

ST PETER'S COLLEGE



2010

Curriculum Guide

2010 Subject Courses offered at St Peter's College

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PRINCIPAL'S INTRODUCTION

The St Peter's College 2010 Curriculum Guide contains details of all senior courses offered in the upcoming academic year. The information it contains has been produced to assist in the selection of subjects in the senior school and to ensure students and parents understand the entry requirements for each subject. Students are urged to research career and subject options thoroughly and to seek advice, either through the Careers Department, or the appropriate external agencies (websites are given). It is critical that the curriculum guide is read thoroughly and both students and parents are familiar with the content. It is also important the handbook is retained into next year for future reference.

St Peter's College offers a broad curriculum designed for all ability levels with two qualification pathways:

**Cambridge International Examinations (CIE) and
National Certificate of Educational Achievement (NCEA).**

The Gateway programme is offered to a selected group of highly motivated students who wish to pursue a vocational pathway while remaining at school. It is expected that all students at St Peter's College will progress to tertiary study and both of the above qualification pathways support students in achieving this goal. We encourage all students to work hard and to achieve the highest possible qualifications. The college is committed to providing the best possible learning environment for students with new classrooms, continually updating technology and most importantly, maintaining a high quality staff.

External measures of academic learning, such as exams, keep a focus on an individual's progress. All students are expected to work towards excellent achievement in external exams. Course descriptions within this guide also outline the balance of internal assessment within a subject. A high degree of self-management and organisation will ensure students achieve highly in internally assessed course components.

Entrance to University and other tertiary providers is a key. It may be possible to study subjects from different levels. Students wishing to do this should discuss it with their appropriate Dean. Final approval rests with the Deputy Principal Curriculum.

Choosing an appropriate course of study is of the utmost importance. It is probably the most important decision that has to be made as students progress through the college. I commend this curriculum guide to both students and their parents and hope that the information provided is of benefit as courses of study are decided for the 2010 year.

In His Peace



**K F Fouhy
PRINCIPAL**

SCHOOL CONTACT DETAILS

First contact should be with the Dean for general course or discipline matters and with the Head of Faculty or Subject Teacher for subject specific information.

HEADS OF FACULTY

Art	Ms Jac Dwyer
Commerce	Mr Steve Rewcastle
English	Mr James Haggett
Humanities	Mr John Stradwick
ESOL	Mrs Chris Parkes
Languages	Mrs Margaret Ubels-Rattray
Mathematics	Mr Brett McMurdoch
Music	Mr Antun Poljanich
Physical Education	Mr Andy Smith
Religious Education	Dr David Legg
Science	Mr Kevin Barker
Technology	Ms Amoure Dinglestad

DEANS

Year 9	Mr Reece Williams
Year 10	Mr Ben Boyle
Year 11	Mr David Law
Year 12	Mr Brett Fricker
Year 13	Mr Steve Rewcastle
School Office	Tel. 09 524 8108
Website	www.st-peters.school.nz
Email	admin@st-peters.school.nz

QUALIFICATION PATHWAYS

St Peter's College offers two qualification pathways:

1. NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

Year 11 NCEA Level 1

Year 12 NCEA Level 2

Year 13 NCEA Level 3

Scholarship (a separate award in addition to NCEA)

It may be possible for students to study a combination of subjects from different levels.

The courses offered at St Peter's College are all of approximately equal credit value from 18 to 25 credits (the exception is ESOL). Thus, students studying five subjects, or courses of study, will be attempting 100 -120 credits (approximately).

Level 1: A student needs to achieve 80 credits, including 8 Numeracy and 8 Literacy credits, to achieve the NCEA Level 1. Note that 14 credits in Level 1 Mathematics must be gained to satisfy the numeracy requirement for University Entrance.

Level 2: For a student to be awarded Level 2 they must achieve 80 credits, of which a minimum of 60 credits is at Level 2 or above, from anywhere on the National Qualifications Framework. Note that 8 credits in Level 2 English (4 in reading, 4 in writing) or Level 2 Te Reo Maori must be gained to satisfy the Literacy requirement for University Entrance.

Level 3: For a student to be awarded Level 3 they must achieve 80 credits, of which a minimum of 60 credits are at Level 3 or above, from anywhere on the National Qualifications Framework.

ACHIEVEMENT STANDARDS

Each subject or Course of Study will consist of a number of Achievement or Unit Standards (worth varying numbers of credits).

Some Achievement Standards will be internally assessed by the school. Others will be externally assessed as part of the formal NZQA end of year examinations.

Four grades are possible for each Achievement Standard - Excellence, Merit, Achieved and Not Achieved (where the Standard has not been achieved).

Credits earned by achieving the Standard (Excellence, Merit, Achieved) count towards NCEA.

See page 10 for University Entrance details.

UNIT STANDARDS

All Unit Standards are internally assessed by the school. Unit Standards can count towards the credits needed for NCEA. These are not suitable if you want to enrol in a degree with selective entry as you will need to achieve merit and excellence grades and these are not available with unit standards.

Further details are available by visiting www.nzqa.govt.nz

COSTS

The fee structure for 2010 will be as follows:

Domestic Candidates:

Entry for all NQF (NCEA) standards and up to 3 Scholarship Standards	\$75.00
Additional Scholarship Standards per subject	\$75.00

Foreign Fee Paying Candidates:

Entry for all NQF (NCEA) standards	\$375.00
All Scholarship entries per subject	\$100.00

Financial Assistance

Government funded financial assistance is available for domestic students to assist with the payment of the above entry fees. There are a number of criteria for eligibility for financial assistance including having more than one child in the family undertaking NCEA qualifications in the same year.

The College will provide students and parents with further details of financial assistance criteria at the time of fees invoicing.

Note: Financial Assistance is not available to foreign fee paying students.

THE NCEA PATHWAY

The following are the subjects we expect to offer in 2010.

St Peter's College reserves the right to make changes to the subjects listed. Should there not be sufficient students choosing to take a subject, or inability to find a suitably qualified teacher, then the subject will not be offered.

YEAR 11 / LEVEL 1	YEAR 12 / LEVEL 2	YEAR 13 / LEVEL 3
Art	Design Painting Photography	Design Painting Photography
Accounting	Accounting	Accounting
Economics	Economics	Economics
Carpentry	Furniture Making (does not Progress to Level 3)	
Drama		
English (Compulsory) Or Alternate English (Compulsory), Or ESOL (Compulsory)*	Alternate English (Compulsory), Or English (Compulsory), Or ESOL (Compulsory)*	English, Or ESOL
French	French	French
Geography	Geography	Geography
Graphics	Graphics	Graphics
History	History	History
Hospitality	Hospitality	Hospitality (Level 2)
Information Management	Information and Communication	Information and Communication I T Skills
	Mandarin	Mandarin
Maori	Maori	
Mathematics (Compulsory)	Mathematics Or Alternate Mathematics	Mathematics with Calculus Mathematics with Statistics
Music	Music	Music
Physical Education	Academic Physical Education Outdoor Education	Academic Physical Education
Religious Studies (Compulsory), Or RESOL (Compulsory)*	Religious Studies (Compulsory)#, Or RESOL (Compulsory)*	Religious Studies (Compulsory)#, Or RESOL (Compulsory)*, Or EAP (IELTS) (Compulsory)*
Science (Compulsory) Or Alternate Science (Compulsory)	Alternate Science Biology Chemistry Physics	Biology Chemistry Physics

* International Students only, # St. Peter's College Certificate.

2. CAMBRIDGE INTERNATIONAL EXAMINATION (CIE)

This is an international qualification that has “ad eundem statum” for acceptance to New Zealand tertiary institutions. A key component is the provision of “local courses” that are built on New Zealand curriculum statements.

Students in the CIE pathway are discouraged from sitting more than one NCEA subject per year.

Year 11 IGSCSE

Year 12 and 13 AS and A Level

These are administered by the University of Cambridge Local Examinations Syndicate (UCLES). Examinations are held in October – November.

Mid-year and end-of-year practice examinations will form a part of the St Peter's College assessment system, as they do now.

The CIE pathway offers examinations at 3 levels:

Year 11 International General Certificate of Secondary Education (IGCSE)

Year 12 Advanced Subsidiary (AS)

Year 13 A further year of AS papers or a combination of AS and A Level papers

Pass grades awarded for IGCSE are A*, A, B, C, D, and E. Grade E represents a mark of 40 – 49%. Although a “conceding pass”, students gaining an E grade in IGCSE cannot progress to AS in that subject.

Students must gain at least a D grade (50-59%) in IGCSE Maths to gain Numeracy for University Entrance. Students must gain at least an E grade (40-49%) in AS English to gain Literacy for University Entrance.

Most students following the CIE pathway will study Religious Studies plus five IGCSE subjects (including 2 options) at Year 11, Religious Studies plus five AS subjects (including 4 options) at Year 12 and Religious Studies plus four or five AS/A Level subjects at Year 13.

See page 10 for University Entrance details.

COSTS

Due to changes in exchange rates, we cannot provide 2010 costs, but they should be relatively similar to the 2009 costs.

Costs for the 2009 entry fees are:

IGSCSE	\$92.00 per subject \$75 St Peter's Admin Fee
AS	\$62.50 per subject \$75 St Peter's Admin Fee \$40.00 Candidate fees
A Level	\$62.50 per subject (or \$96.50 if sitting both AS and A Level in one session) (Local and Candidate fees are the same as AS above)

*The local fee covers school costs associated with exam invigilators, answer booklets, courier fees etc.

Note: There is an expectation that those students selected for CIE qualification subjects will enter the CIE examinations in all subjects at the appropriate level.

Additional information can be obtained from the CIE website www.cie.org.uk

Please note: Given that Cambridge charges in Pounds Sterling, entry fees are subject to change depending on currency exchange rates.

THE CAMBRIDGE PATHWAY

The following are the subjects we expect to offer in 2010.

St Peter's College reserves the right to make changes to the subjects listed. Should there not be sufficient students choosing to take a subject then the subject will not be offered.

YEAR 11	YEAR 12 AND 13	
IGCSE	AS	A Levels
Accounting	Accounting	Accounting
Biology	Biology	Biology
Chemistry	Chemistry	Chemistry
	Classical Studies	
Economics	Economics	Economics
English (Compulsory), or ESOL (Compulsory)*	English Literature (Compulsory), or ESOL (Compulsory)*	English Literature or ESOL*
French	French Language	French
Geography	Geography	Geography
History	History (Modern European)	History (Cold War)
	History of Art	
Mandarin	Mandarin	
Mathematics (Compulsory)	Mathematics	Mathematics
	Physical Education	
Physics	Physics	Physics
Religious Studies (Compulsory)#, or RESOL (Compulsory)*	Religious Studies (Compulsory)#, or RESOL (Compulsory)*	Religious Studies (Compulsory)#, or RESOL (Compulsory)*, or EAP (IELTS) (Compulsory)*

* International Students only, # St. Peter's College Certificate.

NEW ZEALAND SCHOLARSHIP

New Zealand Scholarship is awarded to students in a subject who have demonstrated:

- High level critical thinking, abstraction and generalisation and
- Ability to integrate, synthesise and apply knowledge, skills understanding and ideas to complex situations.

Scholarship recognises excellence and carries a range of significant ongoing financial awards for students continuing on to tertiary study. (Note: International students are eligible for the Scholarship award but are not eligible for any of the associated financial awards).

Assessment is restricted to content of the Level 3 achievement standards for that subject. Along with the above criteria, successful Scholarship students will have also displayed:

- Comprehensive content knowledge;
- Effective communication;
- Original or sophisticated solutions, performances or approaches;
- Critical evaluation;
- Flexible thinking in unfamiliar/unexpected contexts.

New Zealand Scholarship is an award which sits apart from the NCEA or CIE qualification and as such does not generate National Qualification credits. Attainment of Scholarship will nevertheless appear on a student's Record of Learning. Scholarship students complete a separate examination for each subject with awards going to approximately 2-3% of the total cohort of students entered at Level 3 in a particular subject.

Students entered in the Scholarship Programme are required to attend before and/or after school tutorials in term 2 & 3 and pay the school a fee (apprx. \$100) which will be refunded in November based on tutorial attendance and having sat the examination.

COSTS:

Students entered for NCEA are eligible to enter for up to 3 Scholarship papers at no extra cost. Additional Scholarship entries are \$75.00 per subject.

CIE students may enter 3 Scholarship subjects for \$75. Additional Scholarships are \$75 per subject.

International students incur fees of \$100.00 per subject for all Scholarship entries.

GATEWAY PROGRAMME

This is a programme designed for hard-working senior students who may wish to pursue a career in one of the trades. Gateway is suitable for students who may be finding it a challenge to achieve within the normal school academic programme, but who wish to remain at school to further their learning. The programme enables students to gain credits towards NCEA while having one day per week in the workforce in their chosen area.

Students apply for inclusion in the course and a short list will be created. These students will be interviewed by the Gateway Co-ordinators and the Deputy Principal (Curriculum) to assess suitability. 20 students will be selected to participate in the programme.

The subjects studied are English, Maths, Workplace Literacy and 3 optional subjects.

Any enquiries about this course should be directed to the Gateway co-ordinator Mr Brett Fricker. (bfricker@st-peters.school.nz)

UNIVERSITY ENTRANCE

These details reflect the situation as St Peter's College currently understands it. Students and their parents are strongly urged to contact the relevant university for specific details.

To gain University Entrance, you will need to meet certain entry standards. While most of these will be achieved in Years 12 and 13, it is important to realize that minimum levels of literacy (in English) and numeracy (in Mathematics) will be required.

COMMON ENTRANCE STANDARD THROUGH NCEA

To be qualified for entrance to New Zealand Universities students need to attain the following:

Numeracy:	14 credits in Level 1 Mathematics
Literacy:	4 credits reading} 4 credits writing}
	in Level 2 English or Te Reo Maori
+	
Academic Criteria, Level 3	A minimum of 42 credits at Level 3, which includes a minimum of 14 credits at Level 3 in each of 2 approved subjects*, with a further 14 credits at Level 3 from no more than 2 additional domains on the National Qualifications Framework or approved subjects.

Note: this is the minimum entrance criteria for Open Entry Courses at most universities (eg Bachelor of Arts). Limited entry courses have higher criteria. Students applying for courses at Auckland University will be ranked according to their best 80 credits at Level 3 or higher, over a maximum of 5 approved subjects.*

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

COMMON ENTRANCE STANDARD THROUGH CAMBRIDGE

Numeracy:	D grade or better in IGCSE Mathematics
Literacy:	E grade or better in AS English
Academic Criteria:	Minimum 120 points on the UCAS tariff (with a minimum grade of D in at least 3 subjects equivalent to those in the list approved for NCEA at AS or A Level).

Note: This is the minimum criteria for Open Entry Courses at most universities (eg: Bachelor of Arts, Bachelor of Science). Limited entry courses have higher criteria. All students applying for courses at Auckland University will be ranked according to their UCAS score accumulated over a maximum of 6 subject units in the last 2 years.

UCAS TARIFF

AS Level (Single Credit)		A Level (Double Credit)	
A	60	A	120
B	50	B	100
C	40	C	80
D	30	D	60
E	20	E	40

COURSES OF STUDY

YOU NEED TO PLAN WHAT YOU MAY DO WHEN YOU LEAVE SCHOOL

Not everyone knows what they want to do when they leave school but it is time to start thinking about some of the options that you may wish to consider. Careers advice is available from the Careers Department and a Careers subject choice guide follows at the end of this section.

