
US 13283	2	2	Prepare and present salads for service in a commercial kitchen	I	2	
US 14425	2	4	Prepare and serve hot and cold non-alcoholic drinks in a commercial environment	I	2	
US 14434	2	4	Prepare and clear areas for food service in a commercial environment	I	3	
US 14436	2	4	Provide basic table service in a commercial environment	I	4	
US 14462	2	6	Maintain personal presentation and greet customers in the hospitality industry	I	2	
Total Credits					21	

## Hospitality Level 3

Code	HOSP 301		Name	Hospitality		
Brief description:						
Practical based course designed to develop skills and knowledge using industry unit standards at level 3. The learners will gain skills and knowledge needed to assist them into the various hospitality and catering industries available.						
Course pre-requisites or co-requisites (if any)						
Year 12 Hospitality						
Cost/equipment:						
\$180 – food for practical lessons \$60 – COA work books (learners will need two of these at \$30 each)						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
US 6630	3	3	Demonstrate knowledge of food safety	I	5	
US 15627	3	2	Demonstrate creativity in mean preparation	I	6	
US 6648	3	3	Prepare, plan and serve food for a special occasion	I	4	
6647	3	3	Provide nutritious food for a person with altered food needs	I	5	
Total Credits					20	

## Graphics Level 1

Code	GRA 101		Name	Graphics		
Brief description:						
<p>Graphics is a creative visual language concerned with real life problems and uses design sketches, drawings, illustration, annotation and computer generated images to communicate ideas and information.</p>						
Course pre-requisites or co-requisites (if any)						
<p><b>Open entry</b> This course follows the learning and project work in Y9 and Y10 Graphics and Technology</p>						
Cost/equipment:						
<p><b>Equipment to be purchased before the course begins.</b> A3 drawing pad and portfolio set of pencils ranging from 2H to 2B, coloured pencils, and set squares 60/30 and 45, ruler, eraser, compass and fine line pen. Additional specialised equipment may be purchased, some available in class.</p>						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
1.23	1	1	Use rendering techniques to communicate the form of own design ideas.	I	3	
1.25	1	1	Demonstrate the development of a design idea communicated through graphics practice.	I	6	
1.26	1	1	Promote design work to an audience using visual communication techniques.	I	4	
1.20	1	1	Freehand sketches to communicate design ideas.	E	3	
1.21	1	1	Produce instrumental multi view drawings that communicate technical features of own design ideas.	E	3	
1.22	1	1	Produce instrumental paraline drawings to communicate own design ideas	E	3	
Total Credits					22	

Code	GRA 105	Name	Graphics		
Brief description:					
Graphics is a creative visual language concerned with real life problems and uses design sketches, drawings, illustration, annotation and computer generated images to communicate ideas and information.					
Course pre-requisites or co-requisites (if any)					
<b>Open entry</b> This course follows the learning and project work in Y9 and Y10 Graphics and Technology					
Cost/equipment:					
<b>Equipment to be purchased before the course begins.</b> A3 drawing pad and portfolio set of pencils ranging from 2H to 2B, coloured pencils, and set squares 60/30 and 45, ruler, eraser, compass, fine line pen and a basic set (2-3) of greyscale professional markers. Additional specialised equipment may be purchased, some available in class.					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
1.23	1	1	Use rendering techniques to communicate the form of own design ideas.	I	3
1.25	1	1	Demonstrate the development of a design idea communicated through graphics practice.	I	6
1.20	1	1	Freehand sketches to communicate design ideas.	I	3
Total Credits					12

## Graphics Level 2

Code	GRA 201		Name	Graphics		
Brief description:						
<p>Graphics is a visual language which is concerned with real life problems and uses design sketches, drawings, notes, illustrations and computer generated images to communicate ideas and information.</p> <p>Learners solve problems across three main areas of architecture, engineering and media studies. Relevant skills will be taught and learners apply these within the context of a design brief.</p>						
Course pre-requisites or co-requisites (if any)						
Advantageous to have completed level 1						
Cost/equipment:						
<p><b>Equipment to be purchased before the course begins.</b></p> <p>A3 drawing pad and portfolio set of pencils ranging from 2H to 2B, coloured pencils, and set squares 60/30 and 45, ruler, eraser, compass, fine line pen and a basic set (2-3) of greyscale professional markers. Additional specialised equipment may be purchased, some available in class.</p>						
Standards assessed:						
Std. Number	Level	version	Description	Internal or External	Credits	
AS90318	2	2	Produce two dimensional and three dimensional annotated freehand sketches to show design ideas	E	3	
AS90319	2	2	Produce two dimensional instrumental drawing.	E	3	
AS90320	2	2	Produce three dimensional instrumental drawing.	E	3	
AS90322	2	2	Produce a mock-up and model to explore design ideas	I	3	
AS90323	2	2	Design and present a solution for an architectural or environmental brief	I	3	
AS90321	2	2	Describe and explain design and its implications for society.	E	3	
AS90325	2	2	Design and present a solution for a media or technical illustration brief.	I	3	
Total Credits					21	

## Graphics Level 3

Code	GRA 301	Name	Graphics		
Brief description:					
<p>Graphics enables learners to seek innovation and use graphics to design and develop solutions to given problems. Activities include working with a client, using freehand and instrumental drawing, using computer aided design, presenting research data and information. Learners will be involved with professional businesses in the graphics fields. Level 3 programme is designed to prepare learners who wish to go on to further study in graphics.</p>					
Course pre-requisites or co-requisites (if any)					
Advantageous to have completed level 1 and 2					
Cost/equipment:					
<p><b>Equipment to be purchased before the course begins.</b>  A3 drawing pad and portfolio set of pencils ranging from 2H to 2B, coloured pencils, and set squares 60/30 and 45, ruler, eraser, compass, fine line pen and a basic set (2-3) of greyscale professional markers. Additional specialised equipment may be purchased, some available in class.</p>					
Standards assessed:					
Std. Number	Level	version	Description	Internal or External	Credits
AS90734	3	2	Negotiate a brief and a solution by applying a design process	E	5
AS90735	3	2	Plan and produce a presentation to communicate design ideas	E	4
AS90736	3	2	Develop and communicate a solution to an architectural or environmental design brief	I	5
AS90738	3	2	Develop and communicate a solution to a media or technical illustration design brief. (Brochure)	I	5
				Total Credits	19

## Computer Studies Level 2

Code	COMP201	Name	Computer Studies		
Brief description:					
<p>Learners will complete unit standards at Level 1, 2 and 3 of the NQF framework to enable them to gain the <b>National Certificate in Computing Level 3</b> over a period of 2 years (Years 12 and 13). This course is intended to be more practical and skills-based. It will be suitable for learners aiming for an entry level position in the IT industry, or for learners aiming to enter a tertiary course at a Polytechnic. Generic computing standards are studied which are on the <b>approved subject list</b> and assist with gaining University Entrance.</p> <p>To gain the National Certificate, learners will need to gain the two compulsory standards (worth 3 credits each), as well as 25 credits from the other Computing and Word Processing standards available over the two years. In addition, 15 credits will be needed at Level 3 or above in any other subject on the NQF framework.</p> <p>Year 12 Topics:</p> <p>How a Computer Works File Management Macros Spreadsheets (Excel) Desktop Publishing (Microsoft Publisher)</p>					
Course pre-requisites or co-requisites (if any)					
None.					
Cost/equipment:					
<p>Learners will be expected to have their own laptops. Software required – Microsoft Office 2007. Visual Diary (\$12) is highly recommended. Course booklets \$30</p>					
Standards assessed: Achievement standards or Unit Standards					
Std. Number	Level	Description	I or E	Credits	
2780 - compulsory	1	Operate and maintain a personal computer system	I	3	
2781 - compulsory	2	Manage and protect computer data in a personal computer system	I	3	
5954	3	Automate processes in a computer application using a scripting language	I	5	
2785	3	Create a computer spreadsheet to provide a solution for organisational use	I	5	
2789	3	Produce desktop published documents for organisation use	I	6	
				Total Credits	22

## Digital Technologies Level 2

Code	DTG201	Name	Digital Technology		
Brief description:					
<p>Learners will complete Technology ICT Achievement Standards at Level 2 of the NQF framework. Learners will use higher order thinking skills to develop designs and solutions in ICT. Learners will also research the use of ICT in organisations and learn advanced functions of various computer packages. One standard requires learners to put together a portfolio of their research and knowledge gained over the year.</p> <ul style="list-style-type: none"> <li>• History and development of the internet and the www</li> <li>• What parts make up a website?</li> <li>• What does a successful website look like?</li> <li>• Develop skills in using Dreamweaver</li> <li>• Editing graphics</li> <li>• Understanding the technology process</li> <li>• Creating a website</li> </ul>					
Course pre-requisites or co-requisites (if any)					
NIL. However, learners will need to show a keen interest and those with at least some computing knowledge will take priority.					
Cost /equipment:					
<p>Learners will be expected to have their own laptops and purchase their own software. Software requirements-Adobe Dreamweaver CS4, graphics editing software, Microsoft Office.          (free programmes learners will need to download at home include Jing)          Visual Diary (from \$8.99 at Whitcoulls).          Course booklet \$20          Blank CDs \$9</p>					
Standards assessed:					
Name	Level	Description	I/E	Credits	
90342	2	Develop and model a conceptual design in information and communication technology	I	6	
90349	2	Develop and implement a one-off solution in ICT	I	6	
90367	2	Examine technological knowledge in information and communication technology practice (PORTFOLIO)	E	4	
90368	2	Demonstrate skills in information and communication technology	I	4	
Total Credits				20	