It is important that your course is broad-based so that you have a number of different options in the future.

- Plan the course backwards from tertiary/apprenticeship level and develop a continual focus on meeting the requirements.
- Don't settle for 'Achieved' grades in NCEA subjects – **especially** if intending to go to university.
- In the senior school **Streaming and prerequisites** for school courses are based on the student's performance in external exams.

You will start to specialise more in Year 12 and this will be continued with greater depth in your final Year 13 studies.

Students who do not attend registration prior to the commencement of Term 1, 2009, will have their courses removed and will have to apply again for a course once school has commenced. Reserved places will not be held and may be re-allocated to other students. Students also need to know that to be eligible for a year level they must be studying the majority of their subjects at that level i.e. four out of six. Permission for exemption will need to be obtained from the Deputy Principal Curriculum.

Students have the option of studying the following general courses:

Year 11 Compulsory Subjects (NCEA or CIE)

Religious Studies, Maths, English, Science, Plus two Option Subjects (see option sheet)

Year 12 Compulsory Subjects

Religious Studies, English (NCEA or CIE), Plus **four NCEA** Option Subjects (see option sheet), or **four Cambridge AS** subjects (see option sheet)

Year 13 Compulsory Subjects

Religious Studies, Plus **five NCEA** Option Subjects (see option sheet), or **five Cambridge AS / A Level** subjects (see option sheet)

Note:

Students are reminded that, in line with policies relating to University Entrance, they should be gaining their qualifications by one primary path (i.e. NCEA or CIE).

In special circumstances a student may choose **one** NCEA course to compliment a predominantly CIE course. Students may be offered the opportunity to move from NCEA to CIE courses in consecutive years. In special circumstances multi-level study is possible. All courses of study are subject to approval by the Deputy Principal Curriculum.

Check Requirements For Tertiary Courses

It is important that you check the tertiary course subject requirements for the course you wish to follow prior to finalising your subject choices.

FROM THE CAREERS ADVISOR

“Choose a job you love and will never have to work a day in your life” (Confucius)

The Careers Information Centre is located in G Block just beside the Deans' office. The careers advisors are Mrs Duston and Mrs Ulrich, and the careers administrator is Mrs Kersten.

The Careers programme at St Peter's College offers a range of services to assist students to realise their personal qualities and strengths and make positive and informed choices about their future. The Careers Department oversees the delivery of all career education modules delivered at St Peter's College throughout years 7-13.

Appointments with the Careers Advisors for individual career counselling and guidance are made for Year 12 and 13 students; parents are most welcome to attend. Students at other levels are most welcome to visit the Careers Centre to discuss subject choices and career implications.

Students can use the Careers Services website (www.careers.govt.nz) on the internet to obtain valuable information about a wide range of occupations. The profile on each occupation includes information on suitable school subjects, skills and personal qualities required, job outlook and salary details. A pamphlet is available from the Careers office about the website, and Careers staff are available to show students how to navigate the website to find the information required.

If you are applying for a specific course, it is important to check entry details and subject requirements with the provider of that course (e.g. University, Polytechnic). These may change during the year. For limited entry courses, the marks required may vary each year, depending on the quality of applicants.

For apprenticeships, information is available on the modern apprenticeships website (www.modern-apprenticeships.govt.nz) or on Industry Training Organisation (ITO) websites specific to the type of apprenticeship. School subjects important for apprenticeships include Mathematics and English, and often Science subjects (depending on the type of apprenticeship). Employers often request a copy of school reports to check work ethic, and a Curriculum Vitae is needed. Staff in the Careers Centre are able to look over your CV and advise you on what is required.

CAREER – SUBJECT CHOICE GUIDE

The summary on the following pages is a general guide to subject selection for a range of tertiary programmes/apprenticeships. It is not a complete list of all occupations, but gives an outline of some University and Polytechnic courses, possible prerequisite school subjects and **current** course entry requirements (updated June 2009). It should be **used as a guide** to assist in the selection of appropriate subjects.

Important:

- Entry into many courses is dependent on grades/level of achievement as well as subject choice
- There are numerous occupations not on this list. You are advised to visit the Careers Centre to obtain specific details
- You should also check current entry requirements and prerequisites from the websites and prospectuses of the tertiary institution you are interested in.
- The minimum entry listed in the table below refers to the minimum academic requirements that need to be achieved in order to be **considered for entry** to the course. Meeting these minimum entry requirements **does not guarantee** a place on the course.
- For minimum entry standards, we have tried to list both NCEA and Cambridge requirements. In cases where Cambridge standards are not listed, please see Careers Department.
- University Entrance (UE) criteria are outlined earlier in this handbook for Cambridge and NCEA pathways.
- **Table A** and **Table B** and the **ranking system** referred to in the chart relates only to entry to the **University of Auckland**. It is reproduced at the end of the chart.

Career	Qualification	Recommended subjects	Minimum entry
Agriculture	Diploma	Level 2 or AS Chemistry, Mathematics, English, Biology, Physics	40 credits at Level 2 over 4 subjects + numeracy and literacy
	Degree	Level 3 or AS Chemistry, Mathematics, Biology, Physics	UE
Apprenticeships (many including building, plumbing, electrical)	National Certificate	Mathematics, English, General Science Physics Level 2 for Electrical Carpentry, furniture for building, plumbing Graphics useful	Completion of Year 11; but preferably Year 12 Some pre-apprenticeship courses require completion of Year 12 + 8 NCEA level 1 credits in English. Level 2 Mathematics, English, Physics required for electrical apprenticeship
Architecture	Masters Degree (total 5 years)	Highly recommended: level 3 visual arts subjects, level 3 or AS Mathematics, English (or other English-rich subject), Physics. Useful: Graphics	Auckland Uni: UE + must take one Table A humanities subject and one Table B subject (and under NCEA gain 16 credits in both table A and B subject). Portfolio. Ranking system.* UNITEC: UE + portfolio Victoria: UE and entry after intermediate year (no portfolio)
Architectural Technology	Diploma	Level 2 or AS Mathematics, Physics, English. Graphics useful.	Min 35 credits in best 3 subjects at Level 2. Level 2 Maths with 12 credits from Trig and Algebra, Literacy
Army, Airforce, Navy (1) Officer Training (2) Technical roles		(1) Level 3 or AS English, Mathematics, Physics (2) Level 2 or AS English, Mathematics, Science subject (Physics preferred)	Must be 17 years + (1) 70-90 credits in NCEA Level 3 over 5 subjects with high proportion at Merit/Excellence (2) Completion of Year 11. Minimum 12 credits in Level 1 English, Maths, Science. Some roles require 12 credits in Level 2 English, Maths, Physics or other Science subject
Automotive Mechanics	Certificate	Level 1 English, Mathematics	Completion of Year 11 or 12 + 8 credits in Level 1 English
Aviation (1) Airforce (2) Massey (3) Flying school (4) Air New Zealand Certificate in Aeronautical Engineering	Pilot/Navigator B Aviation National Certificate	English, Mathematics and Science subjects (preferably Physics) Year 13 or AS Physics, Mathematics, English Year 12 or AS Physics, Mathematics, English Year 12 or AS English, Mathematics and Science subject (preferably Physics)	Min 18 credits in Level 2 English, Maths and Science subjects (pref Physics) UE + pre-selection exam Pre-selection process Pre-enrolment assessment
Business/Commerce	Degree	Level 3 or AS Mathematics. Business subjects highly desirable but not compulsory. Calculus if majoring in Economics or Finance.	UE Auckland Uni: 16 credits in 3 table A and B subjects. Ranking system.*
	Certificate	Level 2 English, Mathematics.	48+ credits at Level 2 + 8 credits in reading and writing in Level 1 English
Computing/IT	Degree	AS Mathematics or Level 3 Mathematics with Calculus, Statistics	UE and 14+ credits in Level 2 Mathematics
	Diploma	Level 2 Mathematics, English	48 to 60 credits at Level 2 with 14 credits in 2 subjects + numeracy + literacy Cambridge: 60pts on UCAS + literacy
Construction Management/Quantity Surveying	Degree	Level 3 or AS Mathematics. Economics, Physics recommended	UE and 12+ credits in Level 2 Mathematics
	Diploma	Level 2 Mathematics, English	35+ credits at Level 2 with 12 credits from algebra/trig + literacy
Dentistry	Degree (Otago)	AS or Level 3 Biology, Chemistry, English, Mathematics, Physics	Otago: UE then entry after 1st Year Health Sciences
Design	Degree	Level 3 Art subjects. English, Art History, Graphics useful.	UE. Art portfolio (and interview at some universities including AUT and UNITEC)
Engineering	Degree (4 years)	A Level or AS Mathematics or Level 3 Calculus A Level or AS Physics or Level 3 Physics Chemistry required for some courses.	Auckland: UE, Ranking system* CIE: full A Levels for Physics and Mathematics NCEA: 18 credits in Calculus and Physics Canterbury: UE, 18 credits in Calculus and Physics Massey: UE, 16 credits in Physics and Calculus or D grade in AS Physics, Mathematics AUT: UE, 14 credits in Physics and Calculus. Full A levels for Maths and Physics
	Diploma	Mathematics, Physics, Graphics	NCEA: 14 credits in Level 2 Maths and Physics + 14 credits in Level 1 English CIE: AS grade E in Maths and Physics, IGCSE grade D in English
Career	Qualification	Recommended subjects	Minimum entry

Fine Arts	Degree	Level 3 visual arts subjects, Art History	UE, Portfolio, interview.
Food Science, Nutrition	Degrees at Otago, Massey, Auckland, AUT	AS or Level 3 Biology, Chemistry, Mathematics, English	UE
Food Technology	Massey (4 years)	AS or Level 3 Chemistry, Biology, Physics, Calculus	UE, 16 credits Level 3 Calculus, Physics + 14 credits Chemistry or D grade in AS Physics, Mathematics and Chemistry
Horticulture	Degree	Level 3 or AS Biology, Chemistry, Mathematics	UE
Hospitality	Degree	AS or Level 3 English, Mathematics, Commerce subjects	UE + interview, work experience recommended
	Diploma	AS or Level 2 English	48+ credits in Level 2 subjects with 8 Level 2 credits in language-rich subject. Cambridge: 60 pts on UCAS, incl. language-rich subject. Possible interview
Journalism, Communications	Degree	AS or Level 3 English	AUT: UE NCEA: 60 credits at Level 3 in 4 subjects incl 18 credits in English-rich subject. Cambridge: 150pts on UCAS, C grade at AS level in English-rich subject. Curriculum vitae, letter of application
Law	Degree (4 years)	AS or Level 3 English, History	UE, then competitive entry after 1st yr. Ranking system*.
Medical Laboratory Science	Degree(4 years) at AUT, Otago, Massey	Level 3 Mathematics with Statistics or AS Mathematics. Biology, Chemistry, English, Physics	AUT: UE with NCEA: 14 credits in Level 3 Maths with Statistics, Biology, Chemistry CIE: AS Maths, Biology, Chemistry Massey: UE, Level 3 or AS Chemistry Otago: UE, then entry after 1st yr Health Sciences
Medical radiation therapy (Otago University @ Wellington campus)	Degree	AS or Level 3 English, Maths, Biology, Physics	UE + Level 3 credits in language-rich subject + selection criteria. Interview.
Medicine	Degree (6 years); entry after 1st year	AS or Level 3 Biology, Chemistry, Physics, Maths, English	Auckland: UE. Intermediate year of either BSc (BiomedSci) or BHSc. Both limited entry into 1st year: BHSc requires 18 credits from 1 table A and 1 table B subject (NCEA) and full A levels in 1 table B subject preferred (CIE). Ranking system*. Entry after 1st yr. Otago: need UE, then competitive entry after 1st yr Health Sciences.
Music	Degree	Music (Level 2 and/or Level 3 or AS Music)	UE + audition Auckland Uni: Ranking system*
Nursing	Degree	AS or Level 3 Biology, Chemistry or Physics, Maths + language-rich subject	UE. Auckland: need 16 Level 3 credits from 1 table A subject + 16 credits from one of Biology, Chemistry, Physics. Ranking system* AUT: NCEA: 14 credits at level 3 from 1 of Biology, Chemistry, Physics or Maths + 14 credits in Level 2 English CIE: AS English + one of AS Biology, Chemistry, Physics, Maths
Optometry	Degree (5 years)	AS or Level 3 Chemistry, Biology, Physics, Mathematics	UE + limited entry into BSc (Biomed Sci), then competitive entry into optometry after 1st yr
Pharmacy	Degree (4 years + 1 yr internship)	AS or Level 3 Biology, Chemistry, Physics, Maths, English Full A levels in Biology and Chemistry preferred.	Auckland: UE + 18 credits in Level 3 Biology and Chemistry (NCEA). Full A levels in Biology and Chemistry preferred (CIE). Ranking system*. Interview. Otago: UE, then competitive entry after 1st year Health Sciences.
Physical Education	Degree (4 years)	Biology, English, Academic PE highly recommended	Auckland: UE + interview. Ranking system* Otago: initial selection from Year 12 results; 80 credits at Level 2 with 16 credits in each of 4 subjects + UE
Physiotherapy	Degree (4 years)	AS or Level 3 Biology, Chemistry, Physics, English, Maths	AUT: UE with 56 credits Level 3 credits in 3 approved subjects (NCEA) or 180 pts on UCAS (full A levels preferred) Otago: UE, then entry after 1st yr Health Sciences
Planning	Degree	Level 3 or AS Geography and Economics useful	UE. Auckland: Ranking system*.
Police		Level 2 English, Maths	Academic and Physical tests Swimming, first aid and defensive driving certificates.
Science	Degree	AS or Level 3 Bio, Chemistry, Physics, Maths	UE. Ranking system* at Auckland University.
Sport and Recreation Sports Science	Degree	Biology, English, Geography, Physical Education	UE Auckland Uni (Sports and Ex Science): Ranking system*
Surveying	Degree	Level 3 Statistics, Calculus or AS Maths, Physics, Geography, English.	Otago: UE, then entry after 1st yr
	Diploma	Level 2 Mathematics, Science (pref. Physics)	Unitec: 36 credits at Level 2, incl. 12 credits from Level 2 Mathematics (Algebra/Trig) or Level 2 Science

Teaching	Degree	AS or Level 3 approved subjects	UE + interview (Note: for secondary teaching, do undergraduate degree then Grad Dip Tchg or 4 year teaching degree)
Veterinary Science	Degree	AS or Level 3 Biology, Chemistry, Maths, Physics, English	UE then competitive entry after 1st semester at Massey

The following information relates to the University of Auckland only (denoted with * in chart)

For more indepth information, see www.auckland.ac.nz or collect prospectus from Careers Department

Subject and Credit Requirements for Limited Entry Courses

To be admitted into The University of Auckland you must gain UE and be selected into a programme. All students applying for programmes at Auckland University will be ranked. In addition, some courses have specific subject requirements (see table below).

Ranking system

NCEA: students ranked according to their best 80 credits at Level 3 or higher over a maximum of 5 approved subjects, weighted by the level of achievement attained in each set of credits.

CIE: students ranked according to their UCAS Tariff score total accumulated over a maximum of six subject units in the last 2 years, in subjects at AS or A level that match those of NCEA.

Programme	Requirements from Table A	Requirements from Table B	Other requirements
Bachelor of Architectural Studies	NCEA: minimum 16 credits in one subject Cambridge: one subject	NCEA: Minimum 16 credits in one subject Cambridge: one subject	Portfolio
Bachelor of Business and Information Management	NCEA: Minimum 16 credits in each of three subjects Cambridge: three subjects		Nil
Bachelor of Commerce	NCEA: Minimum 16 credits in each of three subjects Cambridge: three subjects		Nil
Bachelor of Engineering	Nil	NCEA: Minimum 18 credits in each of Maths with Calculus and Physics Cambridge: Maths and Physics (full A levels preferred.)	Nil
Bachelor of Health Sciences	NCEA: Minimum 18 credits in one subject Cambridge: one subject	NCEA: Minimum 18 credits in one subject. Cambridge: one subject (full A level preferred.)	Nil
Bachelor of Nursing	NCEA: Minimum 16 credits in one subject Cambridge: one subject	NCEA: Minimum 16 credits from one of Biology, Chemistry, Physics Cambridge: One of: Biology, Chemistry, Physics	Nil
Bachelor of Pharmacy	Nil	NCEA: Minimum 18 credits in each of Biology and Chemistry Cambridge: Biology and Chemistry (full A levels preferred)	Interview
Bachelor of Planning	Nil	Nil	Nil
Bachelor of Property	NCEA: Minimum 16 credits in each of three subjects Cambridge: three subjects		Nil

TABLE A	TABLE B
Classical Studies	Accounting
English	Biology
Geography	Business Studies (Cambridge)
History	Chemistry
History of Art	Economics
Te Reo Maori or Te Reo Rangatira (NCEA only)	Mathematics (Cambridge)
	Mathematics with Calculus (NCEA)
	Physics
	Statistics and Modelling (NCEA)

ASSESSMENT PROCEDURES 2010

AUTHENTICITY

How will the college ensure that student work is their own? Whose responsibility is it to make sure that authenticity issues are addressed?

All Faculties will provide a standard cover sheet which the student must sign and hand in with each out of class assignment. In signing this sheet the student is declaring that the work contained in the assignment is his own work and that anyone else's work used in the course of the assignment has been properly sourced and referenced.

Faculties will devise supporting strategies to authenticate students' work. These may include students being required to submit drafts, plans, logbooks etc. Collection of assessment evidence at check-points or milestones throughout a course can assist in authenticating work.

What will happen to students who are caught cheating? Who will be responsible for this?

Students caught cheating will receive a 'Not Achieved'. The incident is to be documented and a copy given to Deputy Principal (Curriculum) by the Head of Faculty.

The student is not eligible for the scheduled reassessment. Further evidence of learning may not be submitted in this case.

LATE WORK & MISSED ASSESSMENT

What will happen when work is not completed on the due date? How will the school determine if excuses are legitimate? Who will decide on extensions?

All students are expected to complete all assessment work and hand it in to the school Academic Centre before 9.00am on the due date unless there is a legitimate reason. Art students may be required to hand their work in directly to the Art office. Legitimate reasons include a family bereavement and illness. A student must produce a medical certificate if because of illness, he is absent for an assessment, or is absent on the date an assessment is due and consequently fails to hand it in on time.

In all cases of legitimate absence a student may be awarded an achievement standard provided there is sufficient evidence* to indicate that the student would have gained this standard. Such evidence includes, but is not restricted to class test marks, other assessments, and results from practicals.

Where there is insufficient evidence the student will be given one opportunity to be reassessed in the standard missed.

**Note: the concept of sufficient evidence means that the student has had the opportunity to accumulate such evidence. Therefore a student who has been in class prior to assessment but has completed no work and was then away for the assessment would receive 'Not Achieved'.*

Any student who was absent for the assessment, or did not hand in an assessment on time, without a legitimate reason would receive a 'Not Achieved' and would NOT have the opportunity to be reassessed in the standard missed.

Any student absent from school on a deadline day must make every effort to get the work into the school office by 9.00am. This may mean asking family or friends to bring the work in. Alternatively it can be faxed or couriered. If this is not possible then the student's teacher must be notified by phone, fax or email. Without this communication to the teacher the work will not be marked.

Re-sits:

In Cambridge there are no re-sit options.

In NCEA there is one re-sit or re-submit option if a student has submitted the original assignment. In certain lab-based and technical subjects there is no re-sit option. The details of this are outlined in the Faculty section of the Curriculum Guide.

COURSE OUTLINES

RELIGIOUS STUDIES

Head of Faculty
Dr David Legg

St Peter's College offers a unique range of challenging, high calibre courses in its Religious Studies Faculty. The following courses are offered in Years 11 to 13 and are compulsory for all students at St Peter's College.

YEAR 11 INTRODUCTION TO PHILOSOPHY & THEOLOGY

Entry Requirements: Year 10 Religious Studies

Course Description: This year is divided into two Semesters. In the first semester, students are introduced to Philosophy as the rational discussion of basic ideas and arguments. It includes a discussion of learning, knowledge and opinion, forms of government, the function of law, the differences between Science, Philosophy and Religion. In the second semester, students are introduced to Theology as faith seeking understanding, starting with St Anselm's argument for the existence of a Supreme Being, through the development of the ideas of God in Greek, Hebrew and Christian thought. It includes a study of the Trinity, death, miracles and prayer. It then introduces Hindu and Islamic thought.

These courses are each 5 periods / week.

Qualification Gained: SPC Certificate in Introduction to Philosophy and Theology.

Course Costs: \$10 per annum

YEAR 12 INTRODUCTION TO ETHICS AND SPIRITUALITY

Entry Requirements: Year 11 Religious Studies

Course Description: This year is divided into two Semesters. In the first semester, students are introduced to Ethics as the rational discussion of how to live well, starting with a study of human nature, emotions and the study of four major Ethical theories, and their application. In the second semester, students are introduced to a study of Spirituality as the experiential dimension of religion. It includes a study of mystical experience, the writings of Thomas Merton and the Gospel Beatitudes, before studying the Jewish experience of suffering, the Buddhist notion of enlightenment and the Chinese concept of the Way/Tao.

These courses are each 5 periods / week.

Qualification Gained: SPC Certificate in Introduction to Ethics and Spirituality

Course Costs: \$10 per annum

YEAR 13 PHILOSOPHY AND THEOLOGY

Entry Requirements: Year 12 Religious Studies

Course Description: This year is divided into two Semesters. The first semester is an intellectually rigorous study of several Classical and Modern texts in the history of Philosophy, from Socrates, Plato and Aristotle to Descartes, Wittgenstein and Coreth, related to the themes of truth, knowledge and meaning. In the second semester, students examine the relationship between faith and reason, and beliefs, theology and faith. They then analyze the arguments of Aquinas and Coreth for the existence of God and then study St John's Gospel by a close reading of the Prologue of his Gospel in Greek.

These courses are each 5 periods / week.

Qualification Gained: SPC Certificate in Philosophy and Theology

Course Costs: \$10 per annum

ART (VISUAL)

Head of Faculty
Ms Jac Dwyer

NCEA ART LEVEL 1

Entry Requirements: Pass mark in Year 10 Art

Course Description: A practical course which emphasises painting and drawing skills but also includes a design unit. Students will experiment with a range of materials and produce a series of art works based around a theme. Students will also work with the influence of contemporary artists and designers to create an externally assessed portfolio of work. The course will prepare students for Level 2 Painting, Design and Photography.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90018	Research Art and Artworks from Maori and European traditions and their context(s)	Internal	3
AS90019	Use drawing processes and procedures	Internal	5
AS90020	Generate and develop ideas in making Artworks	External	12
AS90021	Extend ideas in media and techniques to produce new work	Internal	4

Qualification Gained: 24 credits at Level 1 NCEA

Course Costs: \$50.00 materials fee

NCEA DESIGN LEVEL 2

Entry Requirements: Level 1 Art. Minimum of 15 credits

Course Description: A practical course which builds on experiences from Level 1 Art. The course involves two internal standards and one external portfolio submissions. Level 2 Design is an essential foundation to Level 3 Design. The course will examine logo, typography, digital and manual illustration. Students will have access to illustrative computer programmes, and are required to be highly motivated to develop their own computer skills. Each student will work with an established subject matter, and will have the opportunity to develop an individual approach both thematically and stylistically. Students are required to cover the extra costs of quality paper and colour printing required for final design work. As with all Level 2 visual Arts subjects, the course requires a substantial commitment outside the classroom, in addition to the compulsory attendance at an after hours computer training workshop.

Achievement/Unit Standards Offered: (if non - Cambridge)

Standard	Title	Internal/ External	Credit
AS90474	Research information, methods and ideas in the context of a drawing study in Design	Internal	6
AS90475	Generate and develop ideas using drawing processes and procedures in Design practice	Internal	6
AS90235	Produce a body of work within Design to show understanding of art-making methods and ideas	External	12

Qualification Gained: 24 credits at Level 2 NCEA

Course Costs: \$60.00

NCEA ART - DESIGN LEVEL 3

Entry Requirements: Level 2 Design: (external portfolio, 12 credits)

Course Description: A practical course where students work mostly on computer to produce their own body of design work. Each student's course is tailored to their individual interests and artist/designer models are studied which complement and extend their performance. Students are expected to cover the cost of some of the printing charges. This is in addition to the course fee. As with all Level 3 visual Arts subjects the course requires a substantial commitment outside the classroom. Art-Design can provide students with work suitable for a tertiary Art portfolio submission.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90516	Investigate and use ideas and methods in the context of a drawing study in design	Internal	6
AS90517	Produce original work within design to show extensive knowledge of Art-making methods and ideas	External	14

Qualification Gained: 20 credits at Level 3 NCEA

Course Costs: \$80.00

NCEA ART - PAINTING LEVEL 2

Entry Requirements: Level 1 Art, Minimum of 15 credits.

Course Description: A practical course which builds on experiences from Level 1 Art. The course involves two internal standard and one external portfolio submissions. Level 2 Painting is an essential foundation to Level 3 Painting. Students will explore practical aspects of painting alongside the study of contemporary artists. Each student will work with an established subject matter, and will have the opportunity to develop an individual approach both thematically and stylistically. As with all Level 2 visual Arts subjects, the course requires a substantial commitment outside the classroom.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90233	Research information, methods and ideas in the context of a drawing study in Painting	Internal	6
AS90476	Generate and develop ideas using drawing processes and procedures in Painting practice	Internal	6
AS90479	Produce a body of work within Painting to show understanding of art-making methods and ideas	External	12

Qualification Gained: 24 credits at Level 2 NCEA

Course Costs: \$60.00

NCEA ART - PAINTING LEVEL 3

Entry Requirements: Level 2 Painting (external portfolio, 12 credits).

Course Description: A practical course in painting and drawing. Students will look at recent painting practice and apply relevant painting concerns and methods to their own work. Research, development of ideas and a body of work are all assessed individually. Students are expected to buy some of their own painting equipment. This is in addition to the course fee. As with all level 3 visual Arts subjects the course requires a substantial commitment outside the classroom.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90663	Investigate and use ideas and methods in the context of a drawing study in painting	Internal	6
AS90667	Produce original work within painting to show extensive knowledge of Art-making methods and ideas	External	14

Qualification Gained: 20 credits at Level 3 NCEA

Course Costs: \$70.00

NCEA PHOTOGRAPHY LEVEL 2

Entry Requirements: Level 1 Art, Minimum of 15 credits. (non-art students may gain entry at the discretion of the Head of Visual Arts)

Course Description: A practical Photography course covering technical and theoretical aspects of Photography. Students should have their own manual, over-ride SLR camera in good working order (The Art Department does have a small number of SLR cameras for lease to students). Students are expected to buy their own film and paper, additional to the course fees, which cover chemicals and equipment. The course compliments the other level 2 art courses and is an essential foundation to Level 3 Photography. As with all Level 2 visual Arts subjects, the course requires a substantial commitment outside the classroom.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90471	Research information, methods and ideas in the context of a drawing study in Photography	Internal	6
AS90477	Generate and develop ideas using drawing processes and procedures in Photography practice	Internal	6
AS90480	Produce a body of work within Photography to show understanding of art-making methods and ideas	External	12

Qualification Gained: 24 credits at Level 2 NCEA

Course Costs: Fees \$90, SLR camera (or leased school camera), plus approx. \$160 for own costs.

NCEA PHOTOGRAPHY LEVEL 3

Entry Requirements: Level 2 Photography (External portfolio plus 1 internal. 18 credits). Limited to 18 students.

Course Description: A practical course where students produce their own body of photographic work. Each student's course is tailored

to their individual interests and artist models are studied which complement and extend their performance. Students must also expect to buy their own film and paper, and pay for computer printing if using digital photography, this is additional to the course fees which cover chemicals and equipment etc. As with all level 3 visual Arts subjects the course requires a substantial commitment outside the classroom. Art-Photography can provide students with work suitable for a tertiary Art/Photography portfolio submission.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90664	Investigate and use ideas and methods in the context of a drawing study in Photography	Internal	6
AS90668	Produce original work within Photography to show extensive knowledge of art making methods and ideas	External	14

Qualification Gained: 20 credits at Level 3 NCEA

Course Costs: Fees \$70, SLR camera optional

COMMERCE

Head of Faculty
Mr Steve Rewcastle

NCEA ACCOUNTING LEVEL 1

Entry Requirements: Nil

Course Description: Students undertaking Level 1 Accounting are expected to have a good grasp of English and basic numeracy skills. The course builds on the skills developed in Year 10 Business Studies and also skills from Maths and English. It is not necessary to have taken Business Studies in Year 10 but it would be an advantage. To study accounting at Level 2 it is preferable, although not essential to have studied it at Level 1. To study Year 13 Accounting it is essential to have completed either Level 1 or Level 2 Accounting.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90022	Demonstrate an understanding of the conceptual basis of accounting	External	3
AS90023	Describe a method of processing financial information and analyse transactions	External	3
AS90024	Process financial information for a sole proprietor	Internal	4
AS90025	Demonstrate an understanding of accounting systems for entities	Internal	3
AS90026	Prepare financial statements for sole proprietors	External	4
AS90027	Report financial information for an individual or household, and community organisations	External	3
AS90028	Analyse and interpret information for a sole proprietor(s)	External	4

Qualification Gained: 24 credits at Level 1 NCEA

Course Costs: Nil

NCEA ACCOUNTING LEVEL 2**Entry Requirements:** Accounting Level 1 NCEA

Course Description: This course is designed for students seeking a foundation for Level Three Accounting but is also suitable for students wishing to terminate their Accounting studies at Level 2. The course has the general aims of promoting knowledge and understanding of Accounting as a financial language for trading and service businesses. It also aims to apply financial knowledge and skills to practical situations including internal assessments involving investigation of a business and their subsystems.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90220	Explore the conceptual basis of accounting for a sole proprietor	External	3
AS90222	Investigate and report on accounting subsystems	Internal	4
AS90223	Demonstrate an understanding of accounting subsystems	External	5
AS90224	Prepare financial statements and related accounting entries for sole proprietors	External	5
AS90225	Analyse and interpret information and make recommendation(s) for a sole proprietor	External	4
US7372	Explain and make a balance sheet date adjustment and incorporate them into financial statements	Internal	2

Qualification Gained: 23 credits at Level 2 NCEA**Course Costs:** Nil**NCEA ACCOUNTING LEVEL 3****Entry Requirements:** Accounting Level 2 NCEA