## Digital Technologies Level 3

Code	DTG301		Digital Technologies	
Brief description:				
Learners will complete Technology ICT Achievement Standards at Level 3 of the NQF framework. Learners will use higher order thinking skills to develop designs and solutions in ICT. The technological process is followed during these projects. Game making project Topics covered <ul style="list-style-type: none"> <li>• What is a game? What isn't a game</li> <li>• History of and impact on society of games</li> <li>• Good game design – traditional and games before computers</li> <li>• What parts make up a game</li> <li>• Creating a game</li> <li>• Evaluation of a game</li> <li>• Technology process</li> </ul>				
Course pre-requisites or co-requisites (if any)				
NIL. However, learners will need to show a keen interest and those with at least some computing knowledge will take priority.				
Cost/equipment:				
Learners will be expected to have their own laptops. Software requirements – Gamemaker 8 (free software), Jing (free screen capture software) Microsoft Office. Graphics editing programme, Sound creation software, Flash (optional) Visual Diary (\$12) Course booklet \$20 Blank CDs \$6				
Standards assessed:				
Name	Level	Description	I/ E	Credits
90613	3	Develop a conceptual design to address a client issue	I	8
90620	3	Develop a one-off solution to address a client issue	I	8
90684	3	Explain knowledge that underpins an information and communications technology outcome	E	4
90685	3	Demonstrate techniques in information and communication technology	I	4
			Total Credits	24

## Computer Studies Level 3

Code	COMP301	Name	Computer Studies		
Brief description:					
<p>Learners will complete unit standards at Level 1, 2 and 3 of the NQF framework to enable them to gain the <b>National Certificate in Computing Level 3</b> over a period of 2 years (Years 12 and 13). Learners who did not study Computing in Year 12 are able to pick up this subject and can still gain credits in Generic Computing which will count towards University Entrance.</p> <p>This course is intended to be more practical and skills-based. It will be suitable for learners aiming for an entry level position in the IT industry, or for learners aiming to enter a tertiary course at a Polytechnic. Generic computing standards are studied which are on the <b>approved subject list</b> and assist with gaining University Entrance.</p> <p>To gain the National Certificate, learners will need to gain the two compulsory standards (worth 3 credits each), as well as 25 credits from the other Computing and Word Processing standards available over the two years. In addition, 15 credits will be needed at Level 3 or above in any other subject on the NQF framework.</p> <p>Year 13 Topics:</p> <ul style="list-style-type: none"> <li>• Word Processing</li> <li>• The Use of ICT in Organisations</li> <li>• Interactive media</li> <li>• Computer Programming</li> <li>• Website Design</li> </ul>					
Course pre-requisites or co-requisites (if any)					
None If learners have completed COMP201 this is the second part of the National Certificate of Computing Level 3 course.					
Cost/equipment:					
<p>Learners will be expected to have their own laptops.  Software requirements Microsoft Office 2007, Visual Basic Express (free software), Website creation software such as Dreamweaver, Flash (optional)  Visual Diary (\$12) is highly recommended.  Course booklets \$25  CDs \$6</p>					
Standards assessed: Achievement standards or Unit Standards					
Std. Number	Level	Description	I or E	Credits	
18741	3	Create a computer program to provide a solution	I	6	
112	3	Produce information using Word Processing functions	I	5	
25661	3	Design and assemble an interactive media product without scripting	I	3	
25782	3	Investigate the use of ICT in an organisation	I	6	
25658	3	Create a website for a stakeholder using a dedicated web-authoring tool	I	5	
				Total Credits	25

## Careers Department

### 2011 Gateway Programme.

Code	GATE201	Name	Peter Davies. Rachael Wilson.		
Brief description:					
<p>Gateway is a recognised programme offered in our college for average to above average learners. The Gateway initiative was designed to strengthen the pathway for Learners from college to workplace learning.</p> <p>Gateway is about Learners completing a work placement and having their learning in the workplace assessed against unit and / or achievement standards on the National Qualifications Framework and integrated with their current programme of study.</p>					
Course pre-requisites or co-requisites (if any)					
<p>Current CV.            Two References From Family and Employer.            Interview with Gateway Co-ordinator            Full Attendance Record.</p>					
Cost/equipment:					
There is no cost to Learners.					
Unit Standards assessed: Core Generic Unit Standards.					
Std. Number	Level	Description	I/E	Credits	
497/17593/17602	2	Occupational Health & Safety Practice.	I	11	
17602/6401/6400	2	Provide First Aid.	I	9	
56/57/62/64	2	Customer Service for the Workplace.	I	10	
504	1	Produce a CV.	I	2	
Total Credits:				32	