Course Description: This course is appropriate for students who wish to continue accounting studies at tertiary Level or who wish to terminate a study of Accounting in Year 13. The course has the general aims of promoting knowledge and understanding of accounting as a financial language for partnerships and companies which may be service, trading or manufacturing businesses. It also applies financial knowledge and skills to practical solutions including analysis and interpretation of a reporting company.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90500	Describe and apply the conceptual basis of accounting in context	External	4
AS90501	Process financial information for partnerships and/or companies	External	3
AS90502	Process financial information for a manufacturing job cost subsystem	External	3
AS90503	Report financial information for partnerships and / or companies	External	6
AS90504	Prepare a report that analyses and interprets a company's financial report for external users	Internal	5
AS90505	Explain and prepare information for management decision-making	External	3

Qualification Gained: 24 credits at Level 3 NCEA**Course Costs:** \$28 Resource Book**NCEA ECONOMICS LEVEL 1****Entry Requirements:** Nil

Course Description: This course studies the Economic problem, Supply and Demand and the Market. We cover why goods cost what they do, how prices are determined, advertising and marketing, decision making, how trade works and what can the government do to influence the economy and a whole lot more. It is necessary for a student undertaking Level 1 Economics to have a good grasp of English and basic numeracy skills.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credits
AS90195	Describe concepts related to consumer choice and demand	External	4
AS90196	Describe producers, production, and resources and their use	External	5
AS90197	Describe the concept of supply	External	3
AS90198	Describe the market	External	5
AS90199	Describe relationships between sectors of the economy	External	2
AS90200	Understand and use the consumer decision-making model	Internal	2
AS90201	Carry out an economic investigation	Internal	3

Qualification Gained: 24 credits at Level 1 NCEA**Course Costs:** Nil**NCEA ECONOMICS LEVEL 2****Entry Requirements:** Economics or English Level 1 NCEA

Course Description: Economics Level 2 covers the three major issues of the economy, according to Macro-economics theory: Trade, Economic Growth and Inflation. We look at basic models of these issues; how to measure them; solutions offered in the past and in the current economic environment; and the government's response to these issues. Note: Level 2 Economics can be picked up without having done Level 1 Economics, if the student has passed Level 1 English

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90794	Describe inflation and its causes and effects using economic models	External	4
AS90795	Describe international trade and its causes and effects using economic models	External	4
AS90796	Describe economic growth and its causes and effects using economic models	External	4
AS90797	Process, present and analyse statistical data in relation to given economic issues	Internal	6
AS90798	Describe government policies in relation to economic issues	External	6

Qualification Gained: 24 credits at Level 2 NCEA

Course Costs: Nil

NCEA ECONOMICS LEVEL 3

Entry Requirements: Economics or English Level 2 NCEA

Course Description: Level 3 Economics covers topics that give a better understanding of NZ's economy - both its strong points and its weaknesses. In Level 3 we cover topics ranging from Elasticity (whether to change price depending on the revenue gained); to Marketing; to Government policies regarding tax and trade; to how the economy is affected by a single policy change. It is suitable for those wishing to terminate their economic studies and for those going onto tertiary study - particularly in the Commerce field. Note: it is not necessary for a student to have completed Year 12 Economics to enter Level 3 Economics

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90629	Understand marginal analysis and the behaviour of firms	External	5
AS90630	Understand the market and allocative efficiency	External	4
AS90631	Describe and illustrate resource allocation via the public sector to compensate market failure	External	4
AS90632	Describe and illustrate aggregate economic activity	External	6
AS 90778	Collect and process information, and carry out an economic analysis	Internal	5

Qualification Gained: 24 credits at Level 3 NCEA

Course Costs: Nil

CAMBRIDGE ACCOUNTING IGCSE

Entry Requirements: Selection for Cambridge Programme

Course Description: The aim of this syllabus is to develop Accounting courses that are suitable for Advanced Subsidiary Level candidates and for those seeking a more limited study of the subject. No previous study of the subject is assumed by the syllabus. The syllabus is intended to encourage courses that will enable students to:

- develop an ability to apply accounting concepts, principles and practices
- understand the role of accounting as an information system for monitoring, problem-solving and decision making and the place of accounting in changing economic, social and technological environments
- develop skills of communication, analysis, interpretation and presentation of both qualitative and quantitative accounting information.

Qualification Gained: Cambridge International Examinations IGCSE

Course Costs: Nil

CAMBRIDGE ACCOUNTING AS

Entry Requirements: Cambridge Accounting IGCSE

Course Description: The aim of this syllabus is to develop Accounting courses that are suitable for Advanced Level candidates and for those seeking a more limited study of the subject. There are

two pathways available to candidates (in all cases subject to the correct examination entry being submitted):

- Those candidates who aim only for an Advanced Subsidiary Level qualification take only papers 1 and 2.
- Candidates who wish to follow a staged assessment route to the A level qualification take the Advanced Subsidiary level first. Subject to satisfactory performance, they then need take only the two Supplement papers in order to complete the A level.

NO PREVIOUS STUDY of the subject is assumed by the syllabus. The syllabus is intended to encourage courses that will enable students to:

- develop an ability to apply accounting concepts, principles and practices
- understand the role of accounting, as an information system for monitoring, problem-solving and decision making and the place of accounting in changing economic, social and technological environments
- develop a critical and analytical approach to examining and evaluating accounting policies and practices
- develop skills of communication, analysis, interpretation and presentation of both qualitative and quantitative accounting information

Qualification Gained: UCAS points for University Entrance and AS level

Course Costs: Nil

CAMBRIDGE ACCOUNTING A LEVEL

Entry Requirements: Pre-requisite (or co-requisite with HOF approval – AS Accounting minimum B pass

Course Description: This course enable students to develop an ability to apply accounting concepts, principles and practices; understand the role of accounting as an information system for monitoring, problem solving and decision making and the place of accounting in changing economic, social and technological environments; to develop a critical and analytical approach to examining and evaluating accounting policies and practices; and to develop skills of communication, analysis, interpretation and presentation of both qualitative and quantitative accounting information. This course expands on the topics covered at AS level with greater emphasis on problem-solving. Students who undertake this course would usually be intending to further their study in this subject at tertiary level.

Qualification Gained: UCAS points for University Entrance and A Level

Course Costs: Nil

CAMBRIDGE ECONOMICS IGCSE

Entry Requirements: Selection for Cambridge Programme

Course Description: IGCSE Economics is designed for year 11 students to begin to understand the market economy in NZ and around the world. We cover supply and demand; why consumers, producers and governments make the decisions they do; international economics; exchange rates; unemployment, growth, inflation, trade and inequality.

Qualification Gained: Cambridge International Examinations IGCSE

Course Costs: Nil

CAMBRIDGE ECONOMICS AS

Entry Requirements: Selected to continue with the Cambridge Programme

Course Description: This is a two year AS/A level programme. AS Level Cambridge Economics is a course designed for Year 12 students and then Year 13 students for the A level course and it will look at issues ranging from 'why countries trade' and 'what they trade'; market failure and how to avoid it; how NZ should manage its balance of payments and exchange rates. AS level Economics studies the NZ economy as well as the UK economy. This programme is suitable for those wishing to continue into tertiary study.

Qualification Gained: UCAS points for University Entrance and AS Level

Course Costs: Nil

CAMBRIDGE ECONOMICS A LEVEL

Entry Requirements: Pre-requisite (or co-requisite with HOF approval) - AS Economics minimum B pass

Course Description: This course explores the theory of the market system as a means of solving the basic economic questions arising from scarcity. It also examines areas of market failure. The final section of the course covers Macro economics, looking at the big picture of how an economy operates. This course expands on the topics covered at AS level with greater emphasis on Macro-economics and an introduction to the economic development of countries. Students who undertake this course would usually be intending to further their study in this subject at tertiary level.

Qualification Gained: UCAS points for University Entrance and A Level

Course Costs: Nil

ENGLISH

Head of Faculty
Mr James Haggett

NCEA ENGLISH LEVEL 1

Entry Requirements: Nil

Course Description: This course is designed to cover the spoken, written and visual strands of English. The course prepares students for Level 2 English.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credits
AS90052	Produce creative writing	Internal	3
AS90053	Produce formal writing	External	3
AS90054	Read, study and show understanding of extended written texts	External	2
AS90055	Read, study and show understanding of short, written texts	External	2
AS90056	View/listen to, and show understanding of a visual or oral text	External	2
AS90057	Read and show understanding of unfamiliar texts	External	3
AS90058	Deliver a speech in a formal situation	Internal	3

AS90059	Produce a media or dramatic presentation	Internal	3
AS90060	Research, organise and present information	Internal	3

Qualification Gained: NCEA Level 1 English

Course Cost: Nil

NCEA ENGLISH LEVEL 2

Entry Requirements: 90057 (Read and Show Understanding of Unfamiliar Texts) has to have been gained. Also a further 4 Achievement standards need to have been gained; of which 2 are to be from the External Exam.

Course Description: This course is designed to cover the spoken, written and visual strands of English. The course prepares students for Level 3 English.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90374	Deliver a presentation using oral and visual language techniques	Internal	3
AS90375	Produce crafted and developed creative writing	Internal	3
AS90376	Produce crafted and developed formal transactional writing	Internal	3
AS90377	Analyse extended written text(s)	External	3
AS90378	Analyse short written texts	External	3
AS90379	Analyse a visual or oral text	External	3
AS90380	Read unfamiliar texts and analyse the ideas and language features	External	3
AS90381	Investigate a language or literature topic and present information in written form	Internal	3

Qualification Gained: NCEA Level 2 English

Course Costs: Nil

NCEA ALTERNATE ENGLISH (YEAR 11)

Entry Requirements: Recommended by Year 10 English teachers

Course Description: This course is a combination of unit standards and achievement standards. It is designed for the students who have not met the entry requirements for NCEA level 1. The course is comprised of only internal standards and covers the English curriculum strands.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
US 8812	Produce transactional written text	Internal	4
US 12412	Think critically about poetic written text	Internal	3
US 12415	Think critically about moving images	Internal	3
US 12416	Think critically about static images	Internal	3
AS 90058	Deliver a speech in a formal situation	Internal	3
AS 90059	Produce a media or dramatic presentation	Internal	3

Qualification Gained: 19 NCEA Level 1 English credits

Course Costs: Nil

NCEA ALTERNATE ENGLISH (YEAR 12)

Entry Requirements: Nil

Course Description: This course is unit standards based, designed for the students who have not met the entry requirements for NCEA Level 2. The course is comprised of only internal standards. It covers the written and visual strands of English. The course offers students the opportunity to gain the Level 2 Literacy requirements for tertiary study

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credits
US12905	Read an inclusive variety of written texts.	Internal	4
US8825	Produce transactional written text in complex forms	Internal	5
US12424	Read moving images closely	Internal	3
US12426	Present static images combining verbal and visual images	Internal	3
US2989	Read and assess texts to gain knowledge	Internal	4
AS90374	Deliver a presentation using oral and visual language techniques	Internal	3

Qualification Gained: NCEA Level 2 English

Course Costs: Nil

NCEA ENGLISH LEVEL 3

Entry Requirements: 90380 (Read Unfamiliar Texts and Analyse the Ideas and Language Features) has to have been gained. Also, a further 4 Achievement Standards need to have been gained; of which 2 are to be from the External exam.

Course Description: This course is designed to cover the spoken, written and visual strands of English. A combination of different genres of literature and language is covered.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credits
AS90720	Produce an extended piece of writing in a selected style	Internal	4
AS90721	Respond critically to written text(s) studied	External	3
AS90722	Respond critically to Shakespearean Drama studied	External	3
AS90723	Respond critically to oral or visual text studied	External	3
AS90725	Construct and deliver an oral presentation	Internal	4
AS90726	Complete independent research on a language or literature topic and present findings in written form	Internal	4
AS90724	Respond critically to unfamiliar prose and poetry texts.	Internal	3

Qualification Gained: NCEA Level 3 English

Course Costs: Nil

CAMBRIDGE LITERATURE IN ENGLISH IGCSE

Entry Requirements: Selection for Cambridge Programme

Course Description: This course is a literature-based course which focuses on three different categories: prose, poetry and drama. An external exam is sat at the end of the year.

Qualification Gained: IGCSE English

Course Costs: The students will purchase their poetry text and will be given the option of purchasing the other texts used.

CAMBRIDGE LITERATURE IN ENGLISH AS

Entry Requirements: IGCSE English Grade D (50 - 59%) has to have been met

Course Description: The course is a literature-based course in which the students will take two papers throughout the year. The two papers are Paper 3: Poetry and Prose and Paper 4: Drama. An external exam is sat at the end of the year.

Qualification Gained: AS English

Course Costs: The students have the option of purchasing the texts supplied.

CAMBRIDGE LITERATURE IN ENGLISH A LEVEL

Entry Requirements: A minimum C Grade 60%+ in AS English

Course Description: The course is a literature-based course which is a continuation of AS English. The students will take a further two papers which will complete their A Level in English.

The two papers are

- Paper 5: Shakespeare and pre-20th Century Texts
- Paper 6: 20th Century Writing.

An external exam is sat at the end of the year.

Qualification Gained: A-Level English

Course Costs: The students have the option of purchasing the texts supplied.

NCEA DRAMA LEVEL 1

Entry Requirements: Nil

Course Description: This course is an advanced introduction to differing aspects of drama. The students will receive a broad outline of what is required for future NCEA drama.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credits
US14169	Explore Mime skills	Internal	2
AS90006	Use drama techniques	Internal	4
AS90007	Elements, conventions	Internal	4
AS90008	Theatre genre	Internal	3
AS90010	Perform technical	Internal	4
AS90009	Perform An Acting Role	Internal	4
AS 90011	Drama Processes	External	5

Qualification Gained: NCEA Level One

Course Costs: Nil

HUMANITIES

Head of Faculty
Mr John Stradwick

NCEA HISTORY LEVEL 1

Entry Requirements: To have solid passes in comparable subjects such as English, Humanities or Business Studies.

Course Description: Year 11 History covers a variety of international and local topics from the Origins of World War II to the problems facing New Zealand over Rugby and Apartheid. Through these and other topics, the student will not only gain a good general knowledge of the twentieth century, they will also amass vital skills for any professions requiring analytical skills. This subject is highly recommended for students considering a profession in law or journalism. NCEA Level 1 develops the student's ability to analyse events in terms of causes and outcomes. By the end of the course the student will be able to present cogent arguments in an essay format, interpret documents and various other resource material. This ability in the area of analysis and report writing is widely applicable in most modern occupations. A good Level of English is required for this subject. This programme offers 24 credits and tests six specific skill areas.

Achievement Standards Offered:

Standard	Title	Internal/ External	Credits
AS90209	Carry out an historical investigation	Internal	4
AS90210	Communicate historical ideas	Internal	4
AS90211	Interpret historical ideas	External	4
AS90212	Describe the perspectives of people in an historical setting	External	4
AS90213	Describe the impact of a development in an historical setting	External	4
AS90214	Describe the identity of people in an historical setting	External	4

Qualification Gained: NCEA Level 1 History

Course Costs: Nil

NCEA HISTORY LEVEL 3

Entry Requirements: To have passed 16 credits in Level 1 History (including the essay Standard). If the student has not done History in Year 11, they are expected to have 16 credits in English, including an essay Standard.

Course Description: In Year 13 the student is given the chance to specialise in a specific area of History. Throughout the year we study Tudor and Stuart England (1558 - 1667). This includes people such as Elizabeth I, Guy Fawkes and Oliver Cromwell. It covers events such as the defeat of the Spanish Armada, the execution of Charles I and the impact of the Bubonic Plague on 1660's London. The content is engaging and provides an excellent overview of why Commonwealth countries have developed the legal and parliamentary systems they have. Over the course of the year the student will develop and enhance their ability to articulate an argument, write objectively and analyse written and visual data. Law School and Medical School both recommend the study of History in Year 13.

Achievement Standard offered:

Standard	Title	Internal/ External	Credit
AS90654	Plan and carry out independent historical research	Internal	4
AS90655	Communicate historical ideas and understanding	Internal	5
AS90656	Analyse and evaluate evidence in historical sources	External	5
AS90657	Examine a significant decision made by people in history, in an essay	External	5
AS90658	Examine a significant issue in the context of change, in an essay	External	5

Qualification Gained: NCEA Level 3 History

Course Costs: Nil

CAMBRIDGE HISTORY IGCSE

Entry Requirements: To have sat and passed Year 10 Humanities.

Course Description: This course examines the recent international scene - from the end of World War I through to World War II and the Cold War. It provides a comprehensive overview of 20th century political History. The students will be assessed in a final external end of year examination. This is an internationally recognised qualification.

Papers	Level	%	Title	Assessment
Paper 1	IGCSE	40%	Core Content and Depth Study	External
Paper 2	IGCSE	33%	Prescribed Topic	External
Paper 4	IGCSE	27%	Depth Study	External
Core Content:			International Relations, 1919 - 1949	
Depth Study:			Germany, 1919 - 1945	
Prescribed Topic:			German involvement in the Spanish Civil War	

Qualification Gained: IGCSE History (Cambridge)

Course Costs: Nil

CAMBRIDGE HISTORY AS

Entry Requirements: To have passed IGCSE History or English with a grade of at least 60%.

Course Description: Modern European History, 1789 - 1939. The Year 12/13 Cambridge AS course is specifically targeted at the students who studied IGCSE History. Other Cambridge students may pick this subject up only if they have a grade of 60% or above in their IGCSE English results.

The course is entitled "Modern European History, 1789 - 1939" and covers topics such as the origins of World War I, the Russian Revolution and totalitarianism in inter-war Europe. The examination requires the student to write three essays and complete a resource interpretation section.

Qualification Gained: AS History (Cambridge)

Course Costs: Nil

CAMBRIDGE A LEVEL HISTORY

Entry Requirement: To have passed AS History with a grade of at least 50%. Year 13 students who have not sat AS History previously, may sit this paper as an AS but must have a grade of 60% or more in AS English.

Course Description: The Cold War, 1945– 1990 The Year 13 AS/A Level course is based on the Cold War period, beginning with the collapse of European fascism in 1945. The course covers 4 topics:

- the origins of the Cold War
- the globalisation of the Cold War
- the nuclear arms race
- the collapse of Communism

The examination requires the student to write three essays and complete a resource interpretation section.

Qualification Gained: A Level or AS History (depending on whether the student gained AS History in the previous year)

Course Costs: Approx \$30 for text book

CAMBRIDGE HISTORY OF ART AS

Entry Requirements: A minimum of 50% in IGCSE Cambridge English or History

Course Description: History of Art is the study of works of art in relation to the societies in which they were produced and for the ways in which this relationship continues to influence the art produced today. The course introduces students to important periods in history when the ideas and values of historical societies led to change in the forms and meanings of the art created. Analysis and interpretation of art works within their social, cultural and historical context leads to greater understanding of the interrelationship that exists between art, artists and their society. This course prepares students for tertiary study in the humanities/arts and complements the practical art courses.

Qualification Gained: AS History of Art (Cambridge)

Course Costs: \$45.00 - Topic booklets

CAMBRIDGE CLASSICAL STUDIES AS

Entry Requirements: A minimum C grade in IGCSE English

Course Description: Classical Studies is the study of the civilisations of Greece and Rome in the Classical period. This encompasses the history, literature, mythology, politics, philosophy, art and daily life of these people. All sources are studied in English and no knowledge of Latin or Greek is required. This course can lead on to an A Level which may be offered in 2011.

The AS syllabus focuses on specified aspects of this field of knowledge. It includes the study of primary sources through which students will develop skills in interpretation and evaluation of evidence. Advanced Subsidiary Level Classical Studies encourages students to use independent study skills, to read widely, write fluently, and to develop the capacity to formulate and justify their own ideas about the past.

Topics: Four of the following topics will be studied:

Paper 1	Greek Studies	Paper 2	Roman Studies
	Alexander the Great		Augustus
	Socrates		Virgil's Aeneid
	Aristophanes		Roman Art and Architecture

Qualification Gained: AS Classical Studies (Cambridge)

Course Costs: \$45.00 - Topic booklets

Examination: The four topics selected from the list above will be examined by means of two examinations each of one and a half hours' duration.

One examination will cover Greek topics, the other will cover Roman topics. The examination comprises a choice of three questions per topic; in each case candidates may select from close reading of selections from the text, mini-essays or long essays.

NCEA GEOGRAPHY LEVEL 1

Course Description: There are six achievement standards totalling 24 credits, taught over 32 weeks.

This course introduces students to Geography as the study of people and their environment. It presents the Geographers' view of our world in its natural and cultural components and the way the two interact with each other. In the extreme natural events unit, we examine the causes and effects of volcanic activity in New Zealand and of tropical cyclones in the Pacific region. As part of this unit, students visit several volcanic cones in the Auckland region and present a fieldwork report. The population unit compares population issues in New Zealand with the population problems in Asian countries such as China and Japan.

Achievement Standards Offered:

Standard	Title	Internal/ External	Credit
AS90331 (1.1)	Examine extreme natural events	External	3
AS90332 (1.2)	Examine population patterns, and processes	External	3
AS90204 (1.3)	Examine resource use in farming	External	3
AS90334 (1.4)	Apply skills and ideas with direction in a geographic context	External	4
AS90335 (1.5)	Carry out and present directed geographic research	Internal	5
AS90336 (1.6)	Describe a contemporary geographic issue	Internal	3
AS90337 (1.7)	Examine a global study	Internal	3

Qualification Gained: NCEA Level 1 Geography

Course Costs: Fieldtrips \$25, Skills Workbook \$20

NCEA GEOGRAPHY LEVEL 2

Entry Requirements: 12 credits at level 1 or the approval of the Head of Faculty.

Course Description: There are six achievement standards totalling 21 credits, taught over 32 weeks. The two natural landscapes studied are the Tongariro Volcanic Centre and the Amazon Basin and the two urban settlements studied are Auckland and Singapore. The Tongariro Volcanic Centre and the Auckland studies include fieldtrips in which students collect data in the field and present a fieldwork report. For 2007, the contemporary geographic issue is the HIV/Aids crisis and the global study is the problem of landmines around the world.

Achievement Standards Offered:

Standard	Title	Internal/ External	Credits
AS90331 (2.1)	Explain natural landscapes	External	3
AS90332 (2.2)	Explain urban settlements	External	3

AS90334 (2.4)	Apply skills and ideas in a geographic context	External	4
AS90335 (2.5)	Carry out guided geographic research	Internal	5
AS90336 (2.6)	Explain a contemporary geographic issue	Internal	3
AS90337 (2.7)	Examine a global study	Internal	3

Qualification Gained: NCEA Level 2 Geography

Course Costs: Fieldtrips \$25 (deposit for field trip), Skills Workbook \$20

NCEA GEOGRAPHY LEVEL 3

Entry Requirements: 12 credits at level 2 or the approval of the Head of Faculty.

Course Description: There are six achievement standards totalling 21 credits, taught over 32 weeks. Students conduct a detailed analysis of processes acting to create the natural landscape of the Tawharanui peninsula, north of Auckland. For the cultural process, students do a detailed investigation of the tourism industry in the Rotorua region. In both cases, students participate in a fieldtrip and present a report. For 2007, the contemporary geographic issue is the establishment of sustainable tourism in Nepal and the global study is the growth and development of the tourism industry around the world.

Achievement Standards Offered:

Standard	Title	Internal/ External	Credits
AS90701 (3.1)	Analyse a geographic environment, focusing on the interacting natural processes	External	3
AS90702 (3.2)	Analyse a cultural process	External	3
AS90704 (3.4)	Select and apply skills and ideas in a geographic context	External	6
AS90705 (3.5)	Carry out geographic research with consultation	Internal	3
AS90706 (3.6)	Analyse a contemporary geographic issue and evaluate courses of action	Internal	3
AS90707 (3.7)	Analyse a global geographic study	Internal	3

Qualification Gained: NCEA Level 3 Geography

Course Costs: Fieldtrip \$230 (Overnight trip to Rotorua)

CAMBRIDGE GEOGRAPHY IGCSE

Entry Requirements: A pass in Year 10 Humanities

Course Description:

- Population and Settlement
- The Natural Environment
- Economic Development and the Use of Resources.

Within these three themes, contemporary issues such as global warming, renewable energy resources, HIV Aids and international migration are studied in an in depth manner. Where possible New Zealand case studies are used in both Physical and Human Geography. All the key skills are used in Geography: working with others, decision making, information technology, numeracy and literacy, therefore making it the ideal choice for future studies or a career in planning, local government and environmental science.

Exam Papers	Weighting of Final Grade	Content of Paper	Assessment Format
1	45%	Population and settlement, the natural environment, and economic development and the use of their resources	External
2	27.50%	Geographical skills of analysis and interpretation	External
4	27.50%	Investigative Examination on population and settlement, the natural environment, and economic development and the use of their resources	Internal

Course Costs: Nil

CAMBRIDGE GEOGRAPHY AS

Entry Requirements: A pass in Cambridge Geography IGCSE is recommended although not essential to taking this course.

Course Description:

Unit 1: AS Level Hydrology (Study of Water Cycle) and Fluvial Geomorphology (River Systems)

Unit 2: AS Level Atmosphere and Weather

Unit 3: AS Level the Lithosphere (Study of Plate Tectonics)

Unit 4: AS Level Population Change

Unit 5: AS Level Settlement Dynamics (Study of the Development of Cities)

Unit 6: AS Level Migration

The syllabus is a mixture of both Physical and Human Geography and requires that case studies are undertaken of both MEDC'S and LEDC'S (Less/More Economically Developed Countries). Fieldwork is used to aid students understanding and appreciation of the natural and human environments studied at AS.

Qualification Gained: AS Geography (Cambridge)

Course Costs: Nil

A LEVEL GEOGRAPHY

Entry Requirements: A pass in Cambridge Geography AS is required.

Course Description:

Physical Units: Tropical Environment; Coastal Environment;

Human Units: Environmental management; Global interdependence;

The syllabus allows for an in-depth and thorough investigation into a variety of physical environments and human processes. The course encourages students to consider the complexity of natural systems, and the impact of the human race upon them. There is an emphasis on the study of worldwide examples in order to illustrate the true complexity and wonder of the modern world. In addition, candidates will develop the skills introduced in AS Geography, such as processing and interpreting data, and presenting information in an ordered and coherent way.

Qualification Gained: A Level Geography (Cambridge)

Course Costs: \$200 (overnight field trip)

ENGLISH SPEAKERS OF OTHER LANGUAGES (ESOL)

Head of Faculty
Ms Chris Parkes

NCEA ESOL LEVEL 1

Entry Requirements: Pre-Intermediate English

Course Description: A course designed for international students to gain literacy credits at Level 1.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credits
US8808	Read an inclusive range of written texts and record the experience	Internal	3
US8812	Produce transactional written texts in simple forms	Internal	4
US10792	Write formal personal correspondence	Internal	3

Course Cost: Nil

NCEA ESOL LEVEL 2

Entry Requirements: Intermediate English

Course Description: This is the first of a two year course designed for international students to study for the compulsory literacy credits required for university entrance in New Zealand.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credits
US12905	Read an inclusive range of texts and record the reading experience	Internal	4
US8825	Produce transactional text in complex forms	Internal	5

Course Cost: Nil

NCEA ESOL LEVEL 3

Entry Requirements: Intermediate English

Course Description: A course designed to allow students to complete the compulsory literacy credits required for university entrance in New Zealand.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credits
US12905	Read an inclusive range of texts and record the reading experience	Internal	4
US8825	Produce transactional text in complex forms	Internal	5
AS90379	Analyse a visual or oral text	External	3
AS90378	Analyse short written texts	External	3

Course Cost: Nil

NCEA RESOL LEVEL 1

Entry Requirements: Intermediate English

Course Description: A course designed to support the special character of the school and to give students practise in the four skill areas: reading, writing, listening and speaking. Students may enter for Level 2 ESOL credits.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
US1287	Talk about self in an interview using learnt language patterns using ESOL	Internal	5
US15007	Understand spoken information and instructions in a range of familiar contexts using ESOL	Internal	5
US3477	Write recounts on familiar topics	Internal	5
US17368	Write information texts using ESOL	Internal	5
US2975	Read independently texts to obtain practical information	Internal	5
US2986	Read independently texts to gain knowledge	Internal	5

Course Cost: Nil

NCEA RESOL LEVEL 2

Entry Requirements: Intermediate English

Course Description: A course designed to support the special character of the school and to give students practise in the four skill areas : reading, writing, listening and speaking.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
US15009	Understand spoken information in a range of contexts, using ESOL	Internal	5
US17359	Talk about self in a formal interview, using ESOL	Internal	5
US17363	Read independently information texts using ESOL	Internal	5
US17370	Write viewpoint texts using ESOL	Internal	5
US17144	Write information texts using ESOL	Internal	5

Course Cost: Nil

NCEA ENGLISH FOR ACADEMIC PURPOSE LEVEL 3 (IELTS)

Entry Requirements: Intermediate English

Course Description: This course designed to support the special character of the school and to prepare students for the IELTS examination. Students may also enter for Level 3 ESOL credits.

Achievement/Unit Standards offered:

Standard	Title	Internal/ External	Credit
US15009	Understand spoken information in a range of contexts using ESOL	Internal	5
US17359	Talk about self in a formal interview using ESOL	Internal	5

US17363	Read information texts independently using ESOL	Internal	5
US17370	Write viewpoint texts using ESOL	Internal	5
US17144	Write information texts using ESOL	Internal	5

Course Cost: Nil

MATHEMATICS

Head of Faculty
Mr Brett McMurdoch

NCEA MATHEMATICS LEVEL 1

Entry Requirements: Year 10 Mathematics

Course Description: This course includes the following topics: algebra, graphs, measurement, geometric drawing, statistics, probability, number, trigonometry and geometric reasoning.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90147	Use straightforward algebraic methods and solve equations	External	4
AS90148	Sketch and interpret graphs	External	3
AS90149	Solve problems involving measurement of everyday objects	Internal	3
AS90194	Determine probabilities	External	2
AS90151	Solve straightforward number problems in context	External	3
AS90152	Solve right-angled triangle problems	External	2
AS90153	Use geometric reasoning to solve problems	External	2

Qualification Gained: NCEA Level 1

Course Costs: Nil

NCEA MATHEMATICS LEVEL 2

Entry Requirements: Students need to have achieved in at least 3 out of the 6 NCEA1 external standards

Course Description: This course includes the following topics: algebra, graphs, calculus, coordinate geometry, statistics, probability, sequences, practical trigonometry and trigonometric equations.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90284	Manipulate algebraic expressions and solve equations	External	4
AS90285	Sketch and interpret non-linear graphs	External	3
AS90286	Find and use straightforward derivatives and integrals	External	4
AS90287	Use coordinate geometry methods	External	2
AS90290	Solve straightforward problems involving arithmetic and geometric sequences	External	2

AS90291	Solve trigonometry problems requiring modelling of practical situations	Internal	2
AS90292	Solve straightforward trigonometric equations	External	2

Qualification Gained: NCEA Level 2 Mathematics

Course Costs: Nil

NCEA STATISTICS LEVEL 3

Entry Requirements: Students need to have achieved in at least 4 out of the 6 NCEA level external standards

Course Description: This course includes the following topics: time series, sample statistics, probability, equations, statistical investigation, probability distribution and modelling.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90641	Determine the trend for time series data	Internal	3
AS90642	Calculate confidence intervals for population parameters	External	3
AS90643	Solve straightforward problems involving probability	External	4
AS90644	Solve equations	External	4
AS90645	Select and analyse continuous and bi-variate data	Internal	3
AS90646	Use probability distribution models to solve straightforward problems	External	4
AS90647	Use mathematical models involving curve fitting to solve a problem	Internal	3

Qualification Gained: NCEA Level 3 Mathematics

Course Costs: Nil

NCEA CALCULUS LEVEL 3

Entry Requirements: Students need to have achieved in at least 5 out of the 6 NCEA level external standards

Course Description: This course includes the following topics: algebra, coordinate geometry, limits and derivatives, trigonometry, sequences and series, trigonometric equations, rates of change, conics, integration, real and complex numbers and differential equations.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90635	Differentiate functions and use derivatives to solve problems	External	6
AS90636	Integrate functions and use integrals to solve problems	External	6
AS90637	Solve problems and equations involving trigonometric functions	Internal	4
AS90638	Manipulate real and complex numbers, and solve equations	External	5
AS90639	Sketch graphs of conic sections and write equations related to conic sections	External	3

Qualification Gained: NCEA Level 3 Mathematics

Course Costs: Nil

CAMBRIDGE EXTENDED MATHEMATICS IGCSE**Entry Requirements:** Year 10 Mathematics**Course Description:** This course includes the following topics: number, algebra, graphs and functions, geometry, trigonometry, statistics, probability and transformations. It is examined over two exams with Paper 2 being 90 minutes while Paper 4 has a duration of 150 minutes. The percentage breakdown is 35% for Paper 2 with the remaining 65% for Paper 4. Paper 2 is based on a short question format with Paper 4 being longer more in-depth questions. The exams are sat on different days with Paper 2 being attempted first.**Qualification Gained:** IGCSE Extended Mathematics (Cambridge)**Course Costs:** Nil**CAMBRIDGE MATHEMATICS AS****Entry Requirements:** 65% in IGCSE Extended Mathematics (Cambridge)**Course Description:** This course is made up of two Papers: Pure Mathematics 1 (Paper 1) and Statistics 1 (Paper 6). Pure Mathematics 1 (Paper 1) has the following topics: coordinate geometry, surds and indices, functions and graphs, quadratics, inequalities, differentiation, applications of differentiation, sequences, trigonometry, vectors, integration, volumes of revolution and radian measure. Statistics 1 (Paper 6) has the following topics: representation of data, measures of location and spread, probability, probability distributions, binomial distributions, expectation and variance of random variables and normal distribution. Pure Mathematics 1 (Paper 1) is worth 75 marks (60% of total mark) and has an exam of length 105 minutes. Statistics 1 (Paper 6) is worth 50 marks (40% of total mark) with an exam length of 75 minutes.**Qualification Gained:** AS Mathematics**Course Costs:** Nil**CAMBRIDGE MATHEMATICS A LEVEL****Entry Requirements:** 60% in AS Mathematics (Cambridge)**Course Description:** This course is made up of two Papers: Pure Mathematics 3 (Paper 3) and Statistics 2 (Paper 7). Pure Mathematics 3 (Paper 3) has the following topics: algebra, logarithmic and exponential functions, trigonometry, differentiation, integration, numerical solutions, vectors, differential equations and complex numbers. Statistics 2 (Paper 7) has the following topics: poisson distribution, linear combinations of random variables, continuous random variables, sampling and estimation and hypothesis tests. Pure Mathematics 3 (Paper 3) is worth 75 marks (30% of total mark) and has an exam of length 105 minutes. Statistics 2 (Paper 7) is worth 50 marks (20% of total mark) with an exam length of 75 minutes. Additionally the previous results from AS which were Pure Mathematics 1 (Paper 1: 30% of total mark) and Statistics 1 (Paper 6: 20% of total mark) are combined with the A level results to generate 100% overall and an A level in mathematics.**Qualification Gained:** A Level Mathematics**Course Costs:** Nil**MODERN LANGUAGES**Head of Faculty
Mrs Margaret Ubels-Ratray**NCEA CHINESE LEVEL 1****Entry Requirements:** Year 10 Chinese**Course Description:** A full year course designed to bring students to a level of functional competence within a Chinese speaking environment so that they are able to communicate in daily life situations. Students can understand simple script and can write short passages. In addition this course serves as the first part of the Cambridge IGCSE paper which is sat in June of the following year.**Achievement/Unit Standards Offered:**

Standard	Title	Internal/ External	Credit
AS 90072	Listen to and understand spoken language in Chinese in familiar contexts	External	6
AS 90073	Give a prepared talk in Chinese on a familiar topic	Internal	3
AS 90074	Converse in Chinese on a familiar topic	Internal	3
AS 90075	Read and understand written Chinese in familiar contexts	External	6
AS 90076	Write text in Chinese on a familiar topic	External	3
AS 90077	Write crafted text in Chinese on a familiar topic with the support of resources	Internal	3

Qualification Gained: NCEA Level 1 Chinese**Course Costs:** Nil**NCEA CHINESE LEVEL 2****Entry Requirements:** NCEA Level 1 in 4 Standards or by application to HOF Modern Languages**Course Description:** A one year course designed to increase students' ability to move with ease between the Chinese and English languages.**Achievement/Unit Standards Offered:**

Standard	Title	Internal/ External	Credits
AS90382	Listen to and understand spoken language in Chinese in less familiar contexts	External	6
AS90383	Give a prepared spoken presentation in Chinese on a less familiar topic	Internal	3
AS90384	Converse in Chinese in a less familiar context	Internal	3
AS90385	Read and understand written language in Chinese in less familiar contexts	External	6
AS90386	Write text in Chinese on a less familiar topic	External	3

AS90387	Produce crafted writing in Chinese on a less familiar topic, with the support of resources	Internal	3
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Qualification Gained: NCEA Level 2 Chinese

Course Costs: Nil

NCEA CHINESE LEVEL 3

Entry Requirements: 4 Level 2 Standards or by application to HOF Modern Languages

Course Description: A one year bilingual course designed to increase the student's ability to move with ease between Chinese and English and to communicate in an increasing range of sophisticated contexts.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90546	Listen to and understand complex spoken Chinese in less familiar contexts	External	6
AS90547	Give a prepared speech in Chinese using complex language, in a formal situation	Internal	3
AS90548	Engage in an extended conversation in Chinese using complex language in less familiar contexts	Internal	3
AS90549	Read and understand written Chinese containing complex language, in less familiar contexts	External	6
AS90550	Write text in Chinese using complex language on a less familiar topic	External	3
AS90551	Produce crafted writing in Chinese using complex language with the support of resources	Internal	3

Qualification Gained: NCEA Level 3 Chinese

Course Costs: Nil

CAMBRIDGE CHINESE IGCSE

Entry requirements: NCEA Level 1 Chinese in 5 standards or by application to the HOF.

Course Description: IGCSE Chinese is run concurrently with NCEA Level 2 Chinese. Students will sit the IGCSE exam in June and the NCEA Level 2 exam in November of Year 12. There are three exams for IGCSE Chinese: Paper 2 - Reading and Directed Writing, Paper 3 - Speaking (internal) and Paper 4 - Continuous writing.

Qualification gained: IGCSE Chinese

CAMBRIDGE CHINESE (MANDARIN) AS

Entry requirements: C grade in IGCSE Mandarin.

Course Description: AS Chinese builds on the language skills gained in IGCSE and is the ideal foundation for university-level study, or to improve career prospects. Students will learn how to use the language in a variety of situations. They will be expected to handle texts and other source materials, extracting information in order to respond to specific tasks. Through their studies, students can expect to achieve greater fluency, accuracy and confidence in the language. Students will also learn how to translate material from English into Chinese. There are two exams: 'Reading and Directed Writing' and 'Essay'.

Note: This is an 18 month course and the boys will sit both AS + Level 3 Chinese

Course Costs: Nil

NCEA FRENCH LEVEL 1

Entry Requirements: Year 10 French

Course Description: A full year course running concurrently with IGCSE French, following year 10 French, designed to lead students to a level of social competence and independence in French. By the end of this course students should be able to interact with French speakers in familiar and social situations and cope with some unfamiliar ones such as going to the doctor. They can read uncomplicated language independently and write short passages.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credits
AS90084	Listen to and understand spoken French in familiar contexts	External	6
AS90085	Give a prepared talk in French in a familiar context	Internal	3
AS90086	Converse in French in a familiar context	Internal	3
AS90087	Read and understand written French in familiar contexts	External	6
AS90088	Write French on a familiar topic	External	3
AS90089	Write texts in French on familiar topics with the support of resources.	Internal	3

Qualification Gained: NCEA Level 1 French

Course Costs: Dinner at a French Restaurant, \$40.00 approx

NCEA FRENCH LEVEL 2

Entry Requirements: French NCEA Level 1 in four standards

Course Description: A one year course designed to extend students beyond their familiar environment. The aim of year 12 French is to allow students to function independently in a francophone environment at a practical level. They will be able to read a variety of authentic materials and communicate for a range of purposes. In addition this course may serve as Part One for a two year Cambridge AS programme. NCEA Level 2 and AS French are run concurrently.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90395	Listen to and understand spoken language in French in less familiar contexts	External	6
AS90396	Give a spoken presentation in French on a less familiar topic	Internal	3
AS90397	Converse in French in a less familiar context	Internal	3
AS90398	Read and understand written language in French in less familiar contexts	External	6
AS90399	Write text in French on a less familiar topic	External	3
AS90400	Produce crafted text in French on a less familiar topic with the support of resources	Internal	3

Qualification Gained: NCEA Level 2 French

Course Costs: Nil

NCEA FRENCH LEVEL 3

Entry Requirements: NCEA Level 2 in 4 standards

Course Description: A one year course enabling the students to function at a more sophisticated level in a francophone context. Students will be able to understand and communicate in a wide variety of contexts at an authentic level. They will have a wide range of language strategies so they can communicate with confident independence. The AS/A level and NCEA 3 are run concurrently.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90558	Listen to and understand complex spoken French in less familiar contexts	External	6
AS90559	Give a prepared speech in French using complex language in a formal situation	Internal	3
AS90560	Exchange and support ideas in an extended conversation in French, using complex language in less familiar contexts	Internal	3
AS90561	Read and understand complex written French in less familiar contexts	External	6
AS90562	Write text in French using complex language on a less familiar topic	External	3
AS90563	Produce crafted writing in French using complex language with the support of resources	Internal	3

Qualification Gained: NCEA Level 3 French

Course Costs: Nil

CAMBRIDGE FRENCH IGCSE

Entry Requirements: Year 10 French

Course Description: A one year course running concurrently with NCEA Level one. This course covers the same material as the NCEA course but extends the grammar and structural understanding. There are 4 exams at the end of the year: Paper 1, listening, Paper 2 reading and guided writing, Paper 3 speaking (internal) and Paper 4 Continuous Writing.

Qualification Gained: IGCSE French

Course Costs: Dinner at a French Restaurant, \$40.00 approx

CAMBRIDGE FRENCH AS & A LEVEL

Entry Requirements: For AS, an IGCSE grade of at least 50% or NCEA in 6 standards with Merit or Excellence. For A level French a C grade or better in AS.

Course Description: A one or two year course enabling students to discuss sophisticated issues in a francophone environment and read authentic unabridged documents. The required topics change each year. There are three exams at the end of the year: oral, reading and guided writing, and the essay paper. Students must complete this qualification in one year if they wish to do A level French in Year 13. A level students complete the same course material at a higher level and have an

additional literature paper. The courses are run concurrently with Level 3 NCEA.

Qualification Gained: AS French or A Level French

Course Costs: Nil

NCEA TE REO MAORI LEVEL 1

Entry Requirements: Year 10 Maori

Course Description: Level 1 is a full-year course, offered to students who have studied Te Reo Maori for at least one year previously. Students will work with a variety of written, photographic, pictorial and audio-visual resources in order to communicate in Te Reo at a level of social competence. Students of Level 1 Maori are expected to read widely in Maori and attend any gatherings involving Maori. In addition, students are expected to take part in the Kapa Haka group.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90131	Whakarongo i te reo o toona 'He Tātahi I Aotearoa'	Internal	6
AS90132	Korero I te reo o toona ao 'No Rangiatea'	Internal	6
AS90133	Panui I te reo o toona ao	External	6
AS90134	Tuhituhi i te reo o toona ao	External	6
US7269	Wharerite mihi ki te tangata	Internal	3
US7261	Tohu i ngaa whakautu	Internal	3
US7265	Paanui tuhinga hei whakaatu i nga hanga Koorero	Internal	3
US7257	Whakamahi i ngaa tikanga tukituki	Internal	3

Qualification Gained: NCEA Maori Level 1

NCEA TE REO MAORI LEVEL 2

Entry Requirements: Level 1 NCEA Te Reo Maori with a minimum of 12 credits, 6 of which must be in speaking.

Course Description: Level 2 is a full-year course, aimed at extending the use of written and spoken language to a level of social competency. Students will work with a variety of written, photographic, pictorial and audio-visual resources in order to communicate in Te Reo Maori. Students of Level 2 Maori are expected to read widely in Maori and attend any gatherings involving Maori. In addition, students are strongly encouraged to join the school's kapa haka group. All students complete unit standards and internal achievement standards. Students may sit the external achievement standards at the teacher's discretion.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90440	Koorero i te reo o toona ao moohio	Internal	6
AS90441	Paanui i te reo o toona ao moohio	External	6
AS90448	Tuhituhi i te reo o ona wheako whaiaro	External	6
AS90449	Whakarongo i te reo o toona ao moohio	Internal	4
AS90757	Hanga tuhinga i te reo o toona ao moohio	Internal	4
AS90770	Tuhituhi i te reo o toona ao moohio	External	4

US7262	Tohu whakapuaki poto mo nga take whanau	Internal	5
US7266	Panui rarangi tuinga mo nga take o te wa	Internal	5
US7270	Korero i nga take mona me ana painga te hua noa mai	Internal	7
US7262	Tito korero poto mo nga take mai i nga korero	Internal	7

Qualification Gained: NCEA Maori Level 2

OTHER LANGUAGES:

Other languages are possible for students by correspondence on application to the HOF Modern Languages. Students contemplating correspondence must be self motivated and able to work on their own. The Correspondence School does not accept all applications. Special conditions may apply.

MUSIC

Head of Faculty
Mr Antun Poljanich

CAMBRIDGE MUSIC IGCSE

Entry Requirements: Year 10 Music or an equivalent entry test

Course Description: This course covers the following three assessment objectives: Listening (components 1 & 2), Performing (component 3) and composing (component 4). The Listening section of the course is divided into two assessment components, Unprepared and Prepared Listening, covering a wide range of musical styles. The examination for Listening (components 1 & 2) takes place in May and has a combined percentage value of 40% of the course. The Performance and Composition component examinations take place in October of the same year. Both the Performance and Composition examinations have a course weighting of 30%. Candidates may only sit examinations in components 3 & 4 if they have already entered components 1 & 2.

NCEA MUSIC LEVEL 2

Entry Requirements: Students must be able to read music and be able to perform at a level equivalent to 4 years itinerant music lessons.

Course Description: This course continues from year 11 (Level 1). It is designed to continue practical music making in ensembles and solo. Composition work is also continued and students will improve their keyboard harmony and instrumentation skills. Expectations and set entry level for Performance is the equivalent of 4 years itinerant music lessons programme (outside school or private lessons are acceptable and welcomed).

Achievement/Unit Standards Offered:

Standard	Title	Internal/External	Credit
AS90264	Perform contrasting music as a featured soloist	Internal	6
AS90265	Perform music as a member of a group	Internal	3

AS90266	Compose short pieces of music	Internal	6
AS90267	Create an instrumentation	Internal	3
AS90268	Describe and transcribe simple music through listening	External	2
AS90269	Identify, describe and analyse fundamental materials of music	External	2
AS90270	Demonstrate knowledge of music works	Internal	4

Qualification Gained: NCEA Level 2

Course Costs: Nil

NCEA MUSIC LEVEL 3

Entry Requirements: Students must be able to read music and be able to perform at a level equivalent to 5 years itinerant music lessons.

Course Description: This course continues from year 12 (Level 2). It is designed to continue practical music making in ensembles and solo. Composition work is also continued and students will improve their keyboard harmony and instrumentation skills. Expectations and set entry level for Performance is the equivalent of 5 years itinerant music lessons programme (outside school or private lessons are acceptable and welcome).

Achievement/Unit Standards Offered:

Standard	Title	Internal/External	Credit
AS90526	Present a performance of a programme of music as a member of a group	Internal	4
AS 90775	Present a portfolio of musical composition	Internal	8
AS90527	Arrange music	Internal	4
AS 90497	Examine the context that influence the expressive qualities of music	Internal	3
AS 90499	Research and present a music topic	Internal	6
AS 90530	Demonstrate an understanding of tonal and harmonic procedures in a range of music	External	3

Qualification Gained: NCEA Level 3

Course Costs: Nil

PHYSICAL EDUCATION

Head of Faculty
Mr A D Smith

NCEA PHYSICAL EDUCATION LEVEL 1

Entry Requirements: Good sport/science background

Course Description: The NCEA Level 1 physical education course will provide learning experiences that promote an understanding of the need for a physically active and healthy lifestyle. The aims of the course are to emphasise the acquisition and development of physical skills, examine relationships between physical activity, lifestyle and well-being, and develop a knowledge and understanding of the principles that influence acquisition and performance of physical skills

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90067	Participate in physical activities and describe its influences	Internal	5
AS90068	Knowledge of body structure/function	Internal	5
AS90524	Demonstrate and examine 'quality of movement'	Internal	3
AS90071	Developing interpersonal skills in a team	Internal	4
AS90525	Examine quality of own performance	Internal	3

Qualification Gained: NCEA Physical Education Level 1

Course Costs: \$50

NCEA ACADEMIC PHYSICAL EDUCATION LEVEL 2

Entry Requirements: NCEA Level 1

Course Description: Year 12 Academic Physical Education involves 21 credits within 5 modules. The modules include areas of in depth study into sport sociology and psychology, training methods and principles, anatomy and biomechanics, motor skill learning, coaching leadership and practice methods. All modules except one assess the theories behind these academic areas.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90437	Investigation into sport sociology.	Internal	3
AS90434	Principles and methods of training.	Internal	3
AS90433	Principles of anatomy and biomechanics.	Internal	4
AS90435	Principles of skill learning and sport psychology.	Internal	2
AS90436	Performance in physical activities.	Internal	4
AS90438	Explore leadership skills in a team physical activity	Internal	3
AS90439	Knowledge of safety issues and apply safety management procedures.	Internal	2

Qualification Gained: NCEA Level 2

Course Costs: \$50 text book and course related costs

NCEA PHYSICAL EDUCATION LEVEL 3

Entry Requirements: 20 credits from Level 2 Academic Physical Education

Course Description: Level 3 Academic PE is the final stepping stone for students wishing to become involved in the sport industry upon leaving school. It also helps athletes wanting to improve their own performance or the performance of others through developing, appraising and reviewing performance programmes.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90739	Plan a physical activity programme.	Internal	3

AS90740	Reflect on participation in a physical activity, programme or experience.	Internal	3
AS90741	Appraise performance, plan and evaluate a programme for performance improvement.	Internal	5
AS90742	Demonstrate performance in a physical activity against a nationally developed standard	Internal	4
AS90743	Examine a current physical activity event or trend or issue, impacting on NZ society.	Internal	4
AS90744	Critically examine physical activity and take action to influence the participation of others.	Internal	5

Qualification Gained: NCEA Level 3

Course Costs: \$70

PHYSICAL EDUCATION AS

Entry Requirements: NCEA Level 1 or strong science qualifications

Course Description: This course provides candidates with an opportunity to study both the practical and theoretical aspects of Physical Education. The syllabus has the following key features:

Component 1 (70%): Is a written paper to be assessed externally in a three hour examination. It will consist of three sections:

Section A - Applied Anatomy and Physiology

Section B - Acquiring, Developing and Performing Movement Skills

Section C - Contemporary Studies in Physical Education and Sport

Component 2 (30%): Is a coursework component in which candidates will follow a minimum of two physical activities from the activity profiles offered. This will be internally assessed and moderated by CIE.

Qualification Gained: AS Physical Education

Course Costs: \$50 text book and course related costs

SCIENCE

Head of Faculty
Mr Kevin Barker

Please note: with some large NCEA internal practical assessments resitting is not possible. A resubmit may be conditionally possible on a case by case basis.

NCEA SCIENCE LEVEL 1

Entry Requirements: Recommendation by Year 10 Science teachers

Course Description: Consolidation and extension of concepts covered in junior science, with a view to forming a good foundation for continuation onto the higher-level sciences. Students are expected to achieve in all of the main disciplines. All internal assessment is based on the ability to design and carry out practical work.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
US18988	Interpret information to answer given questions	Internal	2
AS90186	Carry out a practical science investigation with direction	Internal	4

US18989	Demonstrate knowledge of earth and space	Internal	2
AS90188	Describe aspects of biology	External	5
US21612	Process and report on supplied scientific information	Internal	2
AS90189	Describe aspects of chemistry	External	5
AS90191	Describe aspects of Physics	External	5
AS90192	Describe aspects of astronomy	External	2
AS90180	Carry out a practical investigation with guidance	Internal	4

Qualification Gained: 31 NCEA Level 1 credits

Course Costs: A practical book and revision book totalling \$50

NCEA BIOLOGY LEVEL 2

Entry Requirements: 10 credits achieved or higher in Level 1 science, 5 of which must be from AS 90188

Course Description: Year 12 biology aims to introduce students to the major areas of biology and provide a basis for future studies. The course encourages students to develop their analytical skills and requires a good grasp of formal English. The high internal component of the year allows students to demonstrate their understanding in various situations from field work to formal essays. There is a heavy emphasis on ecology and the effects of humans on the environment.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS 90312	Carry out a practical scientific investigation with supervision.	Internal	4
(This achievement standard derives from the Science Level 2 curriculum)			
AS 90769	Research the interaction between humans and an aspect of biology	Internal	3
AS 90772	Describe the factors and processes involved in the evolution of New Zealand's plants and animals	External	4
(This achievement standard derives from the Science Level 2 curriculum)			
AS90459	Describe processes that lead to genetic variation and change	External	3
AS 90460	Investigate an interrelationship or pattern in an ecological population or community	Internal	3
AS 90461	Describe concepts and processes relating to ecology	External	3
AS 90464	Describe cell structure and function	External	3

Qualification Gained: 23 credits at NCEA Level 2 (10 internal, 13 external)

Course Costs: Field trip cost \$35 and course text \$30

NCEA BIOLOGY LEVEL 3

Entry Requirements: 15 credits achieved or higher in Biology or Science achievement standards.

Course Description: Students will build on the foundation knowledge gained in NCEA Biology Level 2. Main areas of study include Ecology, Biotechnology, Evolution and gene expression. Human evolution will be examined in depth. Students exhibiting suitable candidacy may

be offered additional Level 3 assignments from the Biology and Science core pathways. This will provide students with a greater depth of essential scientific knowledge and skills useful for both tertiary and work place situations.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS 90713	Carry out a practical investigation into an aspect of an organism's ecological niche with guidance	Internal	4
AS 90714	Research a contemporary biological issue	Internal	3
AS 90715	Describe gene expression	External	4
AS 90716	Describe animal behaviour and plant responses in relation to environmental factors	External	4
AS 90717	Describe processes and patterns of evolution	External	3
AS 90718	Describe applications of biotechnological techniques	Internal	3
AS 90719	Describe trends in human evolution	External	3

Qualification Gained: NCEA Level 3, 24 credits

Course Costs: \$30.00 course manual

NCEA CHEMISTRY LEVEL 2

Entry Requirements: Achieved in Science AS90186, Science AS90189 and a minimum of 10 external Credits in Level 1 Science.

Course Description: Introductory course covering the major disciplines in Chemistry. Students are assessed on their ability to apply concepts to practical situations. Students are required to sit the required externally assessed standards at the end of the year. Topics covered include bonding, structural formulae, organic chemistry, reactivity and oxidation/reduction reactions.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
US8941	Carry out Gravimetric analysis	Internal	2
AS90305	Carry out qualitative analysis	Internal	2
US6338	Characterise behaviour of weak and strong Acids and Bases	Internal	3
AS90306	Perform Acid-Base volumetric Analysis	Internal	3
US8947	Characterise redox reactions	Internal	3
AS90308	Describe the nature of structure and bonding in different substances	External	4
US8946	Properties and reactions of selected organic compounds	Internal	5
AS90309	Describe the structural formulae and reactions of compounds containing selective organic functional groups	External	4
AS90310	Describe principles of Chemical reactivity	External	4
AS90311	Describe oxidation/redox reactions	External	4
US8942	Characterise nature of chemical systems at equilibrium	Internal	2

Qualification Gained: 36 Credits NCEA Level 2

Course Costs: Course books and practical guides \$50

NCEA CHEMISTRY LEVEL 3

Entry Requirements: At least "Achieved" in all Level 2 chemistry Achievement Standards

Course Description: Level 3 chemistry builds on a foundation set by Level 2 chemistry. The course contains considerable practical chemistry and focuses on developing understanding in oxidation and reduction reactions, atomic, molecular and ionic chemistry, thermochemistry and aqueous chemistry.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
US6344	Organic Chemistry	Internal	5
AS90695	Determine the composition of an oxidant or reductant by titration	Internal	2
US6345	Oxidation and Reduction	Internal	4
AS90696	Describe oxidation-reduction processes	External	3
US8949	Acids and Bases	Internal	4
AS90697	Describe selected atomic, molecular and ionic properties	External	3
US8948	Thermochemistry	Internal	2
AS90698	Describe the structure and reactions of organic compounds containing selected organic groups	External	4
US8950	Precipitate of sparingly soluble substances	Internal	2
AS90699	Describe and use thermochemical principles	External	3
AS90700	Describe aqueous systems using equilibrium principles	External	5

Qualification Gained: 32 credits NCEA Level 3

Course Costs: Course and practical books \$50

NCEA PHYSICS LEVEL 2

Entry Requirements: Achieved or higher in AS 90191 and AS 90192 in school final examinations, or in final external examinations. Achieve in 10 or more NCEA mathematics credits.

Course Description: Level 2 NCEA physics studies the physical world in the fields of wave phenomena, mechanics, electricity and electromagnetism and atoms and radioactivity. A good competence with Level 1 mathematics especially graphing, algebra and measurement is required. Practical measuring and graphing skills are developed as the year progresses.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90252	Take measurements, data and graphs	Internal	3
AS90254	Demonstrate understanding of wave phenomena	External	4
AS90255	Demonstrate understanding of mechanics	External	6
AS90256	Demonstrate understanding of atoms and radioactivity	External	2

AS90257	Demonstrate an understanding of electricity and electromagnetism	External	5
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The following standard may be offered to students of suitable candidacy.

US6378	Motion in one and two dimensions	Internal	5
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Qualification Gained: Level 2 NCEA 25 credits

Course Costs: Practical guide \$20, Course manual \$30, Homework book \$5.

NCEA PHYSICS LEVEL 3

Entry Requirements: Achievement or higher in NCEA Level 2 physics in all achievement standards. Achievement in ten or more credits in Level 2 mathematics.

Course Description: Level 3 physics builds on models for waves, mechanics, modern physics and electricity developed in Level 2. Students of above average ability have the option of sitting Level 4 scholarship examination.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90774	Practical Investigation	Internal	5
AS90520	Demonstrate understanding of Wave Systems	External	4
AS90521	Demonstrate understanding of Mechanics	External	6
AS90522	Demonstrate understanding of Atoms, Photons and Nuclei	External	3
AS90523	Demonstrate understanding of Electrical Systems	External	6

Qualification Gained: 24 Credits towards Level 3 NCEA

Course Costs: Course manual \$30, Homework book \$5

NCEA ALTERNATE SCIENCE LEVEL 1

Entry Requirements: Recommendation by Year 10 Science teachers

Course Description: The Year 11 Alternate Science course is designed for students who may have difficulty working at the level required for NCEA Level 1 Science. The course is predominantly Unit Standards based although two practically based Achievement Standards are offered. Students may progress from this course into Level 1 NCEA Science or into the Year 12 Alternate Science course.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
US18969	Body Maintenance	Internal	2
US18971	Reproduction and Inheritance	Internal	2
US18976	Sports Science	Internal	2
US18977	Electricity	Internal	2
US18973	Chemical Patterns	Internal	2
US18974	Chemical Reactions	Internal	2
AS18989	Earth and Space	Internal	4

Qualification Gained: 14 credits NCEA Level 1

Course Costs: Nil

CAMBRIDGE BIOLOGY IGCSE

Entry Requirements: Completion of IGCSE Year 10 combined science

Course Description: New in 2010 a single award course. This course aims to provide well designed studies of experimental and practical science, developing ability and skills that are relevant to the study of biology. A prerequisite for AS biology.

Qualification Gained: IGCSE biology

Course Costs: \$25 for Homework Revision Guide

CAMBRIDGE BIOLOGY AS

Entry Requirements: 65% in IGCSE Cambridge exam

Course Description: AS biology has a core syllabus broken into 11 sections covering the major aspects of biology. These include ecology, cell biology, biochemistry inheritance, animal form and function and immunology. Students will sit three externally assessed papers. These papers will cover both practical and theoretical components of the course.

Qualification Gained: AS Biology (Cambridge)

Course Costs: Course Manual \$40

CAMBRIDGE BIOLOGY A LEVEL

Entry Requirements: 65% at AS level

Course Description: A level Biology builds on the foundation course studied for the AS level. It contains a Core section covering Energy and Respiration, Photosynthesis, Regulation and Control, Inherited Change and Selection and Evolution, and an Applications of Biology section covering Biodiversity and Conservation, Gene Technology, Biotechnology, Crop Plants and Aspects of Human Reproduction. Students will sit two externally assessed papers covering theoretical and practical aspects of both the Core and Applications syllabus.

This course is offered if numbers indicate a need.

Qualifications Gained: A level Biology

Course Costs: \$30 Course Manual

CAMBRIDGE CHEMISTRY IGCSE

Entry Requirements: Completion of IGCSE year 10 combined science.

Course Description: New in 2010 a single award course. This course aims to provide well designed studies of experimental and practical science, developing ability and skills that are relevant to the study of chemistry. A prerequisite for AS chemistry.

Qualification Gained: IGCSE Chemistry

Course Costs: \$25 for Homework Revision Guide

CAMBRIDGE CHEMISTRY AS

Entry Requirements: 65% IGCSE Science

Course Description: Students carry out the course syllabus and will sit three externally assessed papers at the end of the year. Two theory papers and one practical will be sat. Students will cover concepts concerned with atoms, molecules and stoichiometry, atomic structure, chemical bonding, states of matter, chemical energetics,

electrochemistry, equilibria, reaction kinetics, inorganic chemistry, an introduction to the chemistry of the transition elements, nitrogen and sulphur, organic chemistry

Qualification Gained: AS Chemistry (Cambridge)

Course Costs: Course manual \$30

CAMBRIDGE CHEMISTRY A LEVEL

Entry Requirements: D grade or higher in AS Chemistry

Course Description: A level chemistry builds on the foundation course studied for the AS course syllabus which relates directly to those topics covered at AS level and a further section called Applications of chemistry. This section has 3 parts: The Chemistry of Life, Applications of Analytical Chemistry and Design and Materials.

Qualification Gained: A Level Chemistry

Course Costs: Workbook \$30

CAMBRIDGE PHYSICS IGCSE

Entry Requirements: Completion of IGCSE year 10 combined science.

Course Description: New in 2010 a single award course. This course aims to provide well designed studies of experimental and practical science, developing ability and skills that are relevant to the study of physics. A prerequisite for AS physics.

Qualification Gained: IGCSE physics

Course Costs: \$25 for Homework Revision Guide

CAMBRIDGE PHYSICS AS

Entry Requirements: 65% in IGCSE Cambridge exam

Course Description: AS physics has a core syllabus covering the major aspects of physics. These include mechanics, modern physics, electromagnetism and waves. Students will sit three externally assessed papers. These papers will cover both practical and theoretical components of the course. AS physics is a demanding syllabus so considerable motivation and organisational skills are required for success in this course.

Qualification Gained: AS Physics (Cambridge)

Course Costs: Practice in Physics \$50

CAMBRIDGE PHYSICS A LEVEL

Entry Requirements: 65% at AS level in physics

Course Description: A level Physics builds on the foundation course studied for the AS level. The course consists of a core syllabus which covers topics such as motion in a circle, gravitational fields, ideal gases, temperature, oscillations and waves, electric fields, capacitance, magnetic fields, electromagnetism, alternating currents and quantum physics. Two special topics including the study of Astrophysics and Cosmology will be part of this course.

This course is offered if numbers indicate a need.

Qualification gained: A Level Physics

Course Costs: Workbook approximately \$50

TECHNOLOGY

Head of Faculty
Miss A Dingelstad

NCEA CARPENTRY LEVEL 1

Entry Requirements: Year 10 materials

Course Description: Students work through a theory and practical course based around Unitec Unit Standards material. Students may use credits from this course towards a Unitec course in Carpentry.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
US 2550	Use hand tools	Internal	6
US 2543	Carry out safe working practices in the workplace	Internal	4
US 12997	Safety on Site (Theory)	Internal	3
US 12998	Demonstrate knowledge of hand tools (Theory)	Internal	4
US 13000	Demonstrate knowledge of hand power tools (Theory)	Internal	6

Qualification Gained: NCEA Unit Standards Levels 2 and 3

Course Costs: \$60

NCEA FURNITURE LEVEL 2

Entry Requirements: Year 11 Carpentry

Course Description: Students work through a theory and practical course based around Unitec Unit Standards material. Students may use credits from this course towards a Unitec course in Furniture Making.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
US 2217	Select safety equipment for furniture work (Theory)	Internal	2
US 9788	Set and operate a bandsaw (Theory)	Internal	2
US 2216	Recognise and confirm furniture job specifications (Practical)	Internal	2
US 2218	Compare furniture Article with job specifications (Practical)	Internal	2
US 2199	Use hand tools in furniture making (Theory)	Internal	4
US 16235	Demonstrate knowledge and compare characteristics of manufactured boards used in furniture making (Theory)	Internal	4
US 2198	Assemble non-show wood furniture frames (Practical)	Internal	2
US 2220	Operate basic boring machines to produce wooden furniture components (Theory)	Internal	4
US 16230	Use adhesives in furniture making	Internal	2

Qualification Gained: NCEA Unit Standards Levels 2 and 3

Course Costs: \$55

NCEA GRAPHICS LEVEL 1

Entry Requirements: Year 10 Graphics

Course Description: Students gain an understanding of the design process and a variety of drawing and sketching techniques. They then apply these to solve various engineering, environmental or media design briefs.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90037	Produce freehand sketches that show design features	External	3
AS90039	Produce instrumental working drawings	External	3
AS90040	Produce pictorial drawings using instruments and render these drawings	External	4
AS90041	Produce mock-up and model	Internal	4
AS90042	Apply a design process and design principles to identified needs and opportunities.	Internal	5
AS90044	Present design ideas that show design features and functions	Internal	3

Please note: The credit values may be changed in 2008 for Level 1 for each Achievement Standard.

Qualification Gained: NCEA Level 1 credits

Course Costs: \$20 plus Graphics Kit

NCEA GRAPHICS LEVEL 2

Entry Requirements: At least 20 credits in Level 1 Graphics plus: Merit gained in at least 2 of the following externals: AS90037, AS90038, AS90039, AS90040.

Course Description: Students gain an understanding of the design process and a variety of drawing and sketching techniques. They then apply these to solve various engineering, architectural or media design briefs.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90318	Produce two-dimensional and three-dimensional annotated freehand sketches to show design ideas	External	3
AS90319	Produce two-dimensional instrumental drawings.	External	3
AS90320	Produce three-dimensional instrumental drawings	External	3
AS90321	Describe and explain design and its implications for society	External	3
AS90323	Design and present a solution for an architectural or environmental brief	Internal	3
AS90324	Design and present a solution for an engineering or technological brief	Internal	3
AS90325	Design and present a solution for a media & technical illustration brief	Internal	3
US7492	Present Design Work	Internal	3

Qualification Gained: NCEA Level 2

Course Costs: \$20 plus Graphics Kit

NCEA GRAPHICS LEVEL 3**Entry Requirements:** At least 20 credits in Level 2 Graphics plus:

- AS 90318 Merit gained
- AS 90319 Achievement gained
- AS 90320 Achievement gained
- AS 90321 Achievement gained

Course Description: Students gain an understanding of the design process and a variety of drawing and sketching techniques. They then apply these to solve various engineering, environmental or media design briefs.**Achievement/Unit Standards Offered:**

Standard	Title	Internal/ External	Credit
AS90735	Plan and produce a presentation to communicate design ideas	External	4
AS90736	Develop and present a solution to an architectural or environmental design brief	Internal	5
AS90737	Develop and present a solution to an engineering or technological design brief	Internal	5
AS90738	Develop and communicate a solution to a media or technical illustration design brief	Internal	5
US7516	Produce rendered design graphics for presentation	Internal	5

Qualification Gained: NCEA Level 3**Course Cost:** \$20 plus Graphics Kit**NCEA CATERING AND HOSPITALITY LEVEL 1****Entry Requirements:** Open Entry**Course Description:** The course is designed as an introduction to working in a commercial kitchen environment. Students will learn the essentials of food hygiene and safe food handling practices; how to prepare and present meat, fruit, vegetables, eggs, cheese, cakes and seafood in the hospitality industry.**Achievement/Unit Standards Offered:**

Standard	Title	Internal/ External	Credit
US15620	Food safety and personal hygiene	Internal	6
US15900	Prepare and present meat in the hospitality industry	Internal	3
US15901	Prepare and present fruit and vegetables in the hospitality industry	Internal	2
US15902	Prepare and present stock, sauce and soup in the hospitality industry.	Internal	3
US19770	Prepare and present egg and cheese dishes in the hospitality industry	Internal	2
US 15921	Prepare and cook a cake, a sponge and scones in the hospitality industry	Internal	3
US 19771	Prepare and present seafood in the hospitality industry	Internal	3
US 15895	Demonstrate knowledge of boiling and baking in the commercial catering industry	Internal	2

Qualification Gained: Credits towards National Certificate in Cookery Level 1**Course Costs:** \$135 (incl. costs for all food resources) plus chefs uniform approx. \$90 & workbook approx. \$80**NCEA CATERING AND HOSPITALITY YEAR 12****Entry Requirements:** Students must have obtained some credits in Level 1 Hospitality.**Course Description:** This course further develops students' knowledge and understanding of hospitality operations and teaches more specific skills for use in a commercial kitchen. Students will cover both theory and practical work in the course.**Achievement/Unit Standards Offered:**

Standard	Title	Internal/ External	Credit
US 167	Practice food safety methods in a food business (Level 2)	Internal	4
US 13284	Clean food production areas, equipment and utensils in a commercial kitchen (Level 2)	Internal	2
US 13280	Prepare fruit and vegetables in a commercial kitchen (Level 2)	Internal	2
US 13283	Prepare and present salads for service in a commercial kitchen (Level 2)	Internal	2
US 13285	Handle and maintain knives in a commercial kitchen (Level 2)	Internal	2
US 13298	Prepare and cook basic soups in a commercial kitchen (Level 3)	Internal	2
US 15626	Demonstrate use of multi-function equipment in meal preparation (Level 2)	Internal	4

Qualification Gained: MIT Certificate in Basic Culinary Skills, Kitchen Skills and the Art of Coffee.**Course Costs:** \$135 (incl. costs for all food resources) plus chefs uniform approx. \$90 & workbook approx. \$125**NCEA CATERING AND HOSPITALITY YEAR 13****Entry Requirements:** Year 13 Hospitality is only open to students who have achieved US167.**Course Description:** This course further develops students' knowledge and understanding of hospitality operations and teaches more specific skills for use in a commercial kitchen. Students will cover both theory and practical work in the course.**Achievement/Unit Standards Offered:**

Standard	Title	Internal/ External	Credit
US 6651	Preserve foods for the family (Level 2)	Internal	6
US 14434	Prepare and clear areas for table service in a commercial hospitality environment (Level 2)	Internal	3
US 14436	Provide basic table service in a commercial hospitality environment (Level 2)	Internal	4

US 14425	Prepare and service hot and cold non-alcoholic drinks in a commercial environment (Level 2)	Internal	2
US 6648	Special occasion meal (Level 3)	Internal	3
US 15627	Creative meal presentation (Level 3)	Internal	6

Course Costs: \$135 (incl. costs for all food resources) plus chefs uniform approx. \$90 & workbook approx. \$125

NCEA INFORMATION MANAGEMENT LEVEL 1

Entry Requirements: Year 10 IT

Course Description: This course develops the students' understanding of the process of managing information using a variety of Microsoft applications. They will learn to research information, apply skills to disseminate information and produce a solution using an IT application. There are 3 external exam papers assessed over two weeks at the end of the year.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90030	Enter text from provided material and by direct entry composition	Internal	2
AS90031	Use standard operating and file management procedures	Internal	2
AS90032	Access and process information from different media	Internal	4
AS90033	Apply a decision-making model to produce a solution from a given brief	Internal	4
AS90034	Communicate information from given materials and by direct composition	External	4
AS90035	Manage information using spreadsheet, text and draw/paint applications	External	4
AS90036	Apply design principles to produce documents	External	4
US 111 (Level 2)	Operate a word processor		5
US 18743	Produce a spreadsheet from instructions		2

Qualification Gained: NCEA Level 1 achievement standards, Unit Standards Level 1 & 2

Course Costs: \$30 plus textbook

NCEA INFORMATION AND COMMUNICATION LEVEL 2

Entry Requirements: 12 credits in Year 11 Information Management plus Achieved grade in AS 1.3 or 1.4

Course Description: Students taking this course will gain a basic understanding of various computer packages and operating systems, in preparation for Level 3 Technology at Year 13.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
US 2781	Manage and protect data in a personal computer system	Internal	3
US 6743	Demonstrate an understanding of ergonomic principles for computer workstations	Internal	2
US 25655	Create a website using a dedicated web-authoring tool to meet a set brief	Internal	3
US 25656	Create a website using a mark-up language to meet a set brief	Internal	3
US 2784	Create and use a computer spreadsheet to solve a problem	Internal	3
US 2786	Create and use a computer database to solve a problem	Internal	3
US 18740	Create a simple computer program to meet a set brief (this may be offered in 2010, time permitting)	Internal	3
US 2791	Integrate spreadsheet and database data into a word processed document to meet a set brief	Internal	3
US 2788	Produce desktop published documents to meet a set brief (this may be offered in 2010, time permitting)	Internal	5

Qualification Gained: Unit Standards Level 2

Course Costs: \$30 and workbook

NCEA INFORMATION AND COMMUNICATION LEVEL 3

Entry Requirements: 15 credits in Year 12 Technology (Information and Communication) plus Achieved grade in US2784 or US2786.

Course Description: This course will build on the design and implementation skills from NCEA Level 2 and take them to an advanced Level. Skills already known will be taught to an advanced level in preparation for NCEA Level 3. This is process driven and will involve critical analysis of a client problem resulting in designing and implementing a solution.

Achievement/Unit Standards Offered:

Standard	Title	Internal/ External	Credit
AS90613	Develop a conceptual design to address a client issue	Internal	8
AS90620	Develop and one-off solution to address a client issue	Internal	8
AS90684	Explain knowledge that underpins an information and communication technology outcome	External	4
AS90685	Demonstrate techniques in information and communication technology	Internal	4

Qualification Gained: NCEA Level 3, Unit Standards Levels 3

Course Costs: \$40 (includes workbook)

TIMETABLE

NOTES FOR STUDENTS

If you do not receive your first choice of subjects it will be for one of the following reasons:

1. You did not meet the prerequisites – all students were informed that the final external exams would form the basis for meeting subject prerequisites. Heads of Faculty have checked the students enrolling in their faculty and adjusted students appropriately.
2. First time students have priority over repeating students. This particularly affects subjects like Information Technology, Carpentry, Outdoor Education and Photography.
3. Your subject choice does not fit the timetable. Not all combinations of subjects are possible. Where this happens then your reserve subjects are used.
4. You did not complete the form correctly. Some students failed to list reserve subjects, listed a core subject in the option choice or otherwise incorrectly filled out the form. The timetablers have chosen a course for you based upon their knowledge of you, your academic record and your subject choice in previous years.
5. Late return of Course Enrolment Form. Obviously some subjects have limited places and fill up very quickly.

CHANGE OF COURSE

If, now that you have received your exam results, you believe that you meet the prerequisites needed to study a subject at a higher level then you need to make an appointment with the appropriate Head of Faculty. Please make this appointment for before school, interval, lunch or after school – NOT during class time. If the HOF agrees with you then they will give you written permission to change subject. You will need to see the Teacher in Charge of Timetabling who will change your course providing class numbers allow the change This will only happen during the first 2 weeks of Term 1.

If you would like to change your course for another reason then you will need to see the Deputy Principal Curriculum. You can do this during the registration days. Please bring with you:

- A very good reason for the change (being given a reserve subject is not a good reason).
- Your choice of subjects.

Changing subjects at this late stage is difficult. If you have any general concerns about your course please discuss these with your Dean